Panasonic

Operating Instructions

Content Management Software Ver. 3.1

Windows

Thank you for purchasing this Panasonic product.

■ Before using this software, please read the instructions carefully.

DPQP1219ZA

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Preparation

Security

When using this software, take safety measures against the following incidents.

- Personal information being leaked via this software
- Unauthorized operation of this software by a malicious third party
- Interfering or stopping of this software by a malicious third party

Take sufficient security measures.

- Make your password difficult to guess as much as possible.
- Change your password periodically.
- Panasonic Corporation or its affiliate companies will never ask for your password directly. Do not divulge your password in case you receive such inquiries.
- The connecting network must be secured by a firewall, etc.
- Set a password for the used computer and restrict the users who can log in.

■Security when using the wireless LAN product

The advantage of a wireless LAN is that information can be exchanged between a computer or other such equipment and a wireless access point using radio waves, instead of using a LAN cable, as long as you are within range for radio transmissions.

On the other hand, because the radio waves can travel through obstacles (such as walls) and are available everywhere within a given range, problems of the type listed below may occur if security settings are insufficient.

- Transmitted data may be intercepted.
  A malicious third-part may intentionally intercept radio waves and monitor the following transmitted data.
  - Personal information such as your ID, password, or credit card number
  - Content of an Email
- Illegally accessed
  A malicious third party may access your personal or corporate network without authorization and engage in the following types of behavior.
  - Retrieve personal and/or secret information (information leak)
  - Spread false information by impersonating a particular person (spoofing)
  - Overwrite intercepted communications and issue false data (tampering)
  - Spread harmful software such as a computer virus and crash your data and/or system (system crash)

Since most wireless LAN adaptors or access points are equipped with security features to take care of these problems, you can reduce the possibility of these problems occurring when using this product by making the appropriate security settings for the wireless LAN device.

Some wireless LAN devices may not be set for security immediately after purchase. To decrease the possibility of occurrence of security problem, be sure to make all security-related settings according to the instructions given in the Operating Instructions supplied with them before using any wireless LAN device.

Depending on the specifications of the wireless LAN, a malicious third party may be able to break security settings by special means.

Panasonic asks customers to thoroughly understand the risk of using this product without making security settings, and recommends that the customers make security settings at their own discretion and responsibility.

Notation in this manual

■Description in this manual

- Description in this manual is assumed that a desktop computer is used and operated with a mouse.
  The actual size or indication of the screen may differ from that of this manual depending on the OS or the computer used.

■Reference pages

- Reference pages in this manual are indicated as (➡ page 00).

■Terms

- The part that is described as “device” in this manual and the software refers to the projector (Model No.: PT-JW130 series / PT-JX200 series) and an LCD display supported by Content Management Software.
  For details on the LCD displays supported by Content Management Software, check the Panasonic website (https://panasonic.net/cns/prodisplays/download/software/).
- In this manual, the SD memory card and the SDHC memory card are referred to as “SD card”.
- USB memory and USB memory reader are referred to as “USB memory” in this manual.

■Screens

- The operating instructions in this manual use the screens for when [Space Player] is selected in “Launcher screen” on the pages of "Operation method for using a projector"(➡ page 22) and the screens for when [LCD Display] is selected in “Launcher screen” on the pages of "Operation method for using an LCD display" (➡ page 76).

Function of the Content Management Software

The Content Management Software is an application software to create the data for schedule on a computer, which is necessary to perform signage playback with the “Content Manager” or "USB Media Player" installed on the device.
By installing this software to a computer, it will be possible to create a schedule for the signage playback without connecting to the device.
The “Content Manager” is one of the network functions installed in the device, and it is provided as an application to be operated with a web browser.
The functions of the Content Management Software are as follows.

■Registering the content (➡ page 14)

Register the content (still image/movie/music file) to the Content Management Software.

■Editing the timetable (➡ page 15)

Set the content details, playback time, and playback order to be played back in one day.

■Setting the calendar (➡ page 18)

Set the created timetable to a specified day in the calendar.

■Outputting the schedule (➡ page 20)

Output the set schedule to the device via the SD card, the USB memory or the LAN.

■Reading the schedule (➡ page 61, 115)

Already created schedules or schedules created with Content Manager installed in a projector can be read and edited.

■Direct play settings (➡ page 68)

A playlist can be assigned to multiple devices to perform simultaneous playback using remote control operation or Content Manager.

Note

When the device to be used is a projector:

- Before operating the scheduled playback function, set the date and time on the device. If the date and time are not set, the scheduled playback function will continue displaying "Schedule waiting" and not operate.

When the device to be used is an LCD display:

- This is not supported by Direct Play Settings.
- To perform scheduled playback, you need to set [USB Media Player Function] and [Scheduled Playback Function] to [Enable] in the settings on the device in advance. For details, refer to the operating instructions for the device.
- Before operating the scheduled playback function, set the date and time on the device. If the date and time are not set, the scheduled playback function will continue displaying "Schedule waiting" and not operate.
- When the playback mode setting of the device is “synchronous playback”, content playback will begin from the next scheduled start time after output to the device completes. If the current time is before the start time of the schedule, playback will start from the first scheduled content. If the current time is later than the start time of the schedule, the device will enter the wait state with a black screen without playing this content, and the content will begin playing from the next scheduled start time.

About the number of devices that can be registered to Content Management Software

To directly output a set schedule to specified devices via the LAN, you need to register the network information of the output devices in advance.

Up to 99 devices can be registered.

Definition of the Content Management Software terms

Definitions of main terms used in this manual are as follows.

Term	Description
Schedule	This is the inclusive term summarizing the set of data necessary to perform the signage playback on a device with the Content Manager or the USB Media Player installed. This includes content such as still image and movie, the calendar including the setting for each day, and the timetable defining what to play back within the day.
Content	Indicates the material to be used in the Content Management Software. There are the four playback content of still images, movies, external input, and music, as well as the two device control content of brightness and power supply for when the device is a projector and the two device control content of power supply and extended feature for when the device is an LCD display. Contents of still image/movie/music are registered in the Content Management Software using still image/movie/music files.
Image content	Indicates the inclusive term of three playback contents of still image/movie/external input.
External input content	Indicates the content of the signal input to the HDMI input of the device, to be registered in the Content Management Software as a single material.
Brightness content	Indicates the material to change the brightness of the light source of the projector. This is not supported by the LCD display.
Extended feature content	Indicates the material to set the device screen configuration and playlists. This is not supported by a projector.
Power supply content	Indicates the material to perform power on/off operation of the device.
Playlist	Indicates the multiple contents of still image/movie/external input content registered in the Content Management Software as a single material.
Timetable	Indicates the settings of playback contents, playback time, playback order, etc. in a day.
Content Manager	One of the network functions installed on the PT-JW130 series / PT-JX200 series. This is provided as an application to operate in the web browser, and there are two functions of signage playback function and the signage setting function. This is not supported by the LCD display.
Direct play	This is a function installed in the PT-JX200 series that allows simultaneously playing back a playlist on multiple devices. In the direct play settings of Content Management Software, you can create the data to be used with direct play and then output it to a device. For details on direct play, refer to the operating instructions of the device. This function is not supported by devices of the PT-JW130 series and the LCD display.

File that can be used with the schedule

Following still image/movie/music files can be used.

	Extension	Format	Restriction
Still image	jpg/jpeg, jpe*1	JPEG	Color mode: Only RGB supported When the device is a projector: Number of pixels: Maximum 8 000 x 8 000 (For progressive JPEG, maximum 4 096 x 4 096) YUV format: Only YUV444, YUV422, and YUV411 supported When the device is an LCD display: Number of pixels: Maximum 4 096 x 4 096 (only baseline supported) YUV format: Only YUV444, YUV422, and YUV440 supported
	bmp	Windows Bitmap	Number of pixels: Maximum 2 000 x 2 000 (1-bit, 4-bit, 8-bit, 16-bit, 24-bit, and 32-bit*2 supported) Following formats are not supported. Run-length encoding, Bit fields, Top to bottom, Transparent data

	Extension	Codec		Restriction*4	
		Video	Audio	Video	Audio
Movie*3	mov	H.264/MPEG-4 AVC Motion JPEG*2	AAC Linear PCM	Resolution: Maximum 1 920 x 1 080 Minimum 240 x 180 Frame rate: Maximum 30 fps*5 Bit rate: Maximum 40 Mbps	Sample rate: Maximum 48 kHz (For Linear PCM, maximum 16 kHz) Channel: Maximum 2 ch Bit rate: Maximum 384 kbps
	avi	H.264/MPEG-4 AVC Motion JPEG*2 MPEG-4	MPEG-1/2 Audio Layer-3 (MP3) AAC Linear PCM		
	mp4	H.264/MPEG-4 AVC MPEG-4	AAC MPEG-4 AAC-LC		
	mpg/mpeg*2	MPEG-2	MPEG-1/2 Audio Layer-2		
	wmv	When the device is a projector: WMV9 When the device is an LCD display: H.264/MPEG-4 AVC	When the device is a projector: WMA When the device is an LCD display: MPEG-1/2 Audio Layer-3 (MP3)		

*1 This is not supported by a projector.
*2 This is not supported by the LCD display.
*3 To play back a schedule simultaneously in multiple devices, use the following movie file as a movie content. If you use the movie files other than the following, simultaneous playback function may not work properly.
For details on simultaneous playback, refer to the Operating Instructions of the device.
- Extension: mp4, Video codec: H.264/MPEG-4 AVC, Audio codec: AAC
- Extension: mpg/mpeg, Video codec: MPEG-2, Audio codec: MPEG-1/2 Audio Layer-2

*4 Following movie files are not supported.
- Multi-angle video
- Files with the profile of Advanced Simple Profile @ Level 0 or Advanced Simple Profile @ Level 1

*5 H.264/MPEG-4 AVC with a maximum of 60 fps can be registered, but playback may not be possible depending on the device. When content is registered, a frame is set for the icon and a message will be displayed when a schedule including this content is output to a device.

	Extension	Audio codec	Audio format
Music	aac *1	AAC	Sample rate: Maximum 48 kHz Channel: Maximum 2 ch Bit rate: Maximum 384 kbps
	mp3	MPEG-1/2 Audio Layer-3 (MP3)	
	wma	WMA	

*1 This is not supported by the LCD display.

Note

- Some information for still image/movie/music files can be viewed with a computer where relevant files are accessible.
  Operation example
  − For Windows computer

    1. Right-click a file, and click [Properties].
    2. Click the [Details] tab.

- The movie/music file with playback time less than ten seconds cannot be used.
- The maximum file size that can be used is 2 GB.
  The following table shows the playback time when a 2 GB movie file is used. However, the following playback time is an estimate and may differ depending on the compression method such as encoding and codec.

Resolution	Bit rate	Estimate of playback time
720 x 240	Approx. 2 Mbps	Approx. 120 minutes
720 x 480	Approx. 5 Mbps	Approx. 50 minutes

- Files protected by DRM (Digital Rights Management) cannot be used.
- Some files listed as compatible formats may still not be able to be used.
- Use the SD card and the USB memory with high data transfer speed. If the data transfer speed is slow, movie or music recorded in the SD card and the USB memory may not be played back properly or it may take time to display a still image. (Speed class for the SD card: Class 10 recommended)
- For the SD card and the USB memory compatible with the device, refer to the Operating Instructions.
- When the content is switched to content with a different resolution or codec, a black image or still image may be displayed for several seconds. We recommend using the same resolution and codec.

Getting Started

Confirm the computer in use.

Required system configuration

To use the Content Management Software, prepare a computer fulfilling following conditions.

- OS (operating system): Supports Japanese version and English version
  - − Windows 7 Ultimate 32/64 bit, Professional 32/64 bit, Home Premium 32/64 bit
  - − Windows 8.1 32/64 bit, Pro 32/64 bit
  - − Windows 10 Home 32/64 bit, Pro 32/64 bit
- Software library
  - − Microsoft .NET Framework 4.5.2 or later
- Web browser
  - − Internet Explorer 11
    Exclude Internet Explorer 11 for Windows 8.1 modern UI
- Display resolution
  - − 1 366 dots x 768 dots or higher
- LAN environment
  - − When connecting via wired LAN
    LAN terminal: 10Base-T/100Base-TX
  - − When connecting via the wireless LAN
    Compliance standard: IEEE802.11b/g/a/n
- SD card reader, USB memory reader
  This is required to directly write the created schedule to the SD card or the USB memory, or to read the schedule created by the content manager installed in the device from the SD card.
  For the SD card or the USB memory that can be used with the device in use, refer to the Operating Instructions.

Note

- Note that the operation is not guaranteed when used in any system environment other than above, or when a home-made computer is used.

This does not guarantee the operation with all the computers fulfilling above conditions.

Computer environment required for connection

Make sure to confirm the following settings before connecting the device to a computer.

■LAN setting

- Computer with a built-in LAN function
  - − Is the LAN function enabled?
- Computer without a built-in LAN function
  - − Is the LAN adaptor correctly recognized?
  - − Is the LAN adaptor enabled?
  - − Install the driver for the LAN adaptor in advance.
    For the installation method of the driver, refer to the operating instructions of the LAN adaptor.

Note

- It may not be possible to connect to the device when a security (firewall) software or utility software for LAN adaptor is installed.
- This does not guarantee the operation with all the LAN adaptors and LAN adaptors built-in the computer.

Installing/uninstalling the software

To install the Content Management Software, it is required to install following in advance.

- Microsoft .NET Framework 4.5.2 or later
  If it is not installed in the computer to be used, download from the Microsoft webpage.

Installation procedure

Install the Content Management Software into the computer.

- Before starting the installation to the computer, close all the running software. It may not be possible to install correctly.

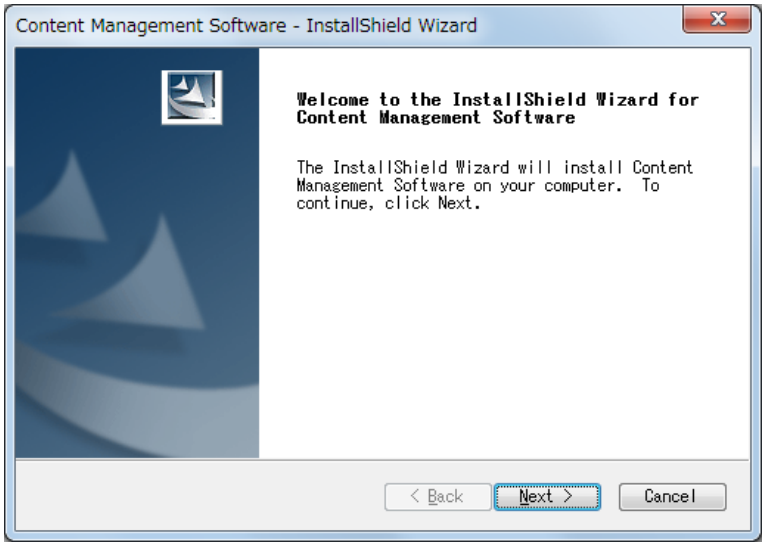
1 Download the software.

- Download the Content Management Software from the Panasonic Corporation web site (http://panasonic.net/avc/projector/).

2 Start up the installer.

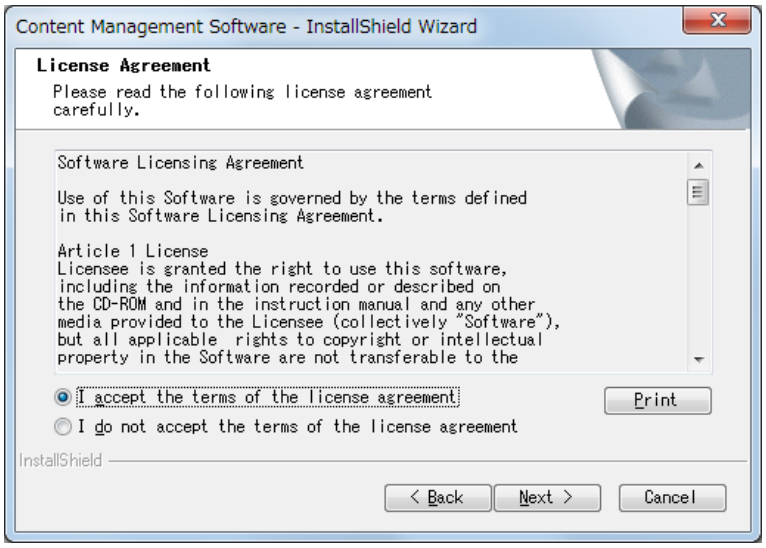
- Extract the file downloaded from the web site. Double-click "setup.exe" inside the folder that is created by extracting.

- The install screen is displayed once the installer is booted.



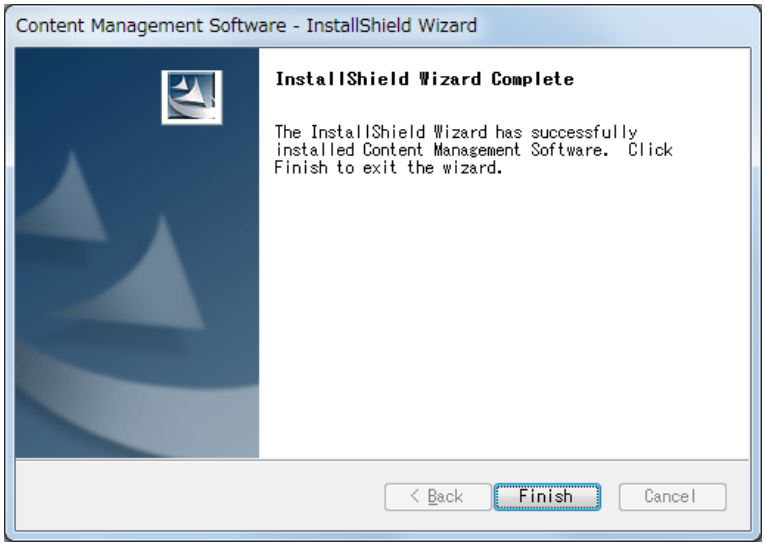
3 Confirm the terms of the license agreement.

- Read the contents of the terms of the license agreement and select "I accept the terms of the license agreement" if you agree with the contents.



4 Install the Content Management Software following the instruction on the screen.

- Once the completion screen is displayed, click the [Finish] button to exit from the installer.



- Once the installation is completed, a shortcut icon is created on the desktop.

Uninstallation procedure

■For Windows 7

1 Select “Content Management Software” in the “Start” → “Control Panel” → “Uninstall a program”, and click “Uninstall”.

2 Uninstall the Content Management Software following the instruction on the screen.

■For Windows 8.1

1 Press the “X” key while pressing the “Windows logo” key on the keyboard, select the “Content Management Software” from “Control Panel” → “Uninstall a program”, and click “Uninstall”.

2 Uninstall the Content Management Software following the instruction on the screen.

■For Windows 10

1 Enter "Apps & features" in the search box on the taskbar and select it, select "Content Management Software", and click "Uninstall".

2 Uninstall Content Management Software following the instructions on the screen.

Note

- When you uninstall this software, the registered content and schedules will be deleted. If you wish to reuse the content and schedules, save transfer data with [Migrate Data] before uninstalling the software. For details, refer to “Outputting the transfer data”.
  When the device is a projector: ➡ page 64
  When the device is an LCD display: ➡ page 117

Basic flow of the operation

The Content Management Software requires registration of the content to be used for performing the signage playback first. The registered content is used in the timetable that determines the playback order for the day. Once the timetable is created, the data and schedule necessary for signage playback on the device can be completed by setting the timetable to the date to perform signage playback using the calendar. The schedule can be output to the device via the SD card, USB memory or the LAN.

The basic operation procedure from starting up to closing the Content Management Software is described here. For details on each operation method, refer to "Operation method for using a projector" (➡ page 22) when the device to be used is a projector and "Operation method for using an LCD display" (➡ page 76) when the device to be used is an LCD display.

Note

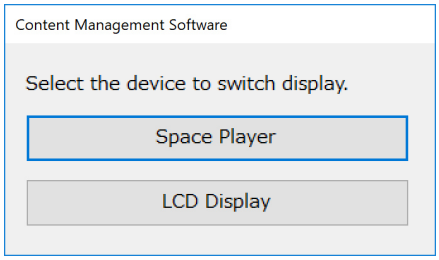
- The software screens used in "Basic flow of the operation" are when [Space Player] was selected in “Launcher screen”.

Starting up the Content Management Software

Start up the installed Content Management Software.

1 Double-click the shortcut icon on the desktop.

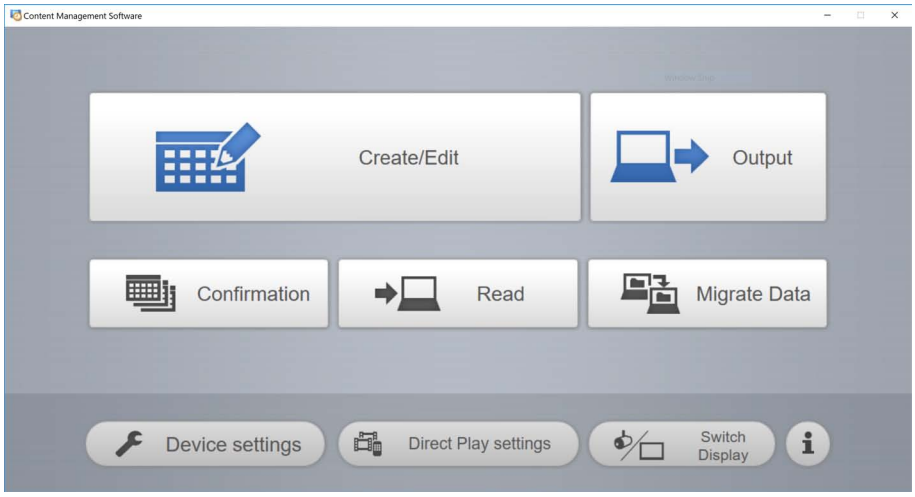
- Content Management Software starts and the launcher screen is displayed to select the top menu for a projector or the top menu for an LCD display.



When you click the [Space Player] or [LCD Display] button, the corresponding top menu is displayed.

Note

- The launcher screen is displayed the first time you start the software after installing management software.
- When you start the software from the second time, the schedule top screen selected last time is displayed without displaying the launcher screen.



Note

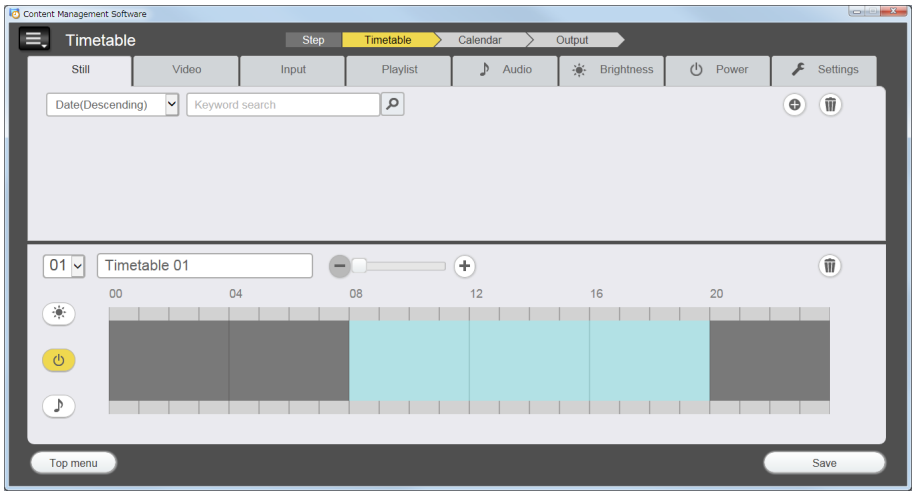
- The “file selection screen” of the operation procedure in this manual uses the standard function of the OS.
- When using the Content Management Software on a tablet, operate with the terminal screen in landscape orientation.

Registering the content

To create a schedule with the Content Management Software, first register still image/movie/music file as a content. The example here is when registering still image content.

1 Click the [Create/Edit] menu in the top menu screen.

- The [Timetable] screen is displayed.



2 While the [Still] tab is selected, click ⊕ at the top right of the screen.

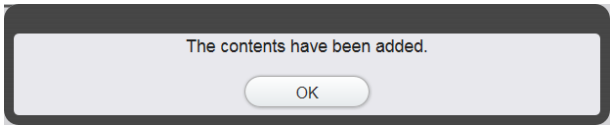
- The file selection screen is displayed.

3 Select the still image file to register and click the [Open] button.

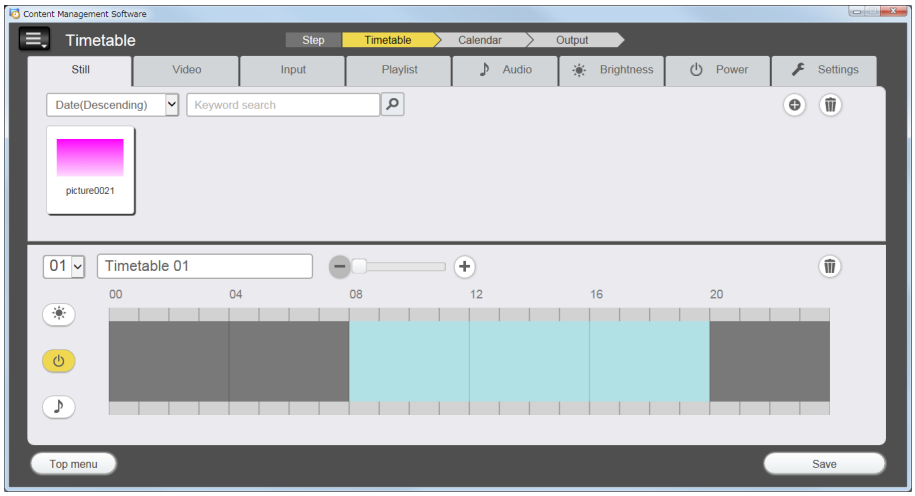
- The content is registered in the [Add content] screen.
- Multiple files can be selected.

4 Once the addition of the content is completed, click the [Save] button.

5 When the confirmation screen is displayed, click the [OK] button.



- The selected still image file is registered as a content.



It is convenient to create a playlist when multiple contents are to be used repeatedly for multiple times in a specified order. For details on creating the playlist, refer to “Creating the playlist”.

When the device to be used is a projector ➡ page 35
When the device to be used is an LCD display ➡ page 85

Note

- To register a movie file as a content, select the [Video] tab in Step **2**, and to register a music file as a content, select the [Audio] tab in Step **2**.
- This is the procedure to register the content for the first time after installing the Content Management Software. For details on registering a content for second time or later, refer to “Registering still image/movie/music content”.
  When the device to be used is a projector ➡ page 31
  When the device to be used is an LCD display ➡ page 81

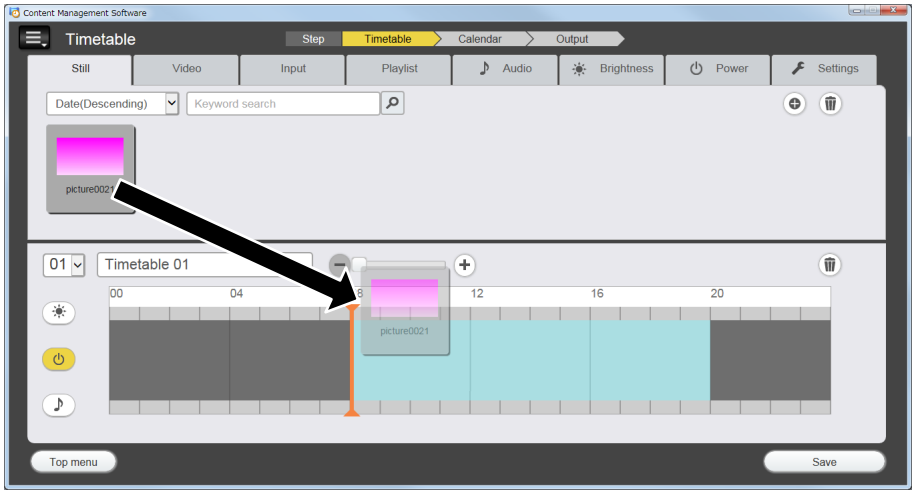
Next is the procedure for “Creating the timetable”.

Creating the timetable

Set the content details, playback time, and playback order to be played in one day as a timetable.
The example here is when placing still image content in a timetable and then saving the timetable.

1 Register the content in the timetable.

- Drag & drop the registered still image content over the timetable at the bottom of the screen.
- A marker is displayed at the insertion position in the timetable.

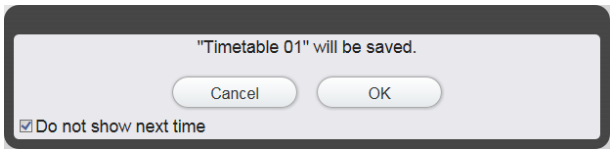


2 Adjust the content playback time.

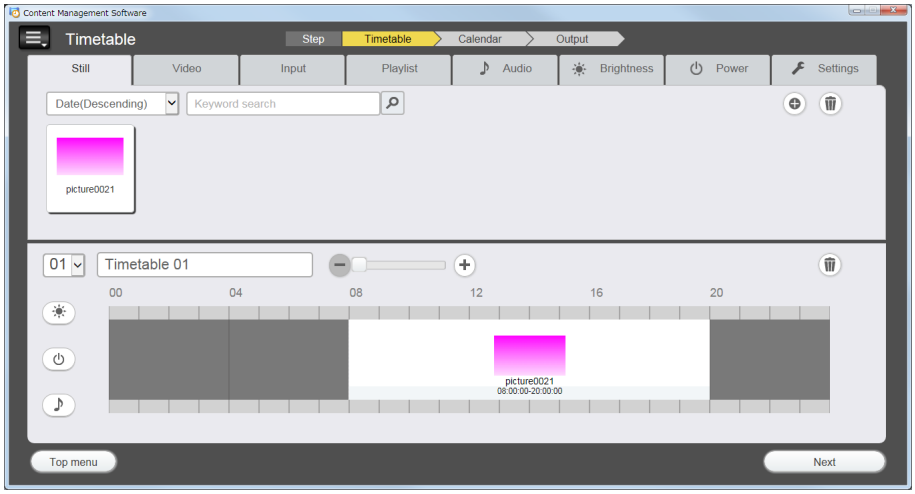
- For details on adjusting the playback time, refer to “Adjusting the time of content registered to a timetable”.
  When the device to be used is a projector ➡ page 47
  When the device to be used is an LCD display ➡ page 102

3 Save the timetable.

- The confirmation screen is displayed by entering the timetable name and clicking the [Save] button.



- The [Save] button is changed to the [Next] button when the timetable is saved.
- This confirmation screen is not displayed from next time by placing a check in the [Do not show next time] check box and clicking the [OK] button. The setting of the check box is enabled only for the schedule being edited.
- Click the [OK] button to save the timetable.



- Click the [Next] button to move to the calendar to set the timetable.

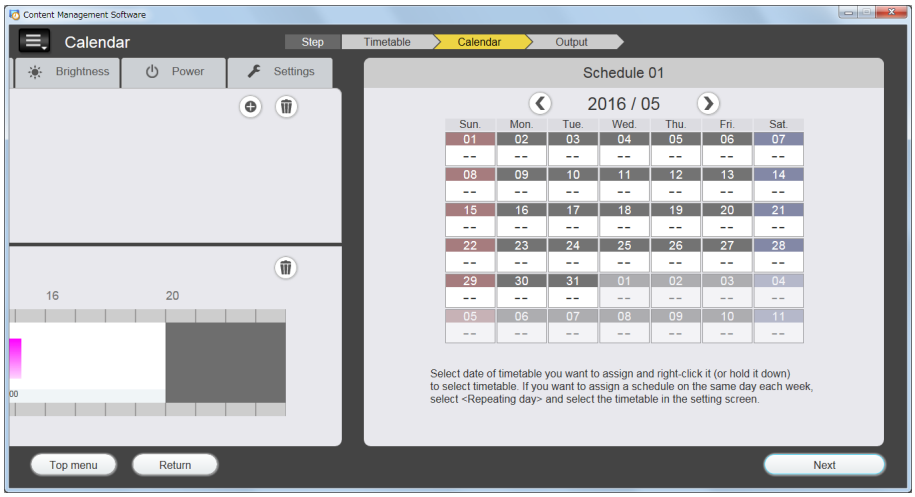
Note

- This is the procedure to create the timetable for the first time after installing the Content Management Software. For details on creating a timetable for second time or later, refer to “Creating the new timetable”.
  When the device to be used is a projector ➡ page 42
  When the device to be used is an LCD display ➡ page 97

Next is the procedure for “Setting the calendar”.

Setting the calendar

Set the created timetable to a specific day using the calendar.

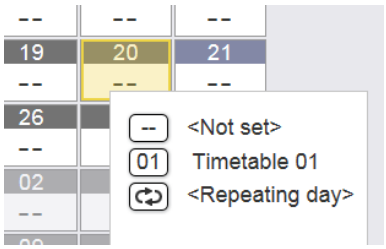


1 Set the timetable to a calendar.

- Click the day to set the timetable in the calendar.
- A yellow border is displayed on the clicked day and becomes selected.

2 Set the timetable.

- Right-click or press and hold for the touch operation on the selected date, and select the timetable to set.



Note

- Schedule can be set for each day of the week by selecting [<Repeating day>]. For details of the setting method, refer to “[Repeating day setting]”.
  When the device to be used is a projector ➡ page 53
  When the device to be used is an LCD display ➡ page 107
- Clicking an end of a week or days allows you to select multiple dates at the same time. A selection toggles between multiple selection and de-selection with each click.

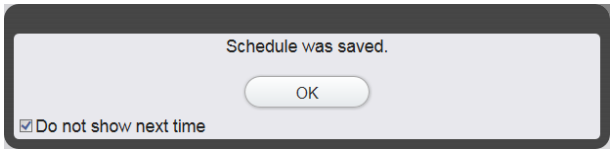
Next is the procedure for “Setting the schedule”.

Setting the schedule

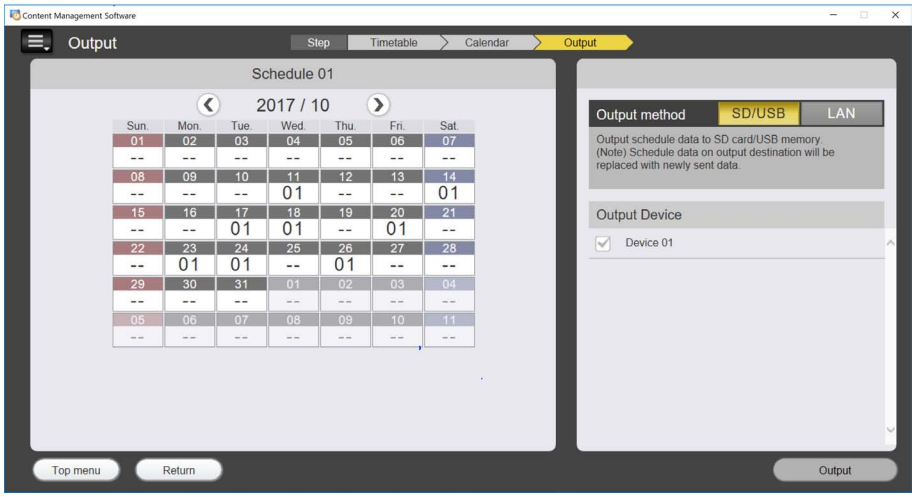
Set the timetable set in the calendar to the schedule.

1 Save the schedule.

- The confirmation screen is displayed by setting the timetable and clicking the [Next] button.



- This confirmation screen is not displayed from next time by placing a check in the [Do not show next time] check box and clicking the [OK] button. The setting of the check box is enabled only for the schedule being edited.
- Click the [OK] button to save the settings up to here and move to the screen to select the output device.



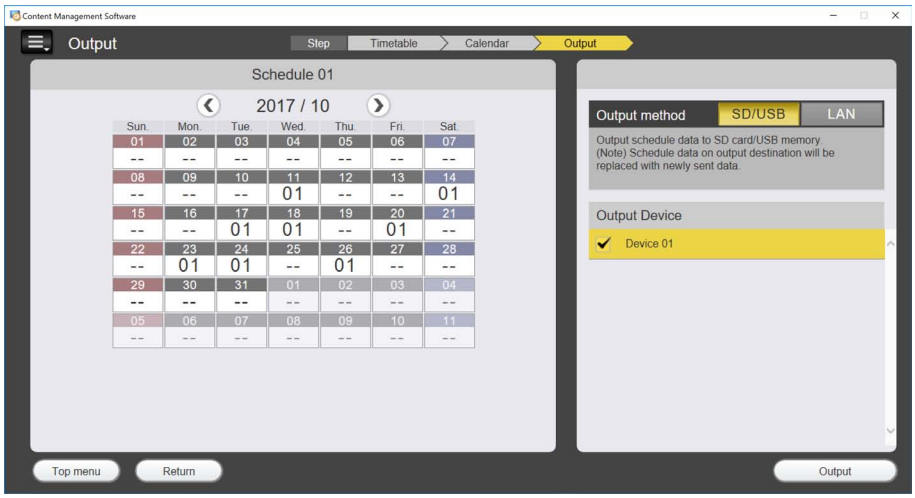
Next is the procedure for “Outputting the schedule”.

Outputting the schedule

Select the output method and output device of the created schedule.

1 Select the output method and the output device.

- Selected output method and output device are displayed in yellow, and a check mark is displayed on the selected output device.



2 Click the [Output] button.

- Select the output method and the output device, and click the [Output] button.
- There are two types of output method, SD/USB and LAN. For details of each output method, refer to “Outputting the created schedule”.
  When the device to be used is a projector ➡ page 56
  When the device to be used is an LCD display ➡ page 110

Note

- When the output is performed for the first time, the device information input screen is displayed if LAN is selected and the [Output] button is clicked. Enter the IP address of the device, user name, password and port number to perform the setting. For details on the setting procedure, refer to “Registering the output device information”.
  When the device to be used is a projector ➡ page 66
  When the device to be used is an LCD display ➡ page 119
- To output via LAN, confirm that the SD card or the USB memory is inserted in the device.
- When the device is a projector, you need to enter a user name and password for which there are administrator rights for Content Manager in [User Name] and [Password]. When the device is an LCD display, you need to enter a user name and password for which there are administrator rights for the device in [User Name] and [Password].
  For details on the user name and password for the Content Manager or device, refer to the operating instructions for the device.
- Check that [Port No.] is set to 80.

Shutting down the Content Management Software

Shut down the Content Management Software.

1 Click the “X” button at the top right of the Content Management Software screen.

- The Content Management Software will shut down.

Operation method for using a projector

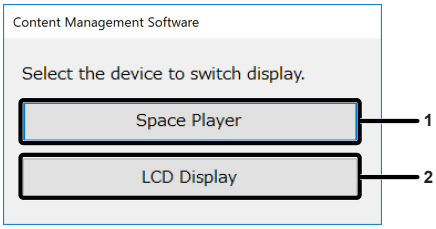
The functions of the Content Management Software including the operation procedure described in “Basic flow of the operation” is described.
The places where "device" is used in "Operation method for using a projector" refer to a projector (model: NTN91000 series, NTN91001 series, NTN91002 series, or NTN91003 series). If the device to be used is an LCD display, refer to "Operation method for using an LCD display" (➡ page 76).

Various screens

Various screens of the Content Management Software are described.

Launcher screen

The launcher screen is displayed when Content Management Software is started for the first time after installation.



1 **[Space Player] button**
This displays the top menu for a projector.

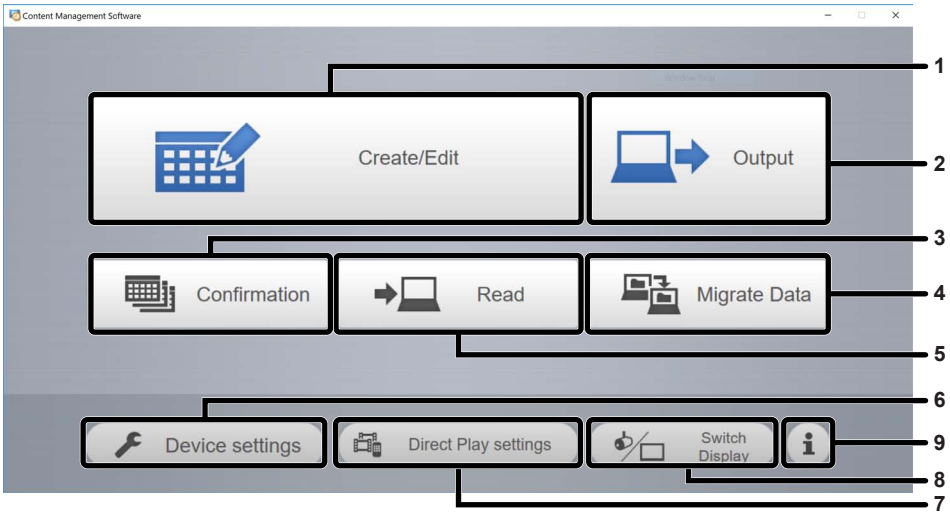
2 **[LCD Display] button**
This displays the top menu for an LCD display.
For the operation method of the top menu screen for creating a schedule for an LCD display, refer to "Operation method for using an LCD display"(➡ page 76).

Note

- When you start the software from the second time, the schedule top menu screen selected last time is displayed without displaying the launcher screen.
- The launcher screen can be displayed by selecting [Switch Display] in the top menu or the [Switch Display] menu item from the drop-down list.

Top menu screen

Once the Content Management Software is started up, the top menu screen is displayed.
Clicking on the button of each menu moves to the operation screen of the clicked menu.



1 **[Create/Edit] menu**
Performs the creation and editing of a schedule. Creating a new schedule or editing of previously created schedule can be performed.

2 **[Output] menu**
Outputs the created schedule to a device, allowing to be operated. It can be output by selecting the schedule and output destination device.

3 **[Confirmation] menu**
Can confirm the content of the created schedule.
There are two methods for confirmation (by the date and by the schedule).

4 **[Migrate Data] menu**
Outputs the data of the same environment as the Content Management Software to transfer to another compatible computer. Select the location to save for [Output], and select the data file for [Read].

5 **[Read] menu**
The data of the schedule used on the device can be read.

6 **[Device settings] menu**
Registers the specific information of the device as an output destination of the schedule data. It can name the device or register the network information when output via LAN.

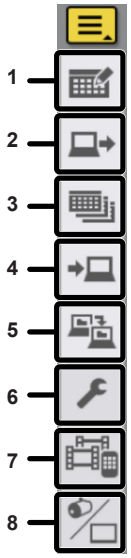
7 **[Direct Play settings] menu**
Creates the data required for executing direct play on the device side.

8 **[Switch Display] menu**
Displays the launcher screen.

9 **button**
Information of the Content Management Software can be confirmed.

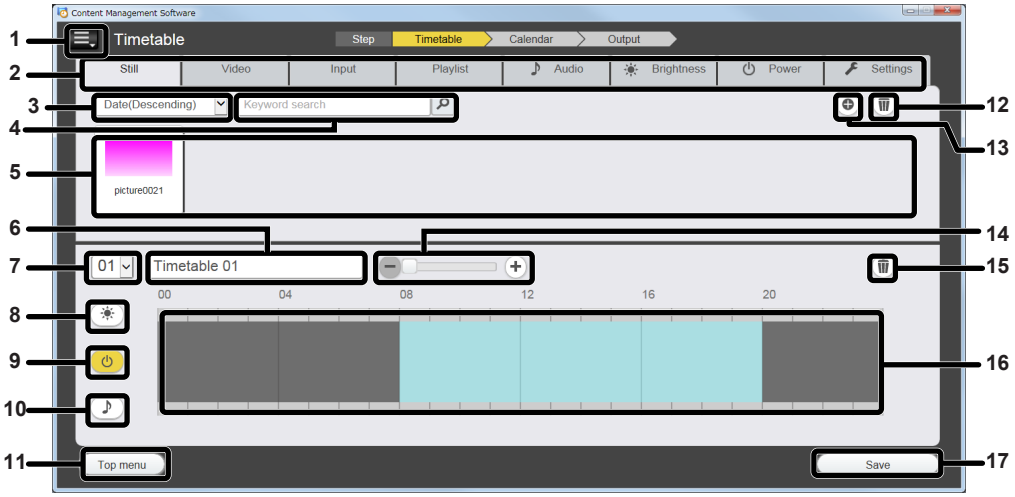
■Drop down menu

The shortcut of the top menu screen is displayed by clicking at the top left of the [Timetable] screen, etc.



1 **[Create/Edit] menu**
2 **[Output] menu**
3 **[Confirmation] menu**
4 **[Read] menu**
5 **[Migrate Data] menu**
6 **[Device settings] menu**
7 **[Direct Play settings] menu**
8 **[Switch Display] menu**

[Timetable] screen



1 **Drop down menu**
Displays the shortcut of the top menu screen.

2 **Content type tab**
Selects the type of content to register in a schedule/timetable.
Clicking the tab changes the “Content list” display.
Selects the [Settings] tab to change the various settings.

3 **Sort content**
Selects the display order of the “Content list”.
[Date(Ascending)]/[Date(Descending)]:
Displays contents in the order of registration date.
[Content name(Ascending)]/[Content name(Descending)]:
Displays contents in the name order.
[File name(Ascending)]/[File name(Descending)]:
Displays contents in the file name order.

4 **[Keyword search]**
Enter the character string to search and click to search the content registered in the schedule. Search target varies depending on the content.
Still image/movie/music content: Content name and file name
Playlist: Playlist name
Brightness content: Brightness
Power supply content: Start time/End time
Search result is displayed in the “Content list”.

5 **Content list**
Displays the content registered in a timetable.

6 **Timetable name**
Enter a timetable name, or the timetable name being edited is displayed.
Click it to edit the timetable name.

7 **Timetable ID**
Displays the ID of the timetable being edited.
It is automatically assigned when a timetable is created.
Click to create a new timetable or switch the timetable to be edited.

8 **Brightness content display icon**
This icon becomes yellow when selected, and displays the registered brightness content in a timetable. Click the icon again to cancel the selection, then the icon color changes to white.

9 **Power supply content display icon**
This icon becomes yellow when selected, and displays the registered power supply content in a timetable. Click the icon again to cancel the selection, then the icon color changes to white.

10 **Music content display icon**
This icon becomes yellow when selected, and displays the registered music content in a timetable. Click the icon again to cancel the selection, then the icon color changes to white.

11 **[Top menu] button**
Click to move to the top menu screen.

12 **Content delete icon**
Deletes the content.

13 **Content addition icon**
Registers the additional content.

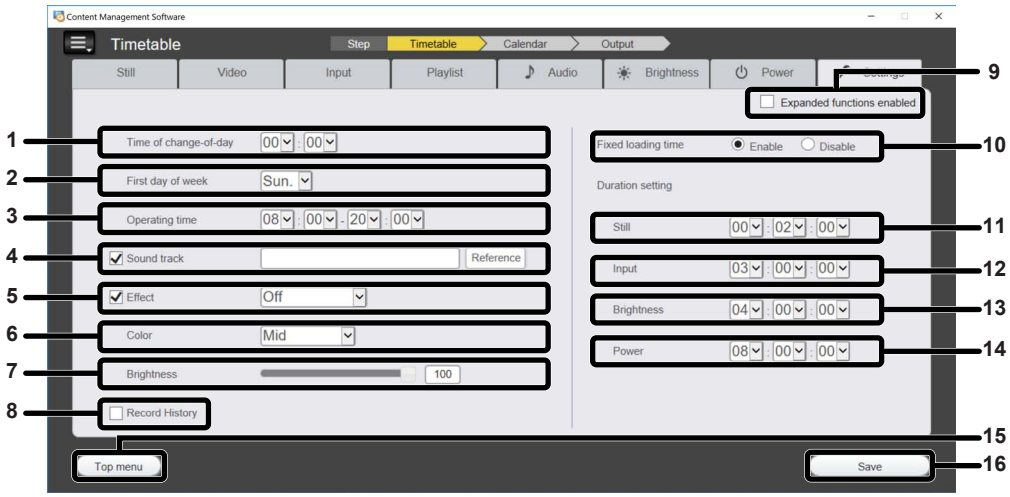
14 **Display scale**
Sets the display scale for “Timetable”.
[-] button: Reduces the scale.
[+] button: Enlarges the scale.
Slider for adjustment: Adjusts the scale to any position within the step range.
Range indication: Indicates the displayed time range.
The range indication is displayed when the scale is enlarged.

15 Delete content registered in the timetable icon
Deletes the content registered in a timetable.

16 Timetable
Displays the content registered in a timetable.

17 [Save] button
Saves the timetable. This will change to the [Next] button when the timetable is saved.

[Settings] tab screen



1 [Time of change-of-day]
Sets the time for the start of a day.

2 [First day of week]
Sets the day of the week for the start of a week in the calendar.

3 [Operating time]
Sets the default power on time of the power supply content that is set when creating a new timetable.

4 [Sound track]
Sets the music content to be played as BGM during the time slot where no music content is registered in the timetable.
Click the [Reference] button to select music content from the music content list.
If the check box is not selected, BGM is disabled.

5 [Effect]
Sets the default image effect (special effect used when changing the playback screen) to be set when still image content is registered.
For details of the setting items, refer to “[Effect]” (➡ page 26).
If the check box is not selected, the image effect of the still image content registered in the timetable is disabled.

6 [Color]
Selects the color setting to be reflected when playing image content.
For details of the setting items, refer to “[Color]” (➡ page 26).

7 [Brightness]
Specifies the brightness to be reflected in the time slot where no brightness content is registered in the timetable.

8 [Record History]
Sets whether or not to record the playback history of the schedule.
If the check box is not selected, the playback history of the schedule is not recorded.

9 [Expanded functions enabled]
Enables the expanded functions for an LCD display. This is not supported by the projector. Clear the check box.

10 [Fixed loading time]
Selects whether to fix the loading time after starting the scheduled movie content till displaying the image on the projection screen.
[Enable]:
Fixes the loading time after starting playback till displaying the image.
[Disable]:
Displays the image when the movie content is read from the SD card after playback is started. Depending on the content, the loading time after starting playback till displaying the image will be less than three seconds.

11 [Duration setting] - [Still]
Sets the default playback time to be set when still image content is registered.

12 [Duration setting] - [Input]
Sets the default playback time to be set when external input content is registered.

13 [Duration setting] - [Brightness]
Sets the default playback time to be set when brightness content is registered.

14 [Duration setting] - [Power]
Sets the default playback time to be set when power supply content is registered.

15 [Top menu] button
Click to move to the top menu screen.

16 [Save] button
Saves the timetable. This will change to the [Next] button when the timetable is saved.

Attention

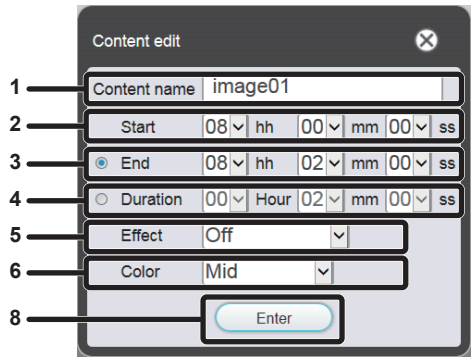
- When changing [Time of change-of-day] and [Operating time], set so the [Time of change-of-day] will be five minutes or before of the starting time and five minutes or later of the ending time of [Operating time]. [Time of change-of-day] cannot be set to the time period set in [Operating time]. Also, the start time and end time of [Operating time] cannot be set exceeding the time set in [Time of change-of-day].

Note

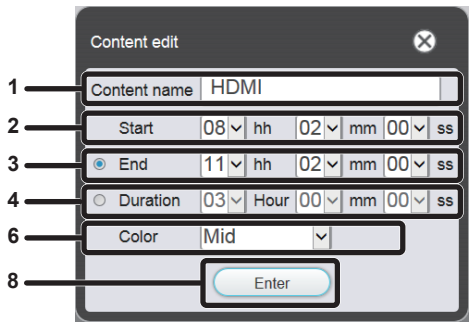
- For details on how to view the playback history, refer to the operating instructions of the device.

[Content edit] screen

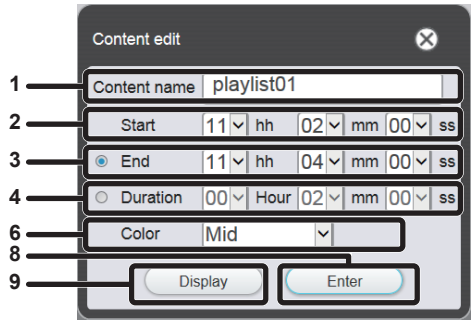
The [Content edit] screen is displayed for each content when the content registered to the timetable is to be edited.



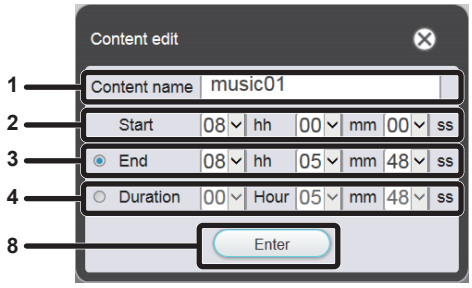
When editing still image content



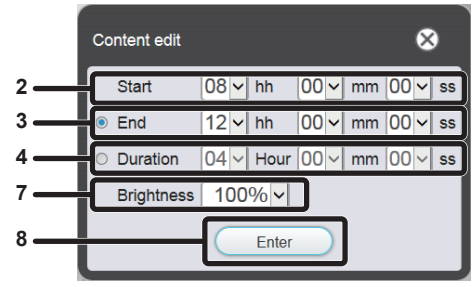
When editing movie/external input content



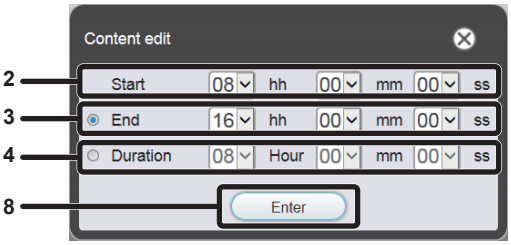
When editing playlist



When editing music content



When editing brightness content



When editing power supply content

1 [Content name]
Displays the selected content name.

2 [Start]
Set the time to start playback of the content.

3 [End]
Select the radio button, and set the time to end the content playback.

4 [Duration]
Select the radio button, and set the time to start the content playback.

5 [Effect]
Set special effects used when changing the playback screen of still image content.
For details of the setting items, refer to “[Effect]” (➡ page 26).

6 [Color]
Select the color setting to be reflected when playing image content.
For details of the setting items, refer to “[Color]” (➡ page 26).

7 [Brightness]
Select the brightness to be reflected when playing image content.

8 [Enter] button
Click this to confirm the settings.

9 [Display] button
Click this to display the [Playlist edit] screen.
For details of the setting items, refer to “Editing the timetable” (➡ page 41).

[Effect]

The following table shows the special effects ([Effect]) which can be set to still image contents and used when changing the playback screen.

[Off]	Does not apply image effects.
[Random]	Applies image effects randomly.
[Wipe left]	Displays the image gradually from the left like wiping.
[Wipe right]	Displays the image gradually from the right like wiping.
[Wipe down]	Displays the image gradually from the top like wiping.
[Split]	Displays the image gradually from the center toward the left and right like wiping.
[Zoom out]	Displays the image gradually from the center towards the entire image.
[Fade]	Displays the entire image gradually.
[Blind]	Displays the image gradually like opening vertical blind.
[Checker wipe]	Displays the image gradually from the left to right in checkerboard patterns.
[Slide in]	Displays the next screen as if it slides in from the right to left.
[Slide out]	Displays the next screen by removing the current screen as if it slides out from the right to left.

Note

- The item name and its description for [Effect] is indicating the operation when [PROJECTION METHOD] and [VERTICAL FLIP] is set in the device so the text in the image can be read correctly. For details of [PROJECTION METHOD] and [VERTICAL FLIP], refer to the Operating Instructions of the device.

[Color]

The following table shows the color settings to be reflected when playing image contents (still image/movie/external input).

[High]	Makes the image bluish than the [Mid] setting.
[Mid]	Sets the color appropriate for the overall movie image.
[Low]	Makes the image reddish than the [Mid] setting.
[Super white]	Sets the brightness to maximum.
[Neutral]	Sets the color to neutral white.
[White]	Sets the color to white.
[Warm white]	Sets the color to warm white.
[Light]	Sets the color to light bulb color.
[Red]	Sets the color to red.
[Green]	Sets the color to green.
[Blue]	Sets the color to blue.
[Yellow]	Sets the color to yellow.
[Cyan]	Sets the color to cyan.
[Magenta]	Sets the color to magenta.
[User P]	Reflects the setting of the device. For details, refer to the Operating Instructions of the device.
[User L1]	
[User L2]	
[User L3]	
[User L4]	
[User L5]	

Note

- When a created schedule is played back with a device of the PT-JX200 series, this setting is overwritten with [Mid] if [Color] does not exist on the device.

[Calendar] screen

1 **Schedule name**
Displays the “schedule name” being created/edited.

2 **Move to the previous month**
Displays the calendar of the previous month.

3 **Move to the next month**
Displays the calendar of the next month.

4 **Calendar**
Displays the calendar to set the timetable.

5 **Enlarge display button**
Displays the enlarged screen of the timetable.

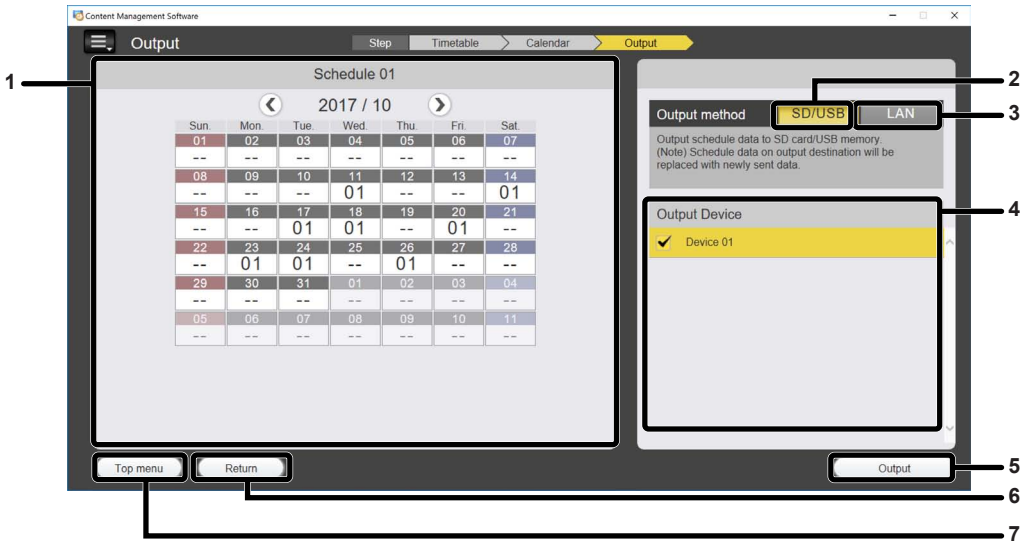
6 **Preview**
Displays the timetable registered to the set day.

7 **[Next] button**
Click to move to the [Output] screen.

8 **[Return] button**
Click to move to the [Timetable] screen.

9 **[Top menu] button**
Click to move to the top menu screen.

[Output] screen



1 **[Calendar] screen**
Displays the timetable set to the selected date.

2 **[SD/USB]**
Outputs the schedule data to a computer or an SD card.

3 **[LAN]**
Directly outputs the schedule data to the device via LAN.

4 **[Output Device]**
Displays the registered devices in a list.
When [LCD display] is selected in the launcher screen and then the information is registered, and the [Display Device] button of the [Device settings] menu is that of the selected device, the device is indicated as [Display Device] when it is selected.

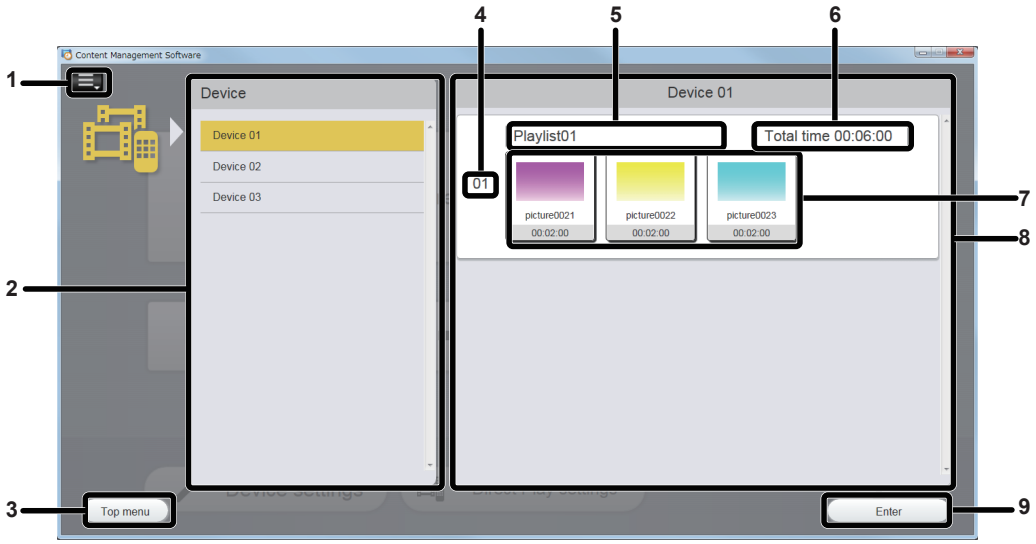
5 **[Output]**
Outputs the schedule.

6 **[Return] button**
Click to return to the [Calendar] screen.

7 **[Top menu] button**
Click to move to the top menu screen.

[Direct play settings] screen

Select a registered device from the device list to check the remote control ID set for that device and the playlist assignment. For details on the [Direct play settings] screen, refer to “Assigning a playlist to a remote control ID” (➡ page 68).



1 **[Drop down] menu**
Displays the shortcuts of the top menu screen.

2 **Device list**
Displays the devices registered to Content Management Software.

3 **[Top menu] button**
Click to move to the top menu screen.

4 **Remote control ID**
Displays the same number as the number button that is used for direct play settings on the remote control.

5 **Playlist name**
Displays the name of the playlist.

6 **Total time**
Displays the total time of the content registered to the playlist.

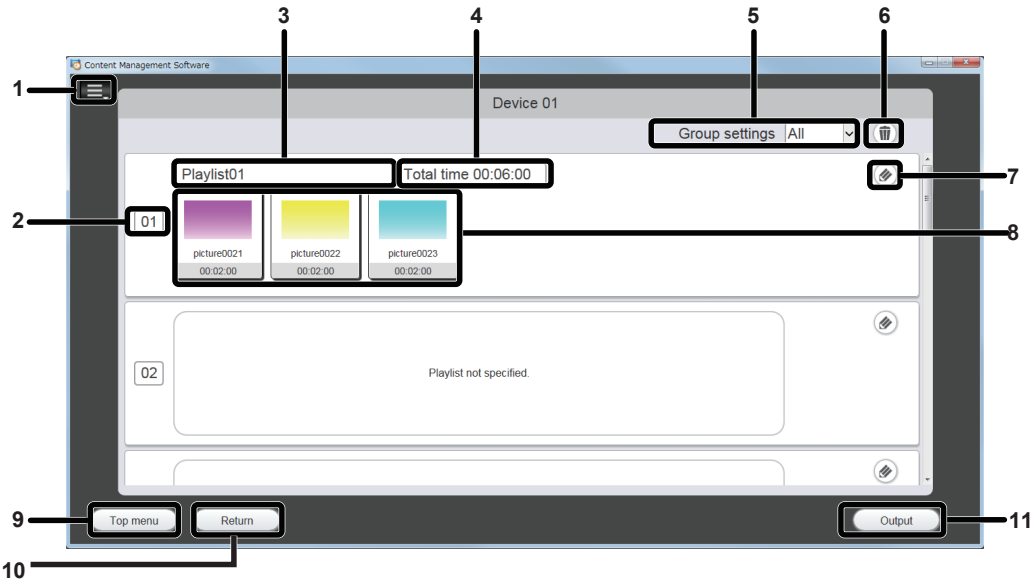
7 **Playlist**
Displays the content registered to the playlist.

8 **Remote control ID list**
Displays the remote control ID set for the selected device and the playlist assignment state.

9 **[Enter] button**
Click to display the [Remote control ID assignment] screen.

[Remote control ID assignment] screen

Assign a playlist to the remote control ID. For details on the [Remote control ID assignment] screen, refer to “Assigning a playlist to a remote control ID” (➡ page 68).



1 **[Drop down] menu**
Displays the shortcuts of the top menu screen.

2 **Remote control ID**
Displays the same number as the number button that is used for direct play settings on the remote control.

3 **Playlist name**
Displays the name of the playlist.

4 **Total time**
Displays the total time of the content registered to the playlist.

5 **Group settings**
Specify the group for which to perform direct play from the drop down list to set the operation range. The groups that can be specified are All and Groups 1 to 5. For details on the group setting, refer to the operating instructions of the device.

6 **[Remote control ID assignment playlist setting delete] icon**
Deletes the playlist assigned to the remote control ID.

7 **[Remote control ID assignment playlist edit] icon**
Edits the playlist assigned to the remote control ID.

8 **Playlist**
Displays the content registered to the playlist.

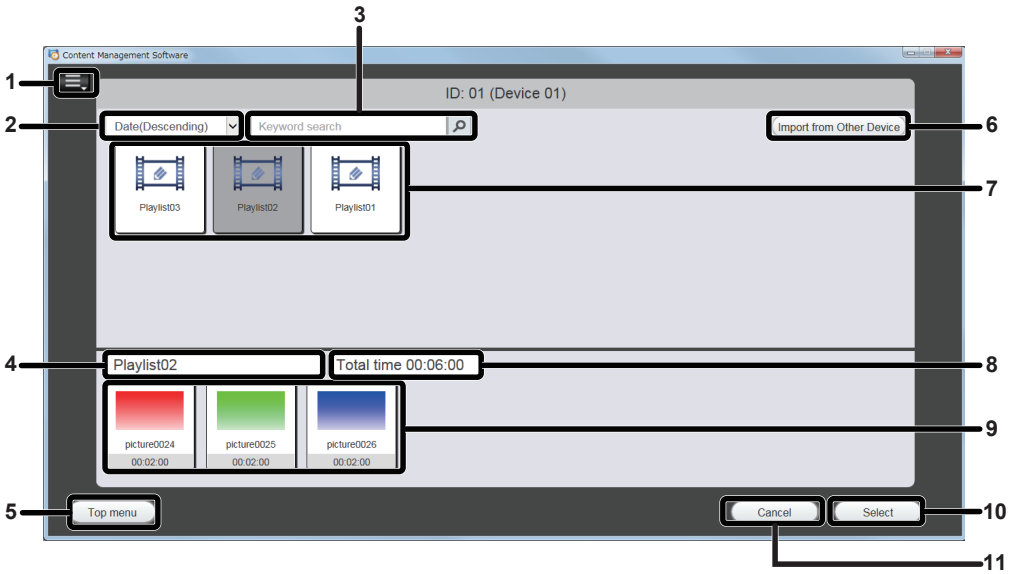
9 **[Top menu] button**
Click to move to the top menu screen.

10 **[Return] button**
Click to move to the [Direct play settings] screen.

11 **[Save] button**
Saves the assignment of the remote control ID being edited. This will change to the [Output] button when the assignment of the remote control ID is saved.

[Playlist selection] screen

Select the playlist to assign to the remote control ID. For details on the [Playlist selection] screen, refer to “Assigning a playlist to a remote control ID” (➡ page 68).



1 **[Drop down] menu**
Displays the shortcuts of the top menu screen.

2 **Sort playlists**
Selects the display order of the "Playlist list".
[Date(Ascending)]/[Date(Descending)]:
Displays playlists in the order of registration date.
[Playlist name(Ascending)]/[Playlist name(Descending)]:
Displays playlists in the order of playlist name.

3 **[Keyword search]**
Enter the character string to search and click to search the playlists registered in the Content Management Software. Search target is a playlist name. Search result is displayed in the “Playlist list”.

4 **Playlist name**
Displays the name of the selected playlist.

5 **[Top menu] button**
Click to move to the top menu screen.

6 **[Import from Other Device] button**
Click to display a list of the playlists assigned to the remote control ID of another device. For details, refer to“[Import from Other Device] screen” (➡ page 30).

7 **Playlist list**
Displays a list of the playlists that were created in Content Management Software.

8 **Total time**
Displays the total time of the content registered to the playlist.

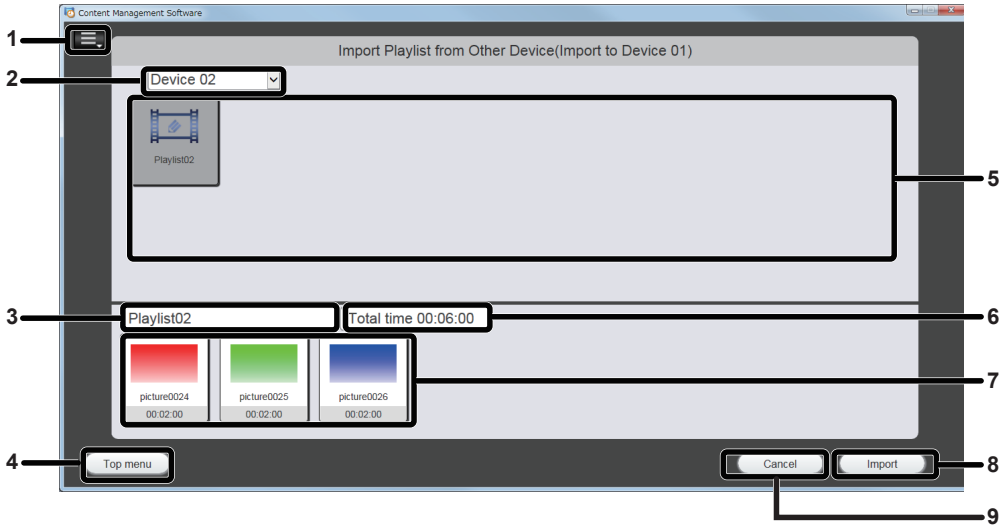
9 **Playlist preview**
Displays the content of the selected playlist.

10 **[Select] button**
Assigns the selected playlist to the remote control ID.

11 **[Cancel] button**
Cancels assignment of the playlist and moves to the [Remote control ID assignment] screen.

[Import from Other Device] screen

Display a list of the playlists assigned to the remote control ID of another device so that you can select the playlist to set and assign it to the device. For details on the [Import from Other Device] screen, refer to “Importing a playlist from another device” (➡ page 71).



1 **[Drop down] menu**
Displays the shortcuts of the top menu screen.

2 **[Device list] box**
Selects the device from which to import the playlist.

3 **Playlist name**
Displays the name of the selected playlist.

4 **[Top menu] button**
Click to move to the top menu screen.

5 **Playlist list**
Displays a list of the playlists of the selected device.

6 **Total time**
Displays the total time of the content registered to the playlist.

7 **Playlist preview**
Displays the content of the selected playlist.

8 **[Import] button**
Imports the selected playlist.

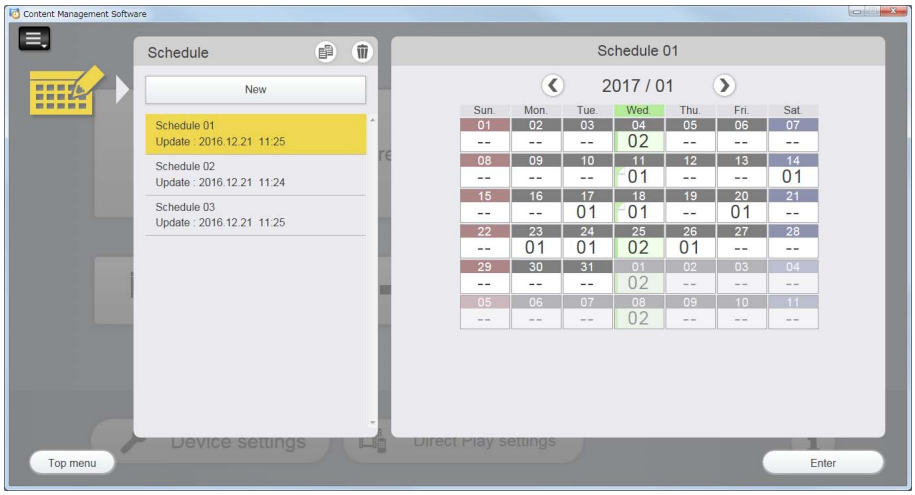
9 **[Cancel] button**
Cancels importing of the playlist and moves to the [Playlist Selection] screen.

Registering the content

Registering still image/movie/music content

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.



2 Select the schedule to add a content and click the [Enter] button.

- When the schedule that is already set is selected, the content of that schedule is displayed in the calendar.
- Select [New] to create a new schedule. For details on creating a new schedule, refer to “Creating the new schedule” (➡ page 49).

3 Move to the [Timetable] screen.

- Click the [Return] button at the bottom of the [Calendar] screen to move to the [Timetable] screen.

4 Select the tab of the content to register from the content selection tabs.

- The display of the content list changes when the tab is clicked.

5 Click ⊕ in the content list.

- The file selection screen is displayed.

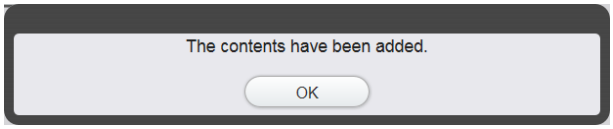
6 Select the content to register and click the [Open] button in the file selection screen.

- Those are registered in the [Add content] screen.
- Multiple files can be selected.

- To continuously add a content, click ⊕ in the [Add content] screen, and register the content.

7 When the addition of contents to register is complete, click the [Save] button.

8 When the confirmation screen is displayed, click the [OK] button.



Note

- Maximum of 500 contents can be registered for each type of content against one schedule.
- When content is registered with the procedure above, the file name is saved as the content name. The content name can also be set when registering the content. The [Content edit] screen is displayed, when you click the content for which you wish to set a content name in the [Add content] screen displayed in Step **6**. Set a content name and click the [Enter] button.
- This is the procedure when a content is registered already. For details on registering a content for the first time, refer to “Registering the content” (➡ page 14).
- When video content of H.264/MPEG-4 AVC format with 60 fps is registered, a frame is added.

Registering power supply content

A preset time slot (start time / end time) can be registered as power supply content.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

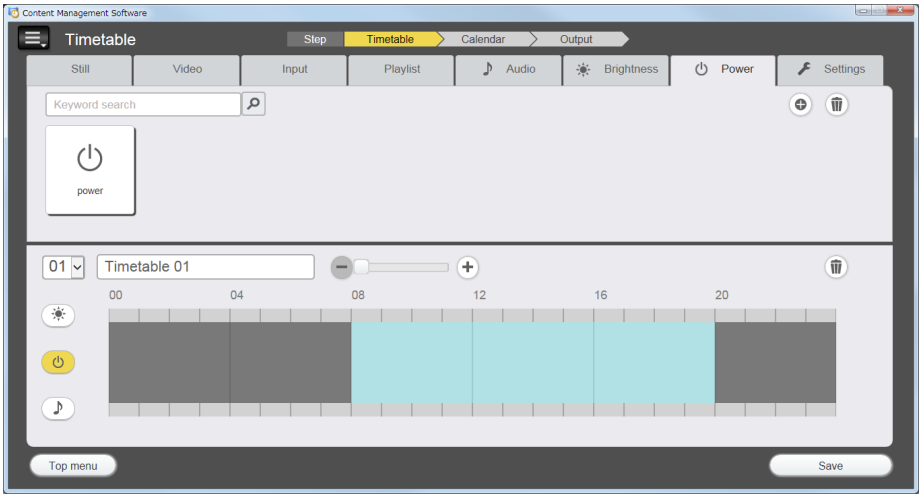
- When the schedule to edit is selected, the content of that schedule is displayed in the calendar.

3 Move to the [Timetable] screen.

- Click the [Return] button at the bottom of the [Calendar] screen to move to the [Timetable] screen.

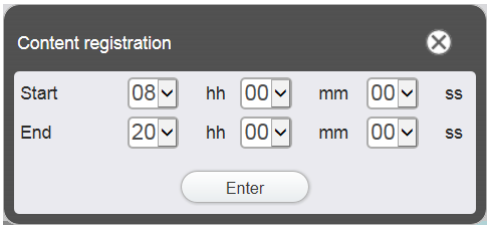
4 Click the [Power] tab in the [Timetable] screen.

- The display of the content list changes when the tab is clicked.



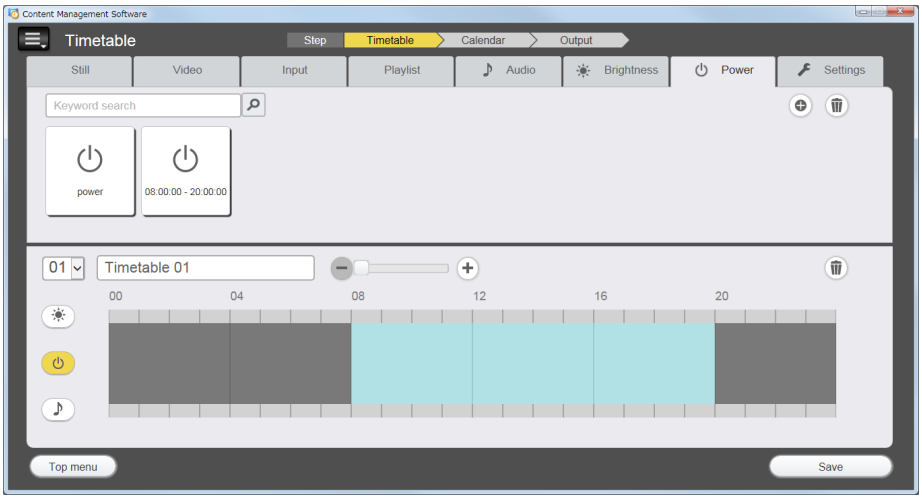
5 Click ⊕ in the content list.

- The [Content registration] screen is displayed.



6 Set [Start] and [End] and click the [Enter] button.

- The power supply content is registered.



Note

- The registered content name is indicated with the set time zone (start time - end time).
- Up to 100 power supply content can be registered.
- If power supply content registered with the same time zone (start time - end time) already exists, the power supply content cannot be newly registered.
- If the length of the content is less than one minute or the start time and end time are the same, the power supply content cannot be registered.

Editing the content

Edit the setting of the still image/movie/music file registered in the [Timetable] screen.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

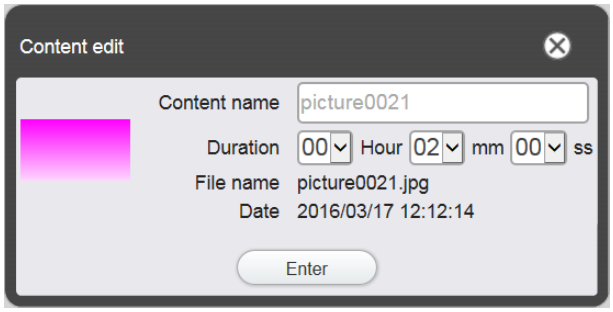
- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

3 Move to the [Timetable] screen.

- Click the [Return] button at the bottom of the [Calendar] screen to move to the [Timetable] screen.

4 Click the content to edit in the content list.

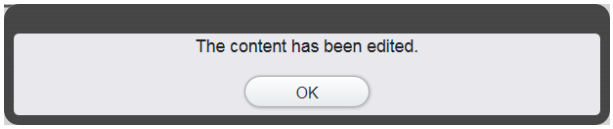
- The [Content edit] screen is displayed.



5 Change [Content name] and/or [Duration], and click the [Enter] button.

- [Content name] and [Duration] can be changed for the still image content, and [Content name] can be changed for the movie/music content.

6 When the confirmation screen is displayed, click the [OK] button.



Note

- The external input/brightness/power supply content cannot be edited.
- To change the content of the playlist, refer to “Editing the playlist” (➡ page 37).

Playing back the content

Double-click the content displayed in the content list to play back that content on the computer.
The content is displayed in the same way as the file is double-clicked in the Explorer, with the movie playback application such as Media Player for the movie or music, and the standard viewer for the still image.

Note

- Do not select “Delete” from the menu of Photo Viewer when the content is displayed with Photo Viewer. Operation of the Content Management Software will not be guaranteed if it is deleted.

Deleting the content

Delete the content that is no longer needed.

1 Display the [Timetable] screen.

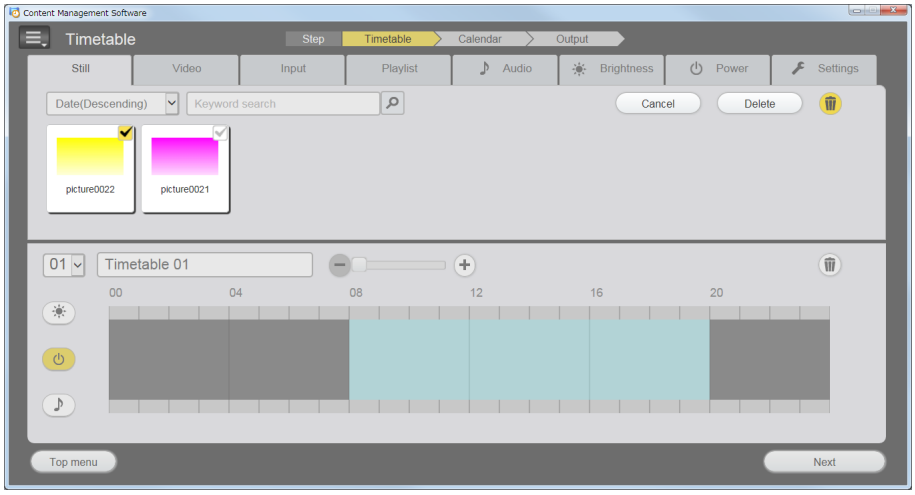
- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click in the content list.

- The mode changes to deletion mode.
- Click the [Cancel] button to cancel the deletion mode.

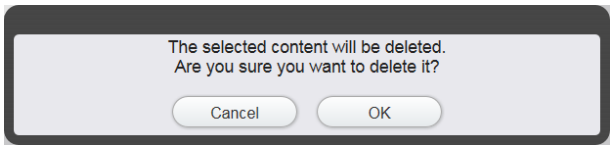
3 Select the content to delete.

- You can select multiple contents.
- A check mark is added to the selected content.



4 Click the [Delete] button.

5 When the confirmation screen is displayed, click the [OK] button.



- The selected content is deleted.

Note

- If the content to be deleted is used in the timetable, playlist, or direct play settings, that content cannot be deleted.

Creating the playlist

Register multiple still images/movies/external input contents together as a single content.

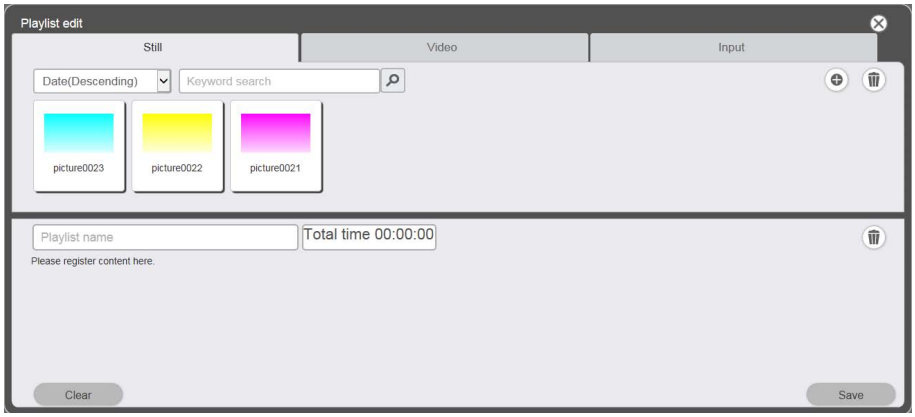
1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click the [Playlist] tab in the [Timetable] screen.

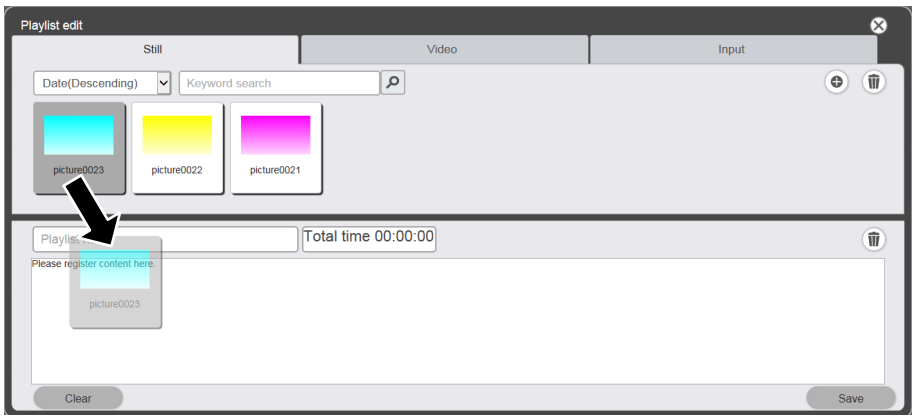
3 Click ⊕ in the content list.

- The [Playlist edit] screen is displayed.



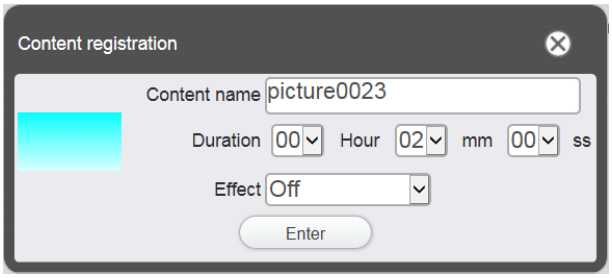
4 Select the content to register in the playlist from the [Playlist edit] screen.

- Drag & drop the content to register in the playlist to the playlist at the bottom of the screen.



5 Register the content in the playlist.

- Set [Duration] and [Effect] in the [Content registration] screen, and click the [Enter] button.
- [Duration] and [Effect] can be changed for the still image content, and [Duration] can be changed for the movie/external input content.

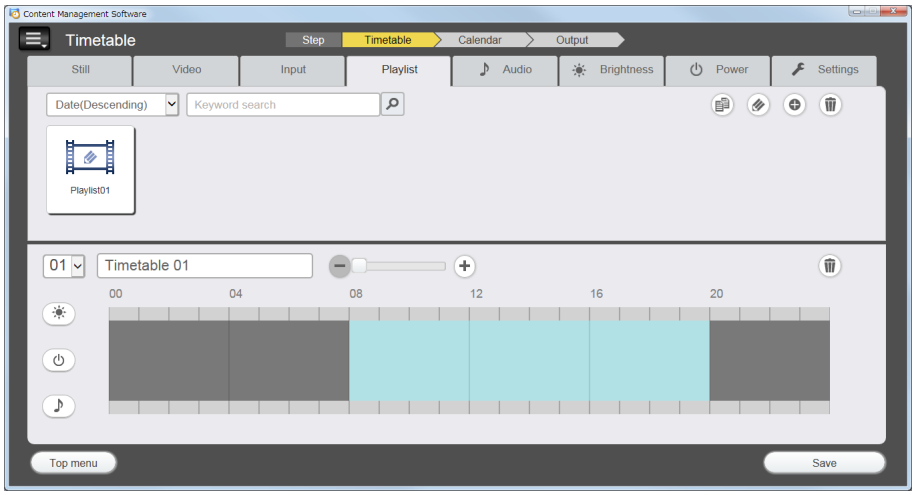


6 Enter the playlist name in the [Playlist name] field.

- Enter the playlist name in the [Playlist name] field. Up to 24 characters can be entered.

7 Click the [Save] button.

- The playlist is created.



Note

- Only image content (still image/movie/external input) can be registered in a playlist.
- Up to 100 contents can be registered in one playlist.
- Up to 500 playlists can be registered for each schedule.
- If you click the [Save] button without entering the playlist name, the playlist name entry screen is displayed. Enter the playlist name, and click the [Enter] button.

Editing the playlist

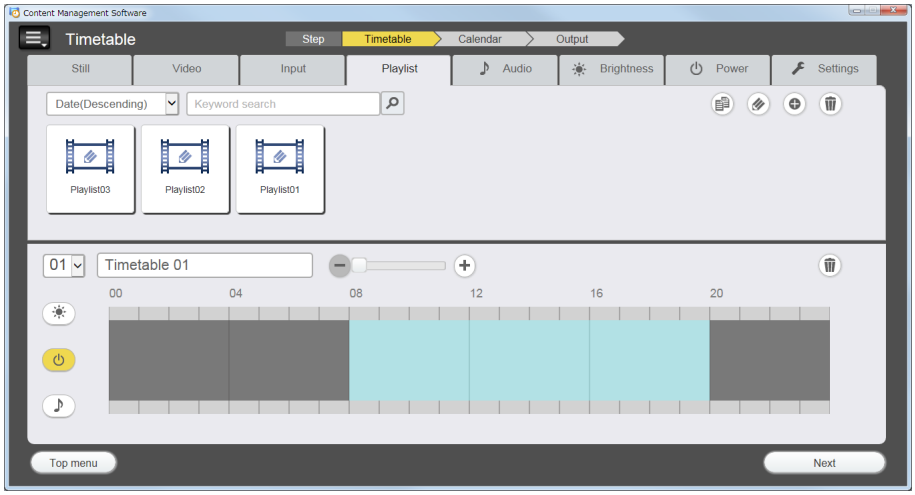
Edit the contents of the registered playlist.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

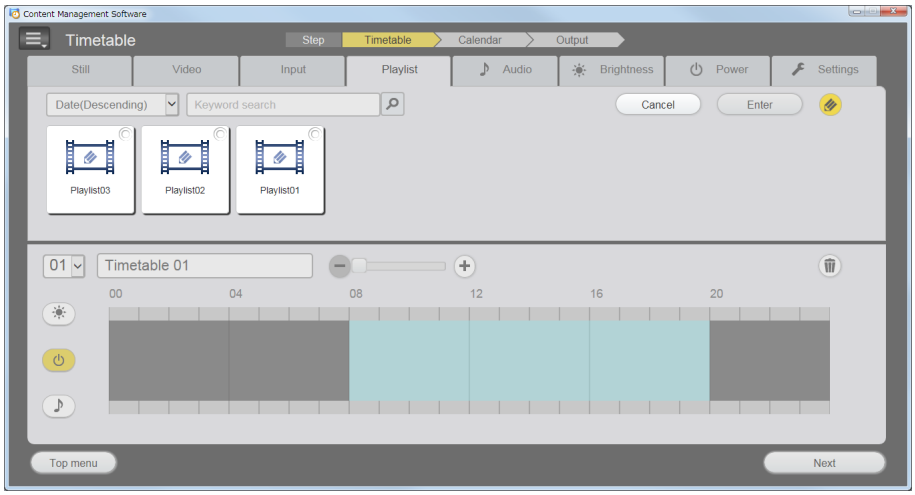
2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.



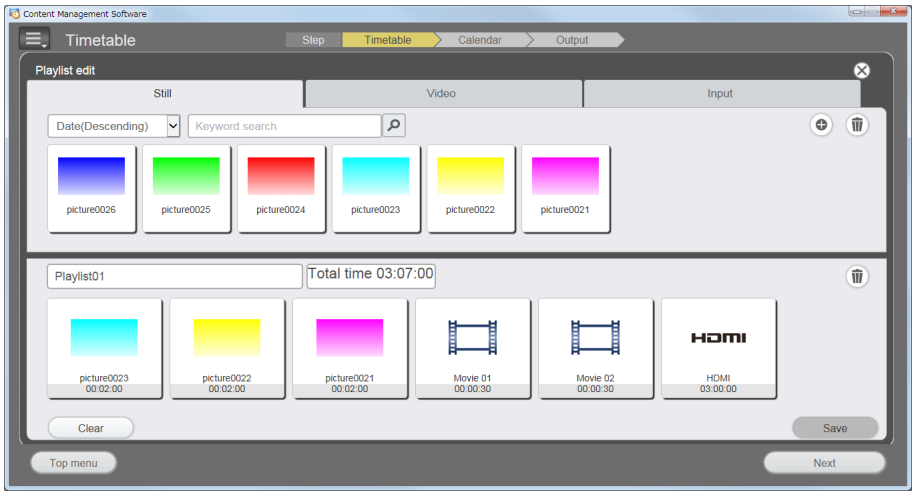
3 Click in the content list.

- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.



4 Select the playlist you want to edit, and click the [Enter] button.

- The [Playlist edit] screen is displayed.



5 Edit the playlist.

- To add the content, perform the same procedure as “Creating the playlist” (➡ page 35).
- To delete the content, refer to “Deleting the content registered in the playlist” (➡ page 38).
- To change the setting of the content, refer to “Changing the settings of the content registered in the playlist” (➡ page 39).

6 Click the [Save] button.

- The edited playlist is registered in the schedule.

Note

- The playlist is common with that of the direct play settings.
  If a playlist used in the direct play settings is edited, please note that the edited content will also be reflected in the direct play settings.

Deleting the content registered in the playlist

Delete the content registered in the playlist.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.

3 Click in the content list.

- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.

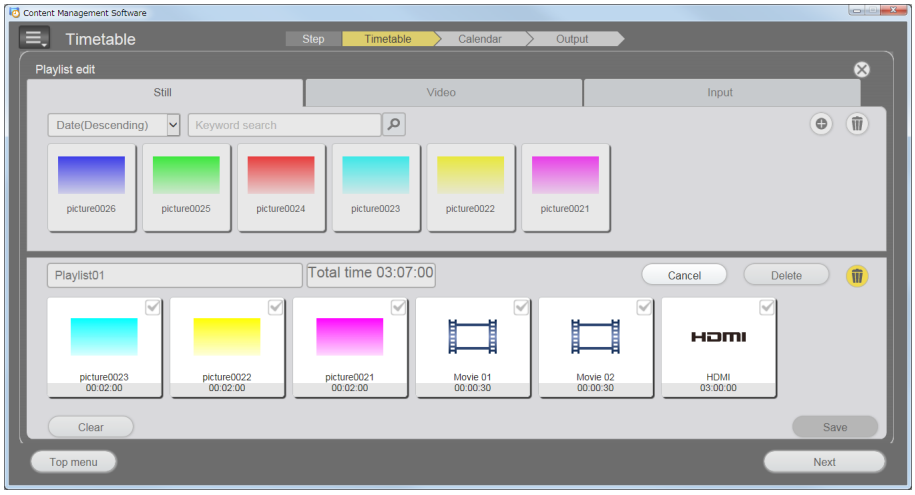
4 Select the playlist you want to edit, and click the [Enter] button.

- The [Playlist edit] screen is displayed.

5 Click on the [Playlist edit] screen.

- The mode changes to deletion mode.

- Click the [Cancel] button to cancel the deletion mode.



6 Select the content to delete.

- You can select multiple contents.

7 Click the [Delete] button.

8 When the confirmation screen is displayed, click the [OK] button.

- The selected content is deleted from the playlist.
- Click the [Save] button in the [Playlist edit] screen to register the edited playlist in the schedule.

Changing the settings of the content registered in the playlist

Change the settings of the content registered in the playlist

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.

3 Click in the content list.

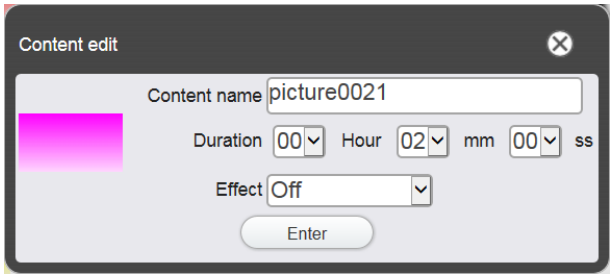
- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.

4 Select the playlist you want to edit, and click the [Enter] button.

- The [Playlist edit] screen is displayed.

5 Click the content to change the setting in the playlist.

- The [Content edit] screen is displayed.



6 Change [Duration] and [Effect], and click the [Enter] button.

- Change the playback time and image effect settings.
- The setting of the content in the playlist is changed.
- You can set [Effect] only for still image content.
- Return to the [Playlist edit] screen and click the [Save] button to register the edited playlist to the schedule.

Duplicating the playlist

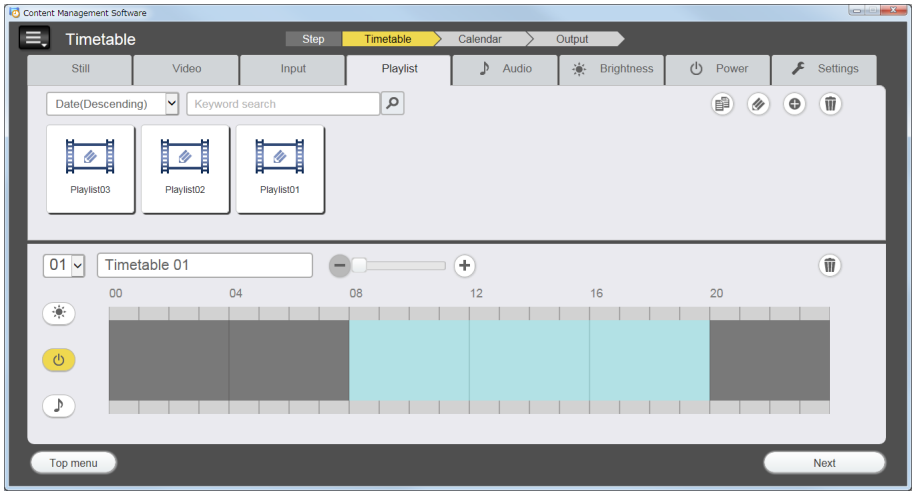
Duplicate the registered playlist.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

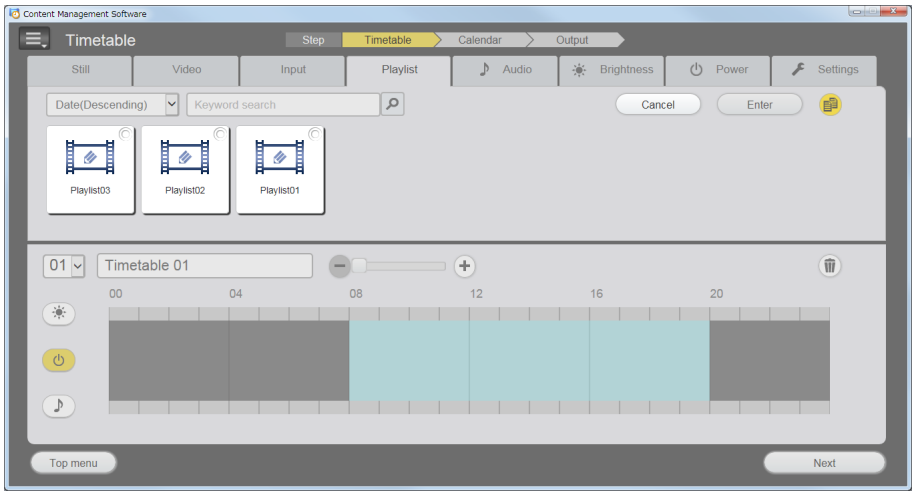
2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.



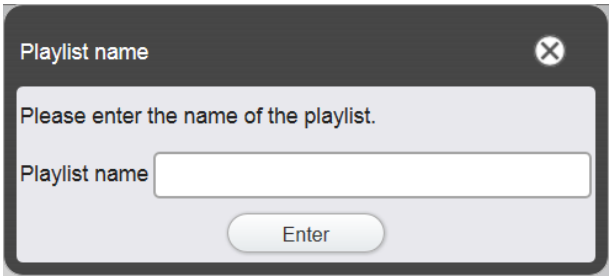
3 Click in the content list.

- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.



4 Select the playlist you want to duplicate, and click the [Enter] button.

- The playlist name entry screen is displayed.



5 Enter the playlist name, and click the [Enter] button.

- Up to 24 characters can be entered as the playlist name.
- The duplicated playlist is displayed in the content list and it is registered in the schedule.

Editing the timetable

Editing the timetable

Contents can be registered to the timetable and timetable name can be changed.

1 Display the [Timetable] screen.

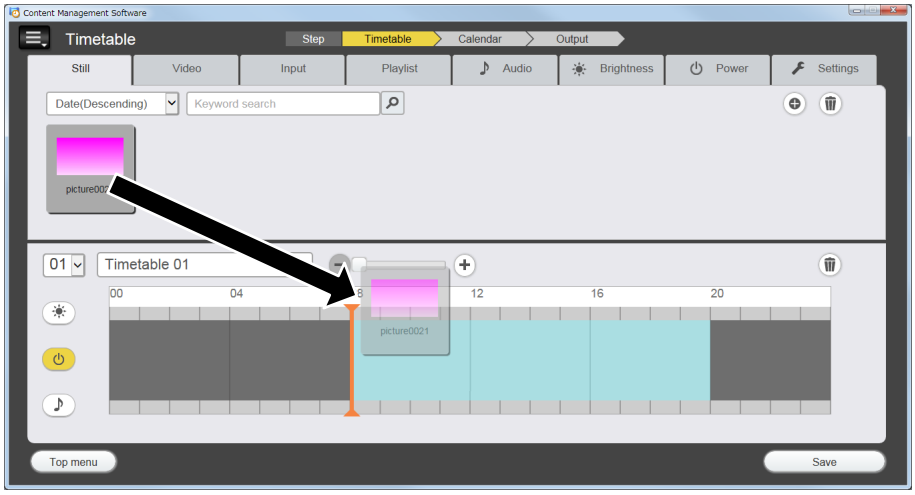
- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click the tab of the content to register in the timetable from the content type tab.

- The display of the content list changes when clicked.

3 Register the content in the timetable.

- Drag & drop the content to register in the timetable from the content list to the timetable at the bottom of the screen.

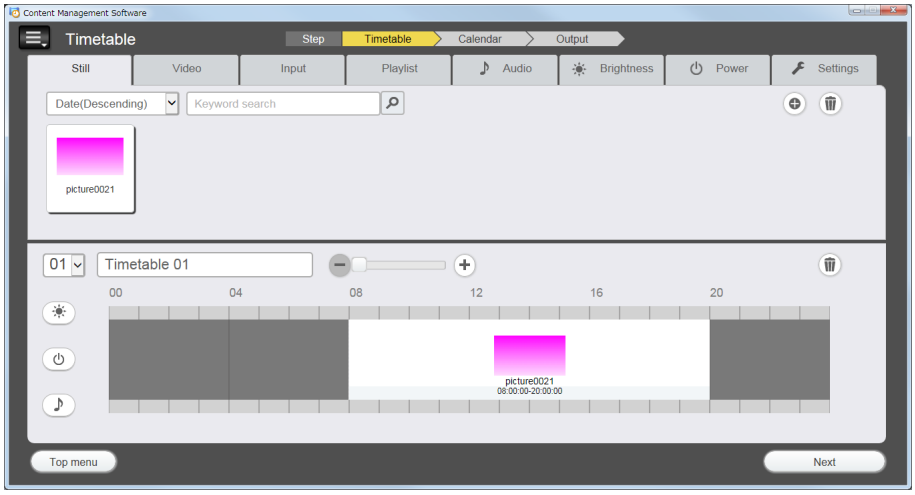


4 Enter the timetable name.

- Enter the name in the timetable name field. Up to 24 characters can be entered as the timetable name.

5 Click the [Save] button.

- The created timetable is registered in the schedule.
- A timetable ID is assigned automatically when the timetable is registered.
- To continuously create the timetable, refer to “Creating the new timetable” (➡ page 42).



Attention

- Register power supply content to the timetable only when the projector is installed in an environment where light from the light source will not enter the eyes of people around the projector even if it starts projection suddenly.

Note

- It is saved with the initial name that is preset when a name is not entered in the timetable name field and the [Save] button is clicked.
- The display scale can be enlarged or reduced by operating the [-]/[+] buttons or slider in the upper part of the timetable. Also, enlargement/reduction adjustment of the display scale can also be performed by operating the mouse wheel when the cursor is over the timetable.
- It cannot register a content to the timetable spanning the start time of the day set in [Time of change-of-day]. [Time of change-of-day] can be set in the [Settings] tab screen.(➡ page 24)
- The power supply content cannot be registered in the timetable in a continuous time. Register to the timetable with a gap of one minute or longer between the previous or next power supply content.

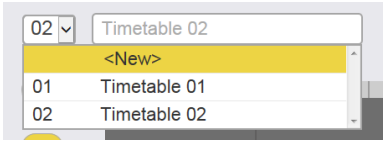
Creating the new timetable

Create the new timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click the timetable ID field and select [<New>].



- A new timetable is displayed. For details of method to register a content to the timetable, refer to “Editing the timetable” (➡ page 41).

Note

- Up to 99 timetables can be registered for each schedule.
- Up to 100 content for each content type (image/music/brightness/power supply) can be registered in one timetable.

Deleting the image content registered in the timetable

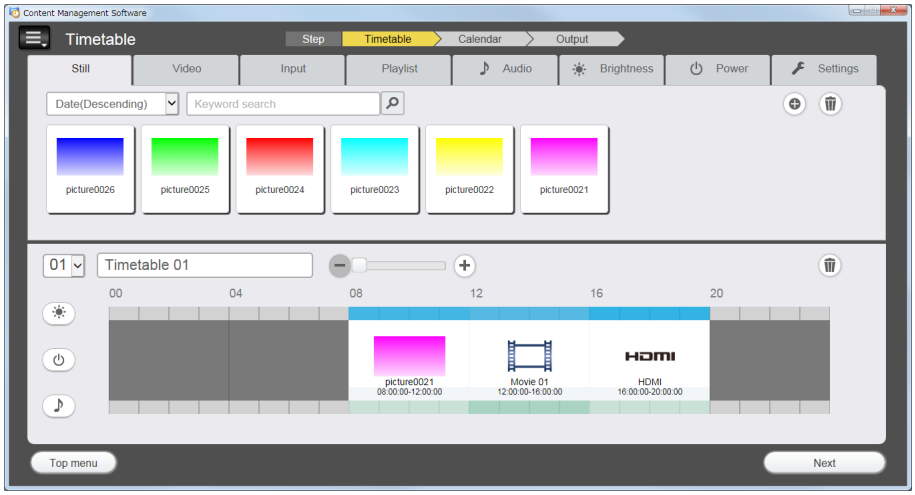
Delete the image content (still image/movie/external input content, playlist) registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Unselect , , and for the timetable.

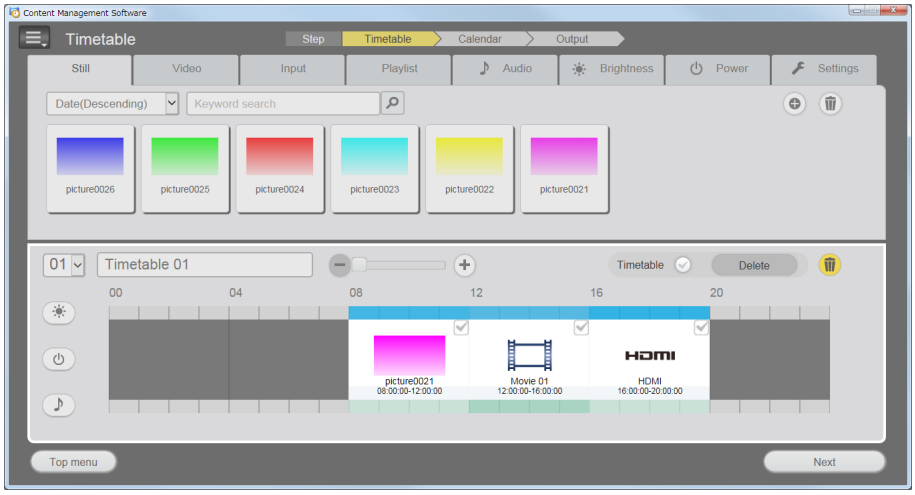
- If any of the icons is displayed in yellow, click the icon to release the selection.



3 Click for the timetable.

- The mode changes to deletion mode.

- Click again to cancel the deletion mode.



4 Select the image content to delete.

- You can select multiple contents.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.

- The selected image content is deleted from the timetable.
- The content is not deleted from the schedule even if that content is deleted from the timetable.

Deleting the music content registered in the timetable

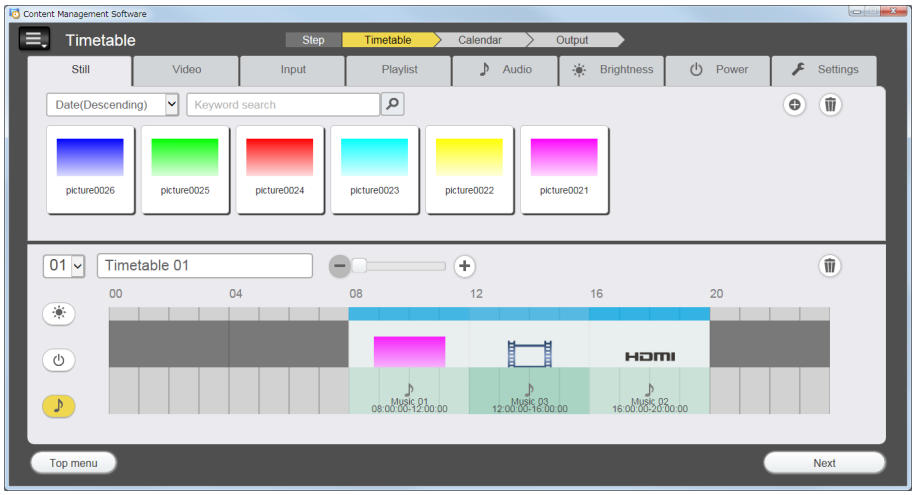
Delete the music content registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click and select in the timetable.

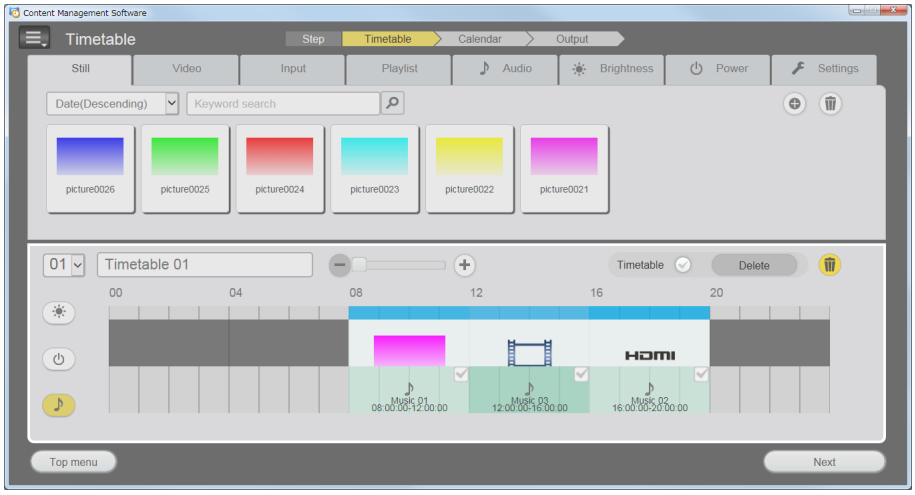
- When selected, the icon color changes to yellow.
- When the icon is displayed in white, it is not selected. Click the icon again.



3 Click for the timetable.

- The mode changes to deletion mode.

- Click again to cancel the deletion mode.



4 Select the music content to delete.

- You can select multiple contents.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.

- The selected music content is deleted from the timetable.

Deleting the brightness content registered in the timetable

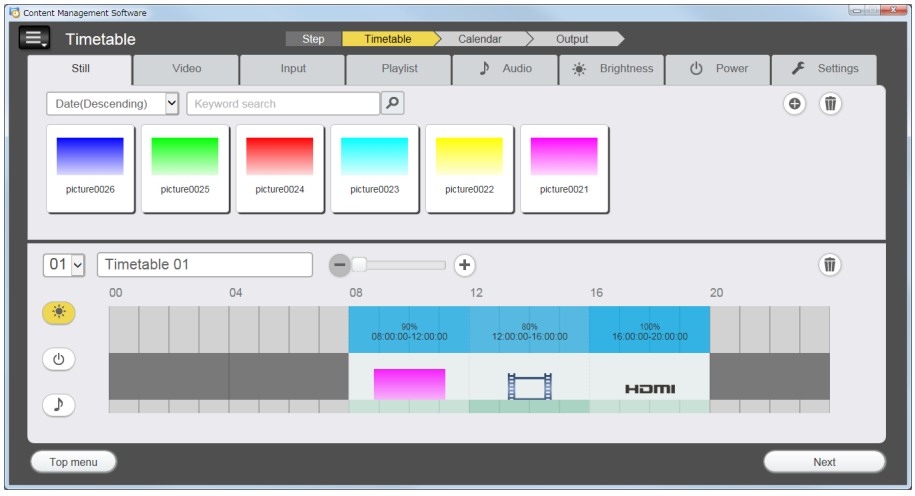
Delete the brightness content registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click and select in the timetable.

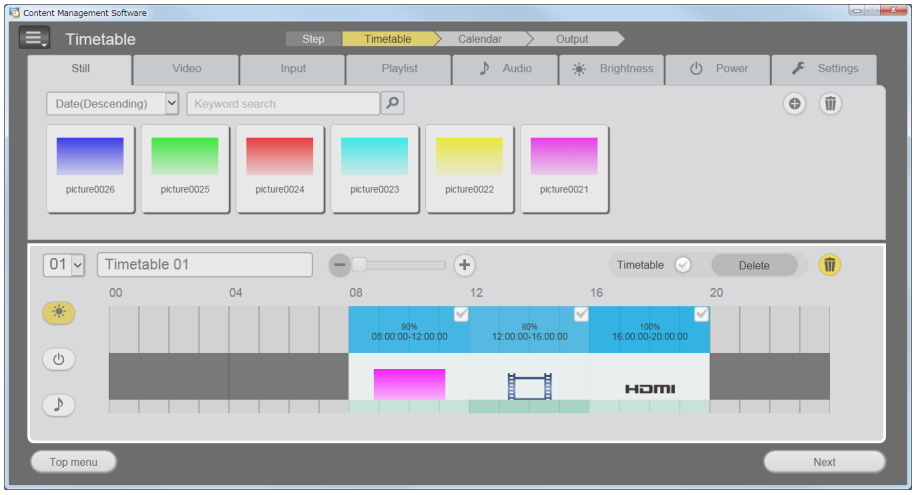
- When selected, the icon color changes to yellow.
- When the icon is displayed in white, it is not selected. Click the icon again.



3 Click for the timetable.

- The mode changes to deletion mode.

- Click again to cancel the deletion mode.



4 Select the brightness content to delete.

- You can select multiple contents.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.

- The selected brightness content is deleted from the timetable.

Deleting the power supply content registered in the timetable

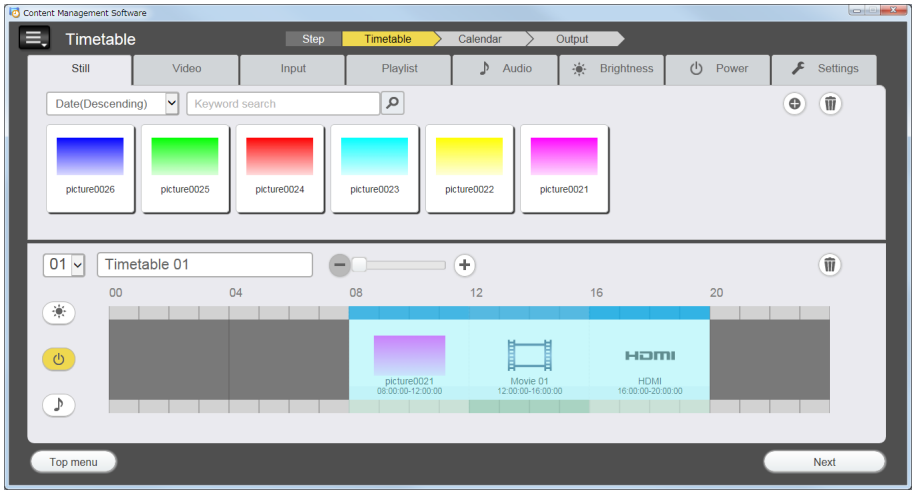
Delete the power supply content registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click and select in the timetable.

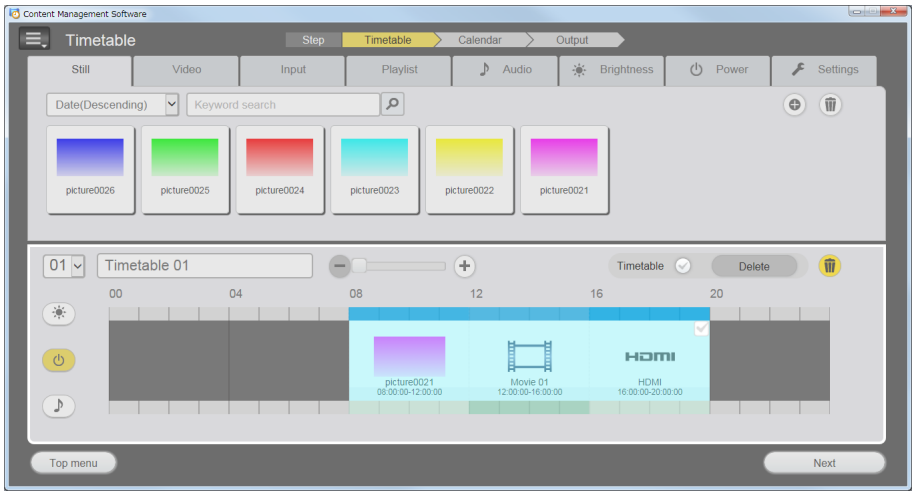
- When selected, the icon color changes to yellow.
- When the icon is displayed in white, it is not selected. Click the icon again.



3 Click for the timetable.

- The mode changes to deletion mode.

- Click again to cancel the deletion mode.



4 Select the power supply content to delete.

- You can select multiple contents.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.

- The selected power supply content is deleted from the timetable.

Deleting the timetable

Delete the registered timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Click the timetable ID field and select the timetable to delete.

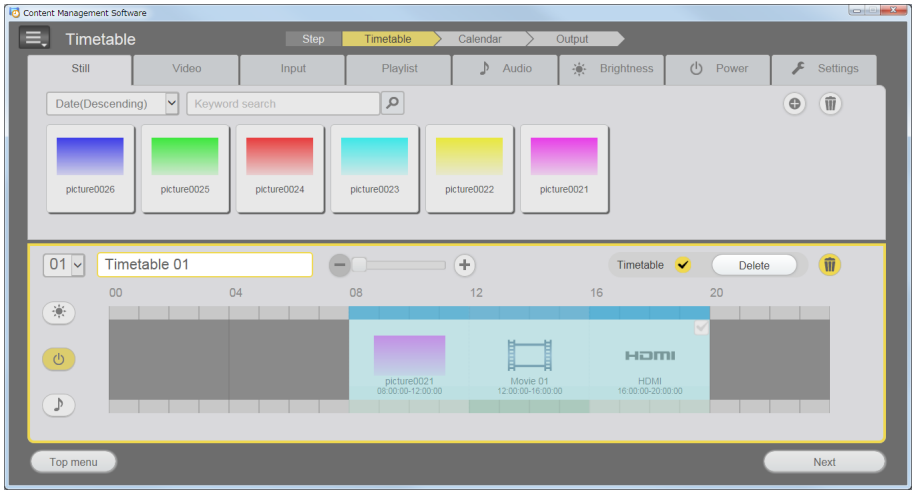
- Selected timetable is displayed.

3 Click for the timetable.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.

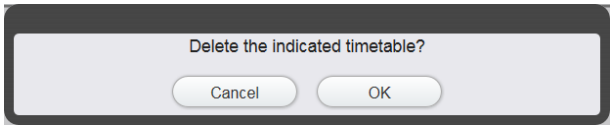
4 Place a check in the [Timetable] field.

- The timetable is now in condition that can be deleted.
- Remove the check in the [Timetable] field to delete the content registered in the timetable.



5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.



- Selected timetable is deleted.

Note

- The timetable cannot be deleted if that timetable is registered in a calendar.

Changing the setting of the content registered in the timetable

Change the settings of the content registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 33).

2 Double click the content to change the setting in the timetable.

- The [Content edit] screen is displayed for each content of which setting is to be changed.

3 Perform various settings, and click the [Enter] button.

- The setting of the content registered in the timetable is updated.

Note

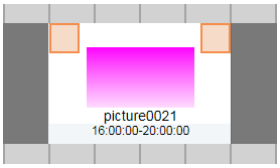
- The content is newly registered and displayed in the content list when [Brightness] of the brightness content is changed and [Enter] button is clicked.

Adjusting the time of content registered to a timetable

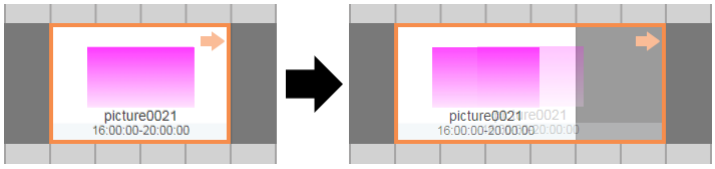
Select content placed on a timetable and then adjust the start time, end time, and playback time.

■When adjusting the time of content by the drag operation

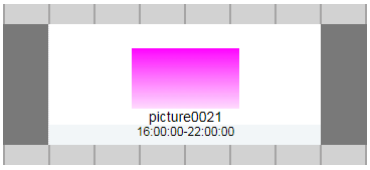
- Click content on the timetable to display handles on both edges at the upper part of the content.



- Select the handle of either the start time or end time of the content and drag to the time to which to adjust.



- The time within the dragged range is applied to the content as the playback time.

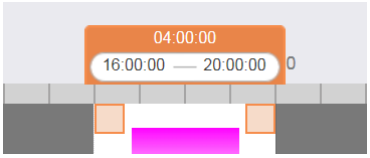


Note

- If other content is already placed at the position to which the time is to be adjusted, the content for which you are attempting to adjust the position will have the priority.

■When adjusting the time of content by direct input

- Click content on the timetable to display the [Time indication] (start time / end time / playback time).



- Select the [Time indication] you wish to adjust and then directly input a value to adjust the time of the content.

Note

- When adjusting the time by direct input, you cannot adjust the start time and end time at the same time. Also, you cannot set a start time that is after the end time nor an end time that is before the start time.

Editing the schedule

Duplicating or deleting of the existing schedule can be performed.

Creating the new schedule

Create the new schedule.

Note

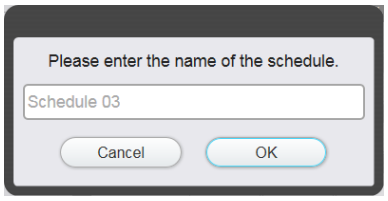
- This is the procedure when there is an existing schedule.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Click New.

- The entry screen for schedule name is displayed.



3 Enter the schedule name, and click the [OK] button.

- The [Timetable] screen is displayed.

Note

- Up to 99 schedules can be registered.
- It is saved with the initial name that is preset when a schedule name is not entered and the [OK] button is clicked.

Changing the schedule name

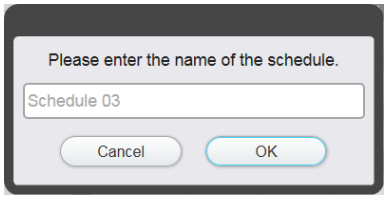
Change the schedule name.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Right-click the schedule to change the schedule name in the schedule list.

- The entry screen for schedule name is displayed.



3 Enter the schedule name, and click the [OK] button.

- The schedule name is changed.

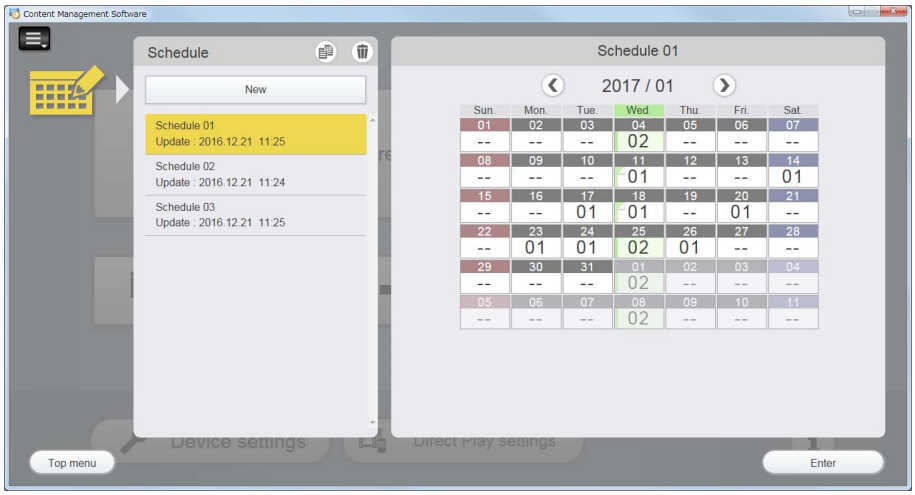
Note

- It is saved with the preset name when a schedule name is not changed and the [OK] button is clicked.

Duplicating the schedule

1 Click the [Create/Edit] menu in the top menu screen.

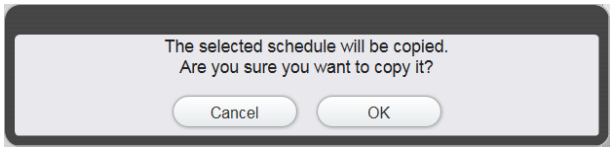
- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.



2 Select the schedule to copy from the schedule list.

3 Click in the schedule list.

4 When the confirmation screen is displayed, click the [OK] button.



5 Enter the schedule name, and click the [OK] button.

- The entry screen for schedule name is displayed. Enter the name of the schedule.
- The schedule is copied.

Note

- The schedule can also be duplicated from the schedule list that is displayed by clicking [by Schedule] from the [Confirmation] menu in the top menu screen.
- It is saved with the preset name (“Copy” + “schedule name”) when a schedule name is not entered and the [OK] button is clicked.
- A schedule created after selecting [LCD Display] in “Launcher screen” can also be duplicated. To edit it as a schedule for a projector, clear the [Expanded functions enable] check box on the [Settings] tab and then click [Save].

Deleting the schedule

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Click in the schedule list.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.

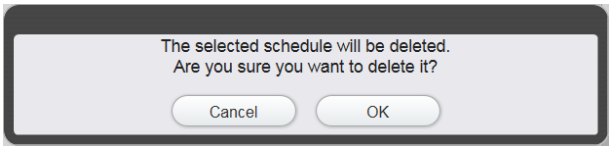
3 Select the schedule to delete.

- A yellow border and a check mark are displayed on the selected schedule.
- Multiple schedules can be selected.

- Remove the check from the selected schedule to cancel the selection.

4 Click the [Delete] button.

5 When the confirmation screen is displayed, click the [OK] button.



- Selected schedule is deleted.

Note

- The schedule can also be deleted from the schedule list that is displayed by clicking [by Schedule] from the [Confirmation] menu in the top menu screen.

Setting the calendar

Setting the timetable to the calendar

1 Click the [Create/Edit] menu in the top menu screen.

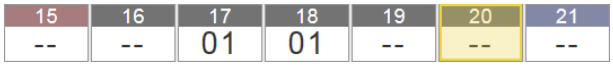
- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

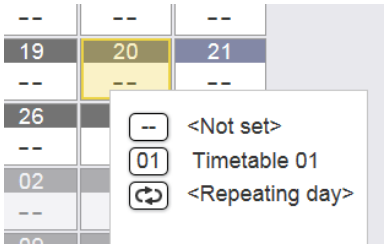
3 Click the day to set the timetable in the calendar.

- A yellow border is displayed on the clicked day and becomes selected.
- Click the selected date again to cancel the selection.



4 Set the timetable.

- Right-click or press and hold for the touch operation on the selected date to display the sub-menu.
- Select the timetable to set and click it.
- Select [<Not set>] to cancel the selection.



Note

- The timetable can be set to multiple dates at once. Same timetable can be set to selected dates by selecting multiple dates, display the sub-menu with the date selected last, select the timetable to set, and clicking it.

Making multiple selections for setting the timetable

To select multiple days, there are methods for selecting days individually and selecting continuous days at once.

Note

- The range of multiple selections is only within the month displayed on the calendar.

Selecting days individually

For details, refer to “Setting the timetable to the calendar” (➡ page 52).

Selecting continuous days at once

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

3 Click on the first day to select at once.

- A yellow border is displayed on the clicked day and becomes selected.
- Click the selected date again to cancel the selection.

4 Click on the last day to select at once while pressing the “Shift” key.

- A yellow border is displayed on all the days within the selected period and becomes selected.
- Click on the day that is selected again while pressing the “Shift” key to cancel the selection.

5 Set the timetable.

- Right-click or press and hold for the touch operation on the selected date to display the sub-menu.
- Select the timetable to set and click it.
- Select [<Not set>] to cancel the selection.
- The timetable selected from the sub-menu is set for all the days in the selected period. For details of the setting method, refer to “Setting the timetable to the calendar” (➡ page 52).

[Repeating day setting]

Set the same timetable every week on the same day of the week. In this case, there is no limitation of the registration period of the schedule.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

3 Click the day to set the timetable in the calendar.

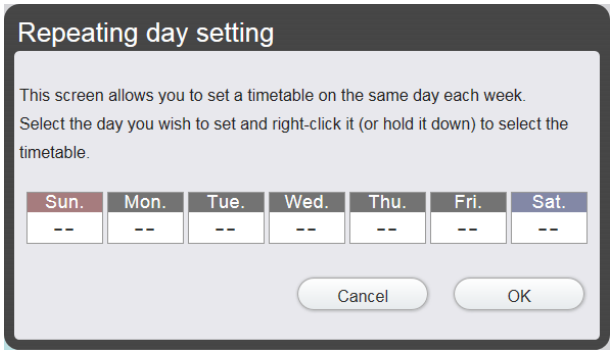
- A yellow border is displayed on the clicked day and becomes selected.
- Click the selected date again to cancel the selection.

4 Right-click or press and hold for the touch operation on the selected day.

- The sub-menu is displayed.

5 Select [<Repeating day>].

- The [Repeating day setting] screen is displayed.



6 Select the day of the week to set the timetable.

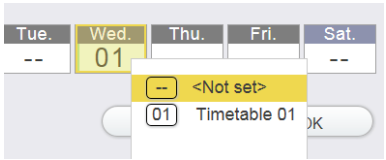
- A yellow border is displayed on the clicked day of the week and becomes selected.

7 Right-click or press and hold for the touch operation on the selected day of the week.

- The sub-menu is displayed.

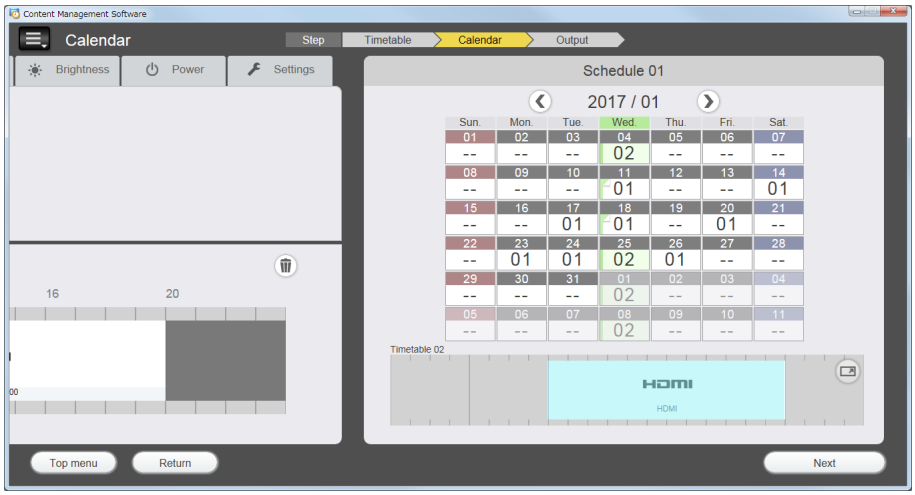
8 Select the timetable to set with the sub-menu.

- Select [<Not set>] to cancel the selection.



9 Click the [OK] button.

- The set timetable ID is displayed on all the days of the set day of the week.



Note

- The individually set timetable will have the priority when there is a timetable individually set in the week of the day set with [Repeating day setting]. To prioritize the [Repeating day setting] setting, set this after deleting the individually set timetable.

■Calendar display

The display method of the calendar varies depending on the content set in the calendar.

•When the timetable is set individually only on specific dates (individual setting)

- Display is like 04 / 01 on the calendar.

•When repeating day only is set

- Display is like 04 / 01 on the calendar.

•When the repeating day setting and individually setting are set overlapped

- Display is like 04 / 01 on the calendar.

•About a day for which the repeating day setting exists

- Display is like Wed. on the calendar.

Note

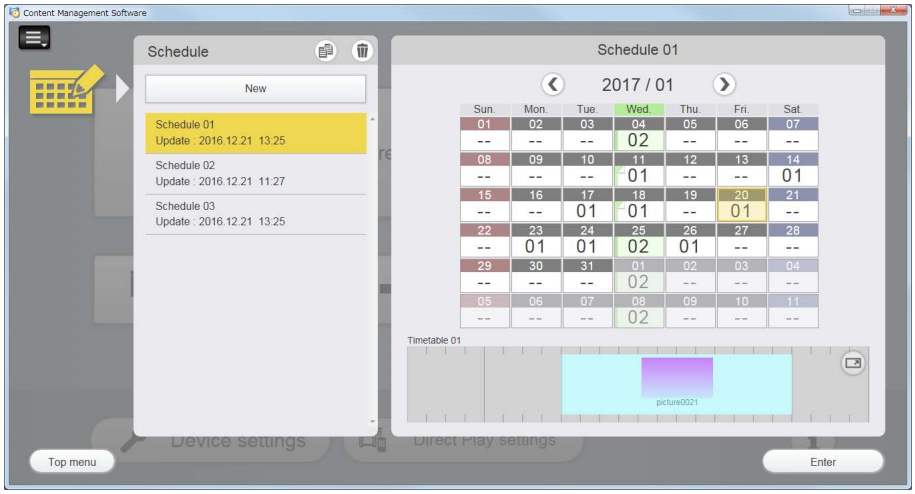
- If the individual setting is set when the repeating day setting already exists on the calendar, the individual setting will have priority.

Enlarged display of the timetable

The timetable set in the calendar can be displayed enlarged.

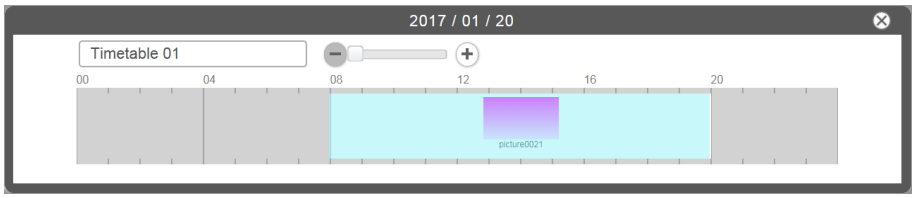
1 Select the date to display enlarged from the calendar.

- The timetable for the selected date is displayed at the bottom of the calendar.



2 Click for the timetable.

- The timetable is displayed enlarged.



- Click to end the enlarged display.

Outputting the created schedule

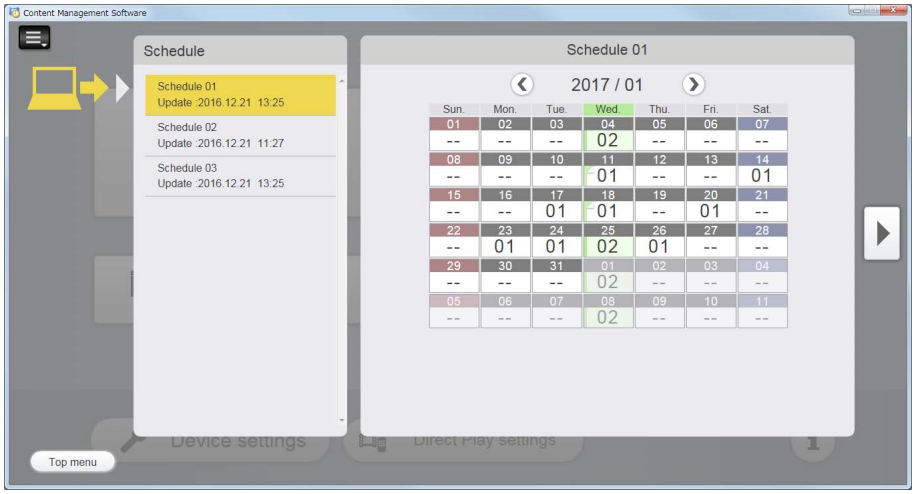
The created schedule can be output by two methods, SD or LAN.

For details on [Output], refer to “[Output] screen” (➡ page 27).

Register the network information of the output device in advance when outputting to the device directly via LAN. For details, refer to “Registering the output device information” (➡ page 66).

1 Click the [Output] menu in the top menu screen.

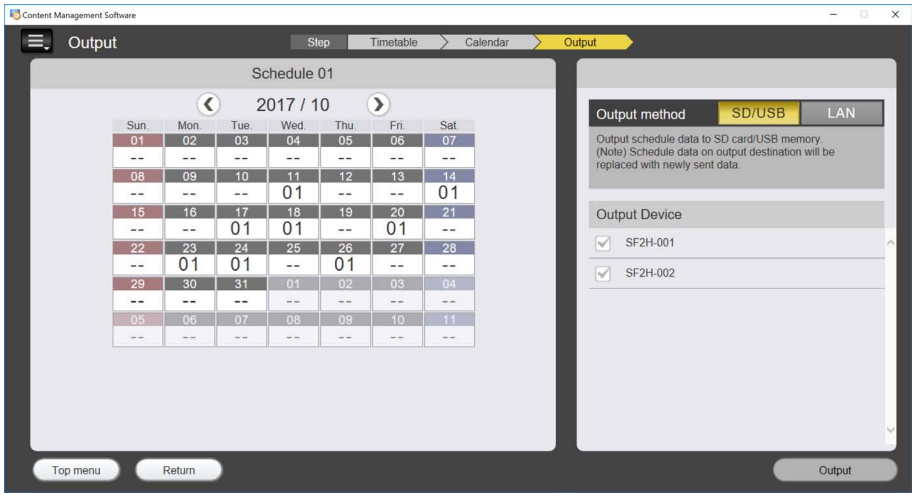
- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.



2 Select the schedule to output from the schedule list.

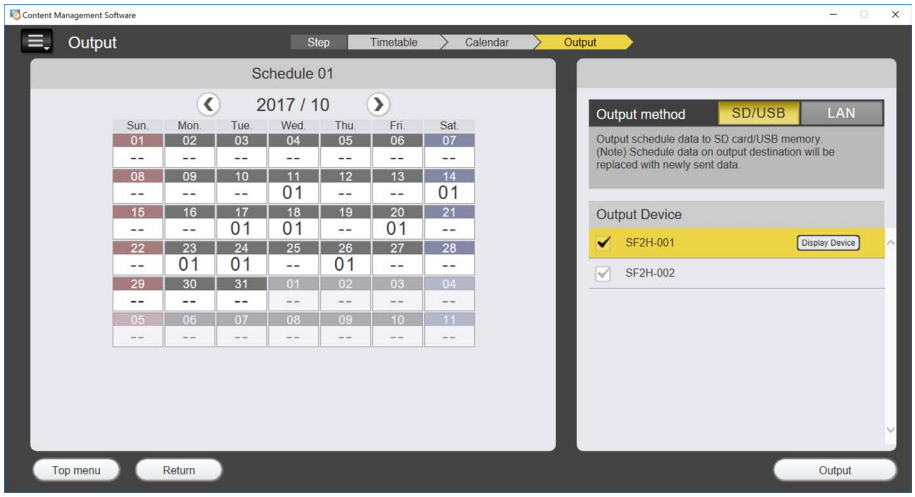
3 Click the [▶] button.

- The [Output] screen is displayed.
  Set how to output the selected schedule to which device.



4 Select the output method and the output device.

- Select the output method and the output device for the created schedule. Selected method and device are displayed in yellow. Also, selected device is displayed with a check mark.
- When [LCD display] is selected in the launcher screen and then the information is registered, and the [Display Device] button of the [Device settings] menu is that of the selected device, the device is indicated as [Display Device] when it is selected.

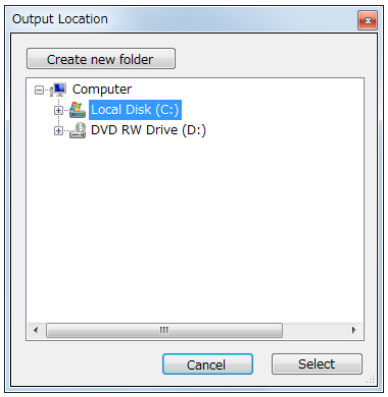


5 Click the [Output] button.

■When [SD/USB] is selected as the output method

i) Click the [Output] button.

- The selection screen of the output location is displayed.



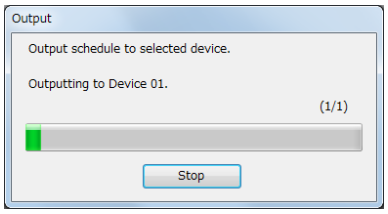
ii) Select the output location, and click the [Select] button.

- The schedule is output to the selected location, and the confirmation screen for completing the output is displayed.
- The confirmation screen is displayed when a removable media is selected as the output location. Insert the SD card and click the [OK] button.

■When [LAN] is selected as the output method

i) Click the [Output] button.

- A check is performed if output is possible via the network setting of the selected device.



- Once the output is completed, the confirmation screen of completing the output is displayed.

Note

- If the previously output data is set as the output destination, the previous data is overwritten with the newly output data.
- To output via LAN, confirm that the SD card is inserted in the device.
- is displayed at the right of the device name for the device that has previously output with a different schedule.
- It cannot output with LAN when the device is playing back a schedule.
- The operation of the device is not guaranteed when that device starts a playback of a schedule while outputting via LAN.
- If the size of the schedule exceeds 2 GB, the schedule cannot be output via the LAN to the PT-JW130 series.
- It may take some time to complete the output depending on the size of the schedule.

Confirming the content of the created schedule

The setting condition of the schedule created and saved with the Content Management Software can be confirmed.
There are two methods to confirm, the method to select from the date and the method to select from the schedule.

Confirming the content by selecting the date

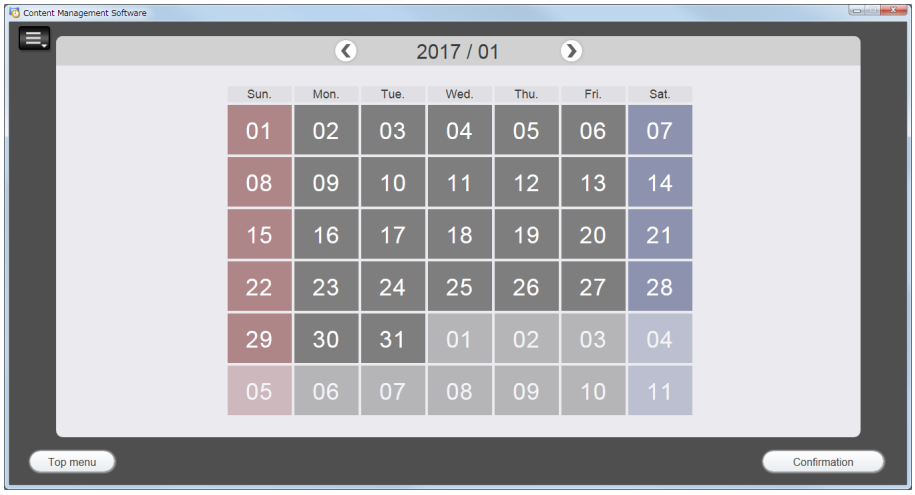
It is possible to confirm by the date of what timetable is set for which device.

1 Click the [Confirmation] menu in the top menu screen.

- The [Confirmation] menu screen is displayed.

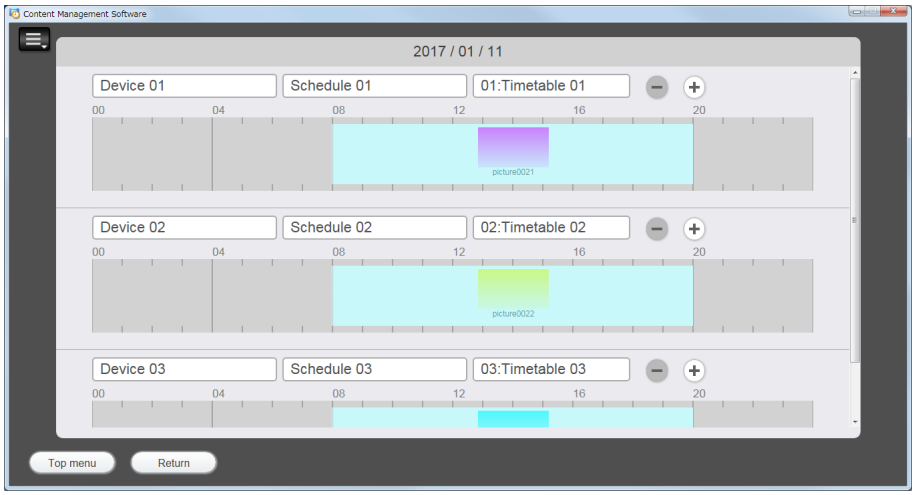
2 Click [by Date].

- The calendar is displayed.



3 Select the date to confirm and click the [Confirmation] button.

- The timetable set for the selected date is displayed by each device.
- To confirm other date, click the [Return] button, return to the calendar, and select the date.



Note

- The timetable of a device for which a schedule has not been output is displayed in a state with nothing set, and "--" is indicated for the schedule name and timetable name.

Confirming the content by selecting the schedule

The timetable set for each date can be confirmed.

1 Click the [Confirmation] menu in the top menu screen.

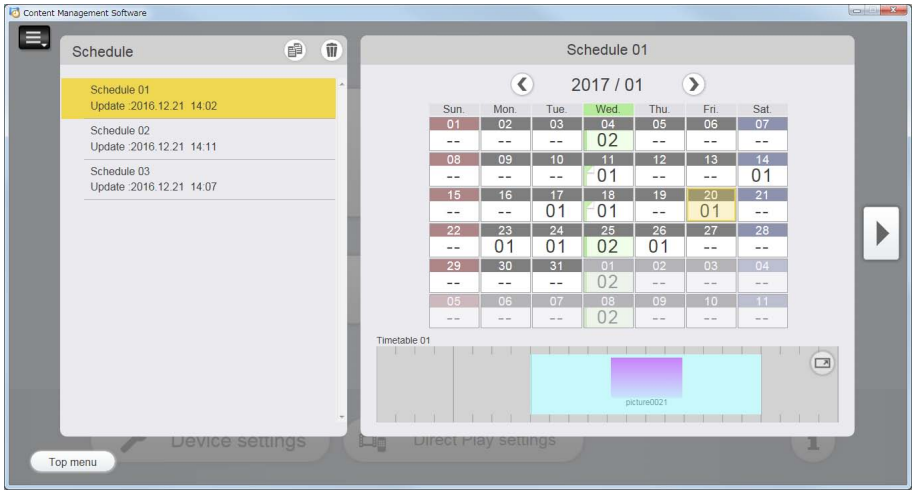
- The [Confirmation] menu screen is displayed.

2 Click [by Schedule].

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

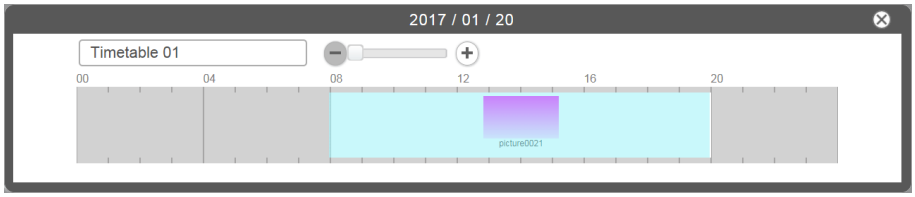
3 Select the schedule to confirm from the schedule list.

- Content of the selected schedule can be confirmed in the calendar.



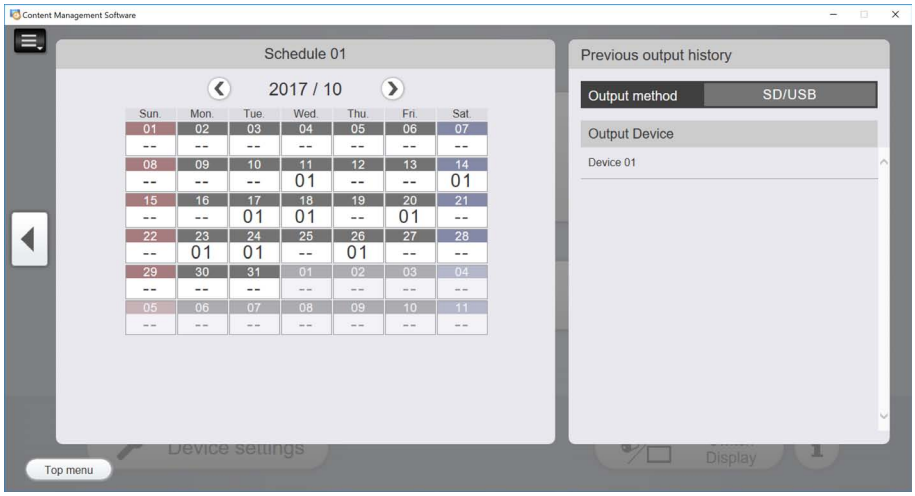
4 Click the date to confirm in the calendar.

- The timetable is displayed below the calendar when clicking the date for which the timetable is set.
- Click of the timetable to enlarge the display of the timetable.



5 Click the [▶] button.

- The [Previous output history] screen is displayed.
  It is possible to confirm that the selected schedule was output to which device in what output method previously.



- To confirm other schedule, click the [◀] button to return to the schedule list and select a schedule.

Reading the schedule

Content Management Software can read and edit schedules that were created with Content Manager installed in a device and data output when [SD/USB] is selected for the output method from the [Output] menu.

Reading the data in the SD card

Following data can be read as a new schedule and edit it.

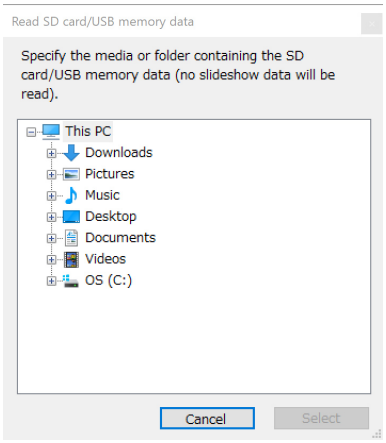
- The data created by the Content Manager installed in the device
- The data output by selecting [SD/USB] as the output method with the [Output] menu

1 Click the [Read] menu in the top menu screen.

- The [Read] menu screen is displayed.

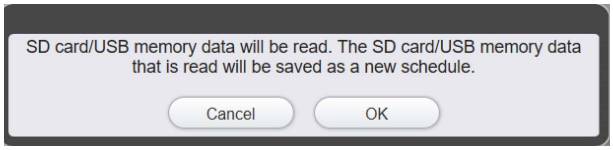
2 Click [SD/USB memory data].

- The screen to select the data to read is displayed.



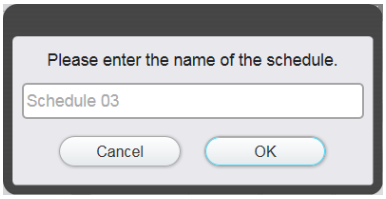
3 Select the media or the folder where the data to read is located, and click the [Select] button.

- Select the media or the folder where the “PRIVATE” folder is located.
  For details about the “PRIVATE” folder, refer to the Operating Instructions of the device.
- A confirmation screen to save as a new schedule is displayed.



4 Click the [OK] button.

- The entry screen for schedule name is displayed.

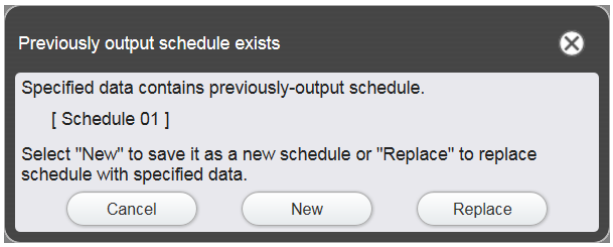


5 Enter the schedule name, and click the [OK] button.

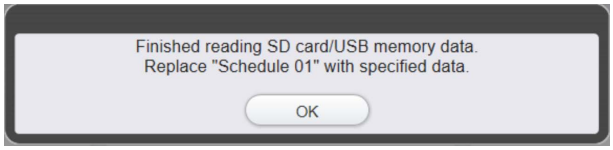
- Read of the SD card data is completed.

■When following confirmation screen is displayed in Step 3

- Select if it is to be created as a new schedule or to overwrite the schedule with the selected data when there is a schedule that was output previously.
  To create as a new schedule, click the [New] button, and to overwrite the schedule with the selected data, click the [Replace] button.



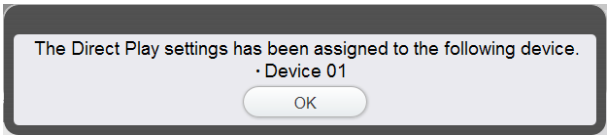
- The entry screen of the schedule name described in Step **4** is displayed when the [New] button is clicked, so proceed to Step **5** from there.
- The confirmation screen is displayed after overwriting of the schedule is completed when the [Replace] button is clicked, so click the [OK] button.



■When following confirmation screen is displayed in Step 5

- When direct play settings data exists in the data to be read, select the device to which to assign that direct play settings data.
  If the direct play settings data will be assigned to a device, select the device to which to assign it, and if the direct play settings data will not be read, select [Do not assign.], and then click the [OK] button.

- If you select a device and then click the [OK] button, a confirmation screen is displayed after overwriting of the direct play settings data on the selected device completes. Click the [OK] button.



Note

- It may take some time for the read to complete depending on the size of the SD card data.
- The Content Management Software does not support the editing of the Content Manager slideshow. The slideshow is discarded at the time the data is read when a slideshow is included in the data to be read.

Reading the data backed up with the device

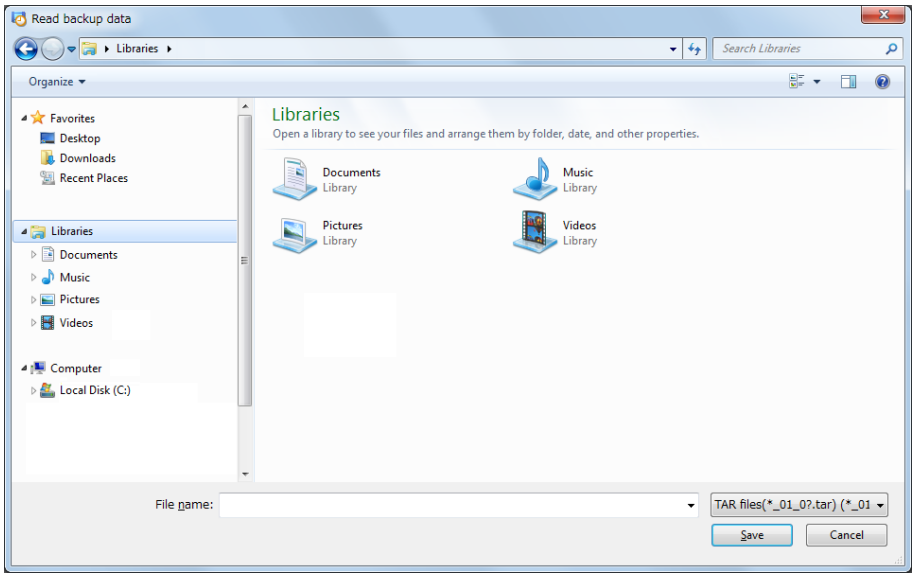
The data backed up with the Content Manager installed in the device can be read.

1 Click the [Read] menu in the top menu screen.

- The [Read] menu screen is displayed.

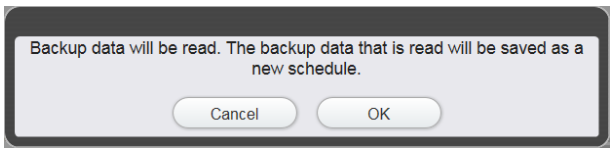
2 Click [Backup data].

- The screen to select the data to read is displayed.



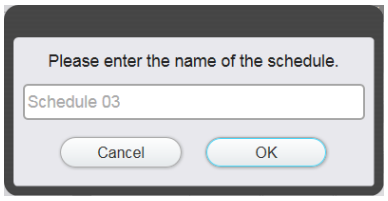
3 Select the back up data to read and click the [Open] button.

- A confirmation screen to save the back up data as a new schedule is displayed.



4 Click the [OK] button.

- The entry screen for schedule name is displayed.



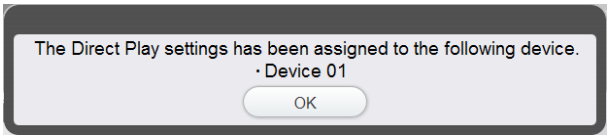
5 Click the [OK] button.

- Read of the back up data is completed.

■When following confirmation screen is displayed in Step 5

- When direct play settings data exists in the data to be read, select the device to which to assign that direct play settings data.
  If the direct play settings data will be assigned to a device, select the device to which to assign it, and if the direct play settings data will not be read, select [Do not assign.], and then click the [OK] button.

- If you select a device and then click the [OK] button, a confirmation screen is displayed after overwriting of the direct play settings data on the selected device completes. Click the [OK] button.



Note

- It may take some time for the read to complete depending on the size of the back up data.

Transferring the data to another computer

The Content Management Software can transfer the data to another computer.
The set of data managed by the Content Management Software can be output as a batch as a “transfer data” or read as a batch. Also, all the contents and schedules currently used can be transferred to another computer with the Content Management Software installed.

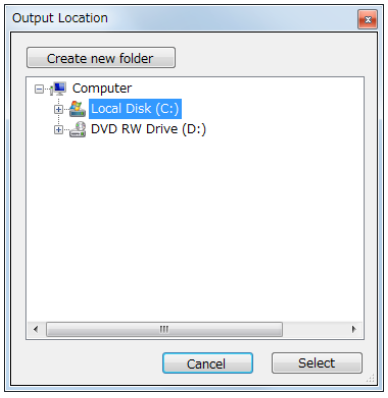
Outputting the transfer data

1 Click the [Migrate Data] menu in the top menu screen.

- The [Migrate Data] menu screen is displayed.

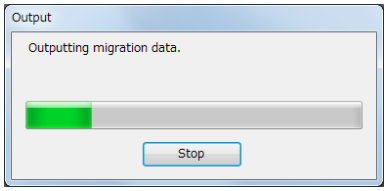
2 Click [Output].

- The screen to select the output destination is displayed.

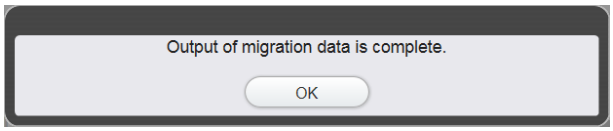


3 Specify the folder to be the output destination and click the [Select] button.

- The output destination folder that can be selected is as follows.
  Computer, network shared folder/drive, removable media



- Once the output is completed, the confirmation screen of completing the output is displayed.



4 Click the [OK] button.

- Creation of the transfer data is completed.
- The transfer data file is divided into multiple files when the file size of the data is 2 GB or larger.

Note

- The transfer data contains all information regarding the relevant schedule such as content registered in the timetable and various system setting information.
- It may take some time to complete the output depending on the size of the schedule. It may also take some time when a removable media is specified as the output destination.

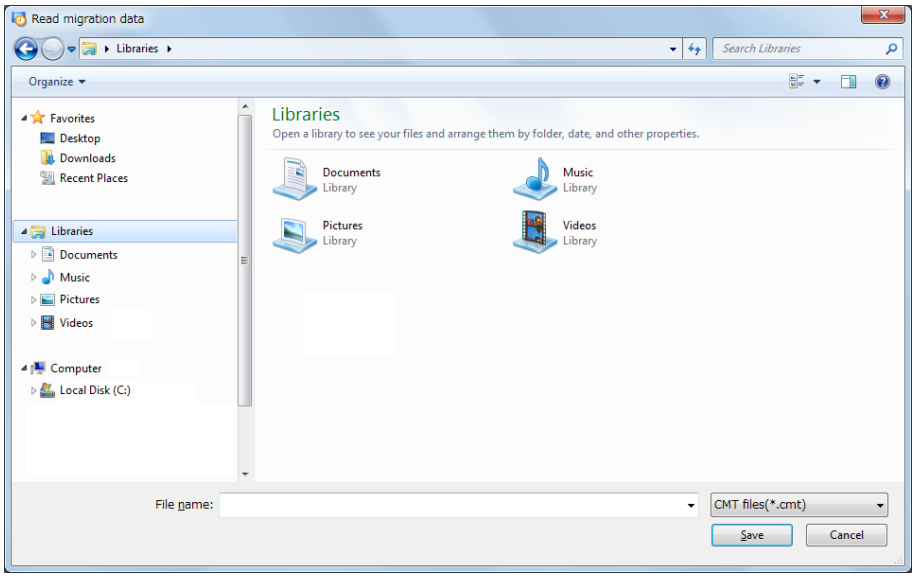
Reading the transfer data

1 Click the [Migrate Data] menu in the top menu screen.

- The [Migrate Data] menu screen is displayed.

2 Click [Read].

- The screen to select the transfer data is displayed.



3 Select the data to read and click the [Open] button.

4 Click the [OK] button.

- Read of the transfer data is completed.
- Only the first file is displayed in case of file that was divided to multiple files.

Note

- It may take some time for the read to complete depending on the size of the transfer data.

Registering and changing the output device information

Register the network information of the output device in advance when outputting to the device that the schedule was specified via LAN.

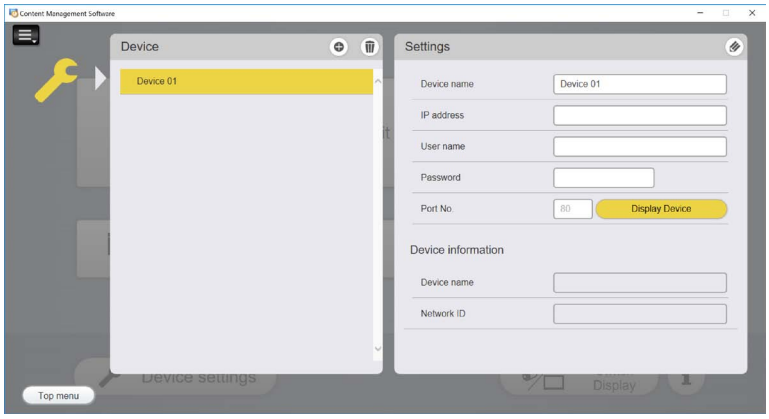
Note

- There is a device called [Device 01] prepared in [Output Device] even if there is no device registered.
  Only [Device name] is registered for [Device 01]. Perform the setting of the device when outputting directly to a specified device via LAN.
- Up to 99 devices can be registered.
- The output devices also include those registered in [Device settings] when [LCD Display] was selected in “Launcher screen”.

Registering the output device information

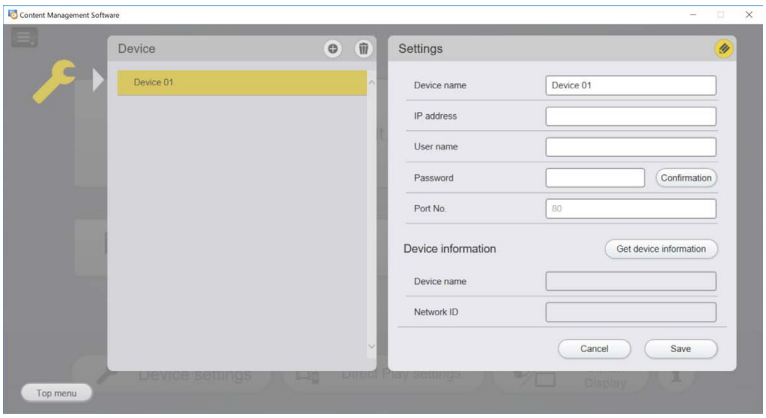
1 Click the [Device settings] menu in the top menu screen.

- The device list is displayed at the left side of the screen and the content of setting is displayed at the right side of the screen.



2 Set to the edit mode.

- Click in [Settings] to edit the device information.
- Click in the device list to add the device information.



3 Enter [Device name], [IP address], [User name], [Password], and [Port No.].

- Register the network information of the output device.
- The initial value of [Port No.] is 80. The settings do not need to be changed from the initial values.
- It is necessary to enter the [User name] and [Password] with the administrator rights for the Content Manager. For details on the user name and password of the Content Manager, refer to the Operating Instructions of the device.

4 Click the [Confirmation] button.

- Confirm if the registered output device network information is correct by communicating with the device.
  [Device name] and [Network ID] are displayed when the connection confirmation with the output device is performed correctly.
- Click the [OK] button if the confirmation screen indicating the network connection has failed.
  Confirm the network information of the output device again, and enter the correct information.

5 Click the [Save] button.

- The content under work is saved and the edit mode is ended.
- Click the [Cancel] button or the button to end the edit mode without saving the content under work.

Changing the output device information

The information for the registered output device can be changed.

1 Click the [Device settings] menu in the top menu screen.

- The device list is displayed at the left side of the screen and the content of setting is displayed at the right side of the screen.

2 Click the device to change the registered information in the device list.

3 Click .

- The mode is changed to the edit mode.

4 Change the registration information.

- Change [Device name], [IP address], [User name], [Password], and [Port No.].
- If the device name was changed at the output device, click the [Get device information] button, and proceed to Step **6** once the information is acquired.

5 Click the [Confirmation] button.

- [Device name] and [Network ID] is displayed when the network information of the registered output device is correctly entered.
- Click the [OK] button if the confirmation screen indicating the network connection has failed.
  Confirm the network information of the output device again, and enter the correct information.

6 Click the [Save] button.

- The content under work is saved and the edit mode is ended.
- Click the [Cancel] button or the button to end the edit mode without saving the content under work.

Deleting the output device information

1 Click the [Device settings] menu in the top menu screen.

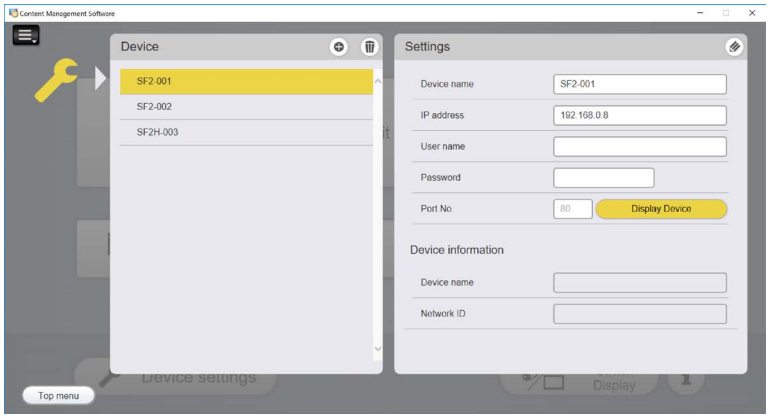
- The device list is displayed at the left side of the screen and the content of setting is displayed at the right side of the screen.

2 Click in the device list.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.

3 Select the device to delete.

- A yellow border and a check mark are displayed on the selected device.
- Multiple devices can be selected.



4 Click the [Delete] button.

5 When the confirmation screen is displayed, click the [OK] button.

- The selected device is deleted.

Operation method of direct play settings

Direct play settings are a function for configuring the settings necessary for assigning a playlist to multiple devices to perform simultaneous playback (direct play) using, for example, the remote control supplied with a device. The procedure to create the data required for executing direct play on the device side is described here. For details on how to execute direct play on the device side, refer to the operating instructions of the device. Direct play settings are not supported by devices of the PT-JW130 series.

Note

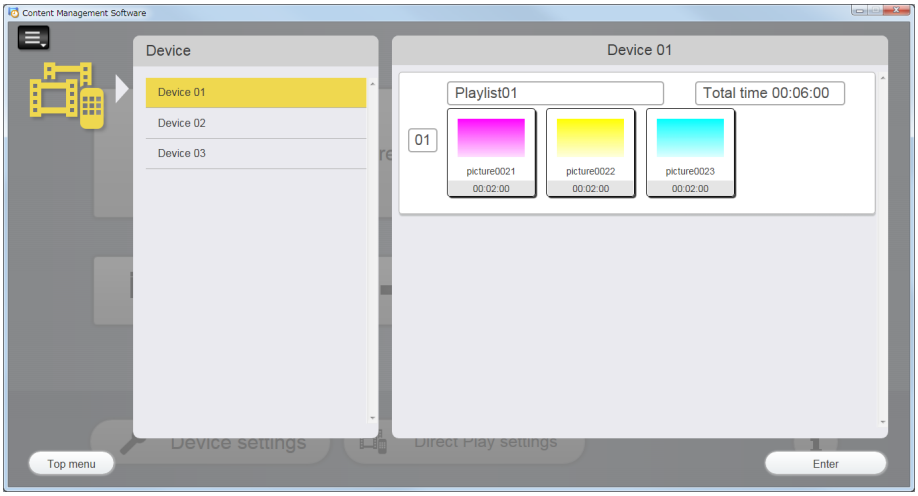
- A device with the [Display Device] button of [Device settings] menu selected that was registered when [LCD Display] was selected in "Launcher screen" is not displayed in the Direct Play Settings menu.
  To display it, select [Switch Display] menu from the top menu screen or drop-down list, select [LCD display], select the device you wish to display in the [Device settings] menu, deselect the [Display Device] button of edit mode, and then save the settings.

Assigning a playlist to a remote control ID

Assign a playlist to the remote control ID for each device.
The playlist needs to be created in advance. For details on creating a playlist, refer to "Creating the playlist" (➡ page 35).

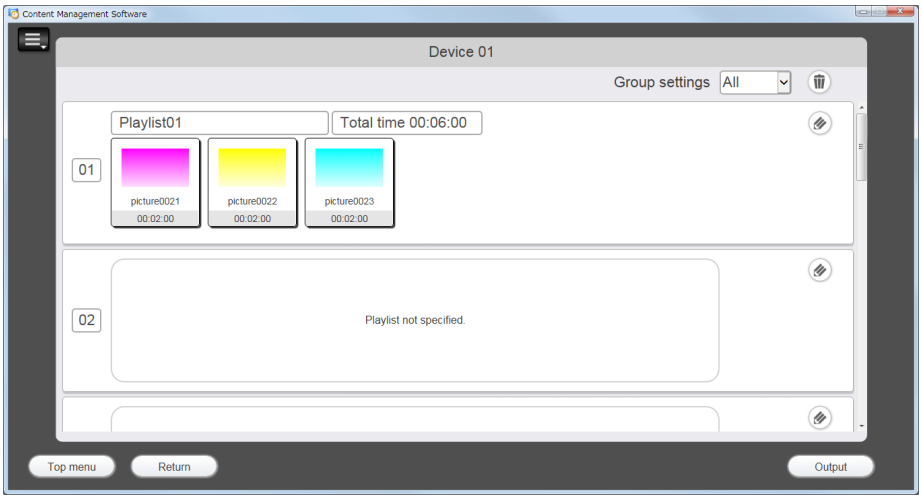
1 Click the [Direct Play settings] button in the top menu screen.

- The [Direct Play settings] screen is displayed.



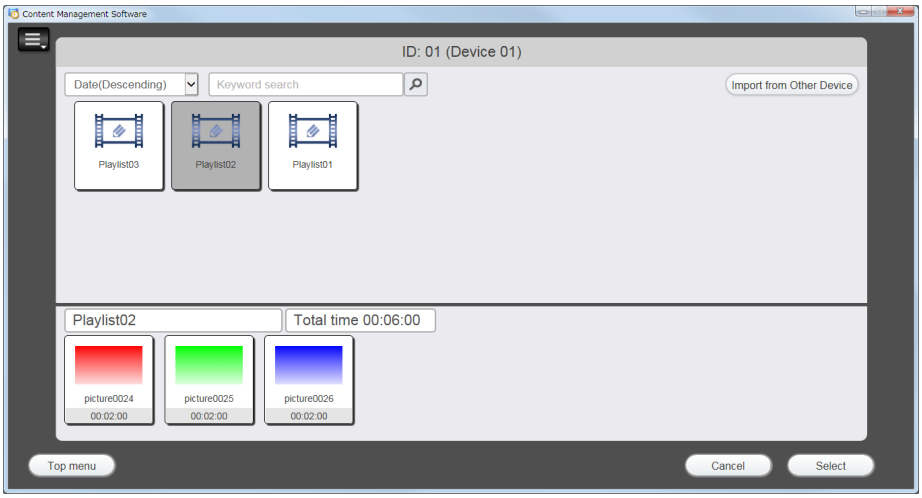
2 Select the device to edit and click the [Enter] button.

- The [Remote control ID assignment] screen is displayed.



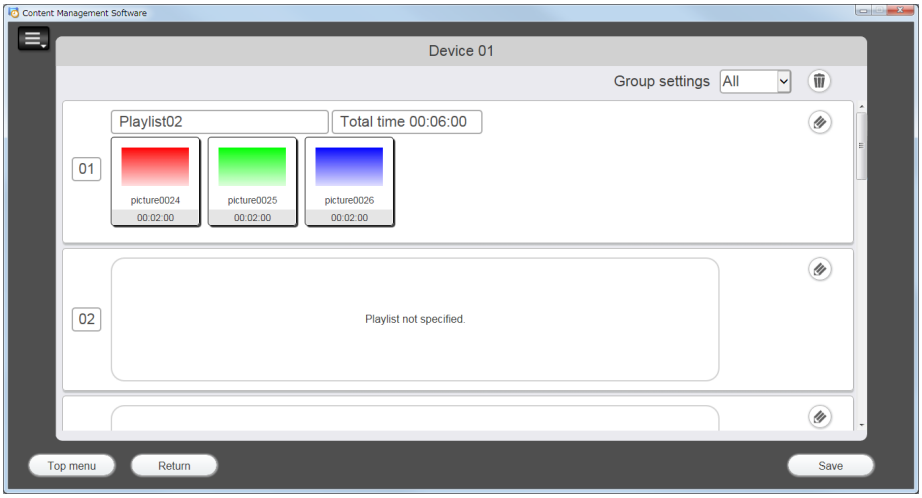
3 Click of remote control ID to which to assign a playlist.

- The [Playlist Selection] screen is displayed.



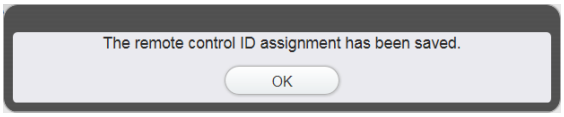
4 Select the playlist to assign and click the [Select] button.

- If you want to continue to assign playlists to other remote control IDs, return to Step **3** and repeat.



5 Click the [Save] button.

6 When the confirmation screen is displayed, click the [OK] button.



- The remote control ID assignment is saved.

Note

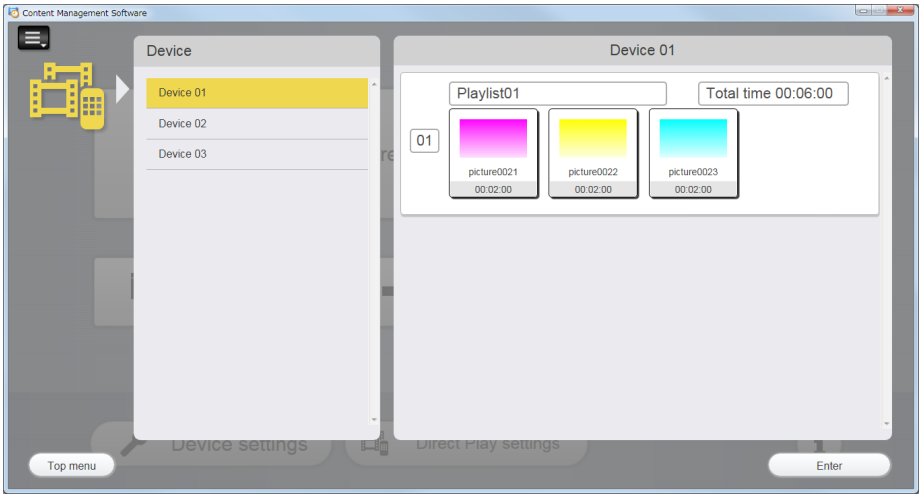
- The remote control ID number is used when executing direct play on the device side, and refers to the number button of the remote control supplied with the device.

Deleting a remote control ID assignment setting

Delete a setting of the playlist assigned to a remote control ID.

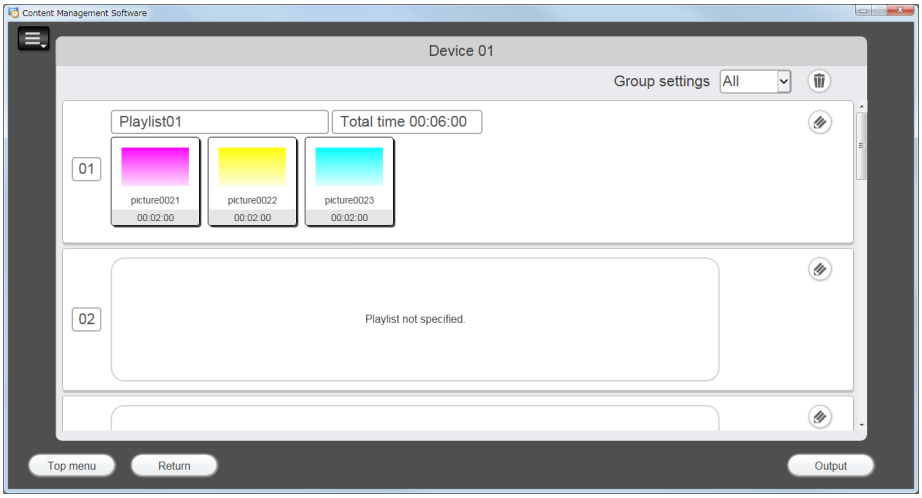
1 Click the [Direct Play settings] button in the top menu screen.

- The [Direct Play settings] screen is displayed.



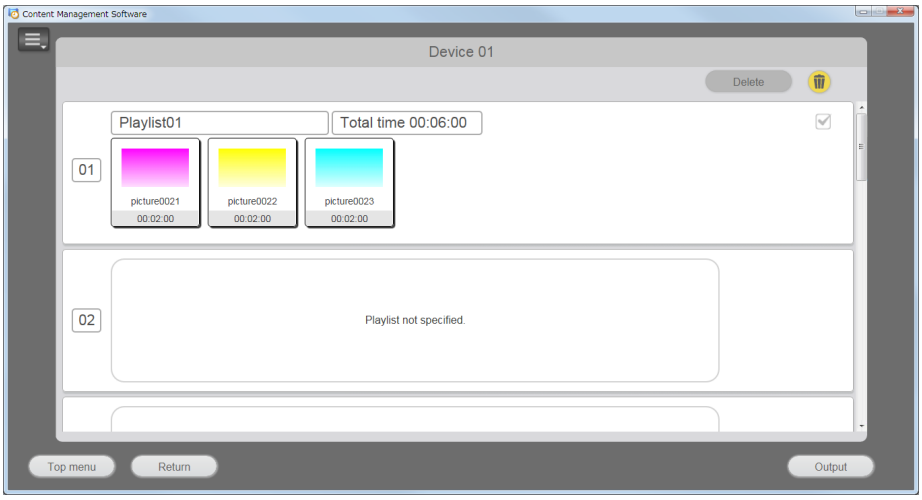
2 Select a device from the device list and click the [Enter] button.

- The [Remote control ID assignment] screen is displayed.



3 Click at the top right of the [Remote control ID assignment] screen.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.

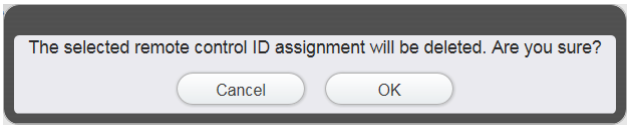


4 Select the remote control ID assignment setting to delete.

- Multiple assignment settings can be selected.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.



7 Click the [Save] button.

- The selected remote control ID assignment setting is deleted.

Importing a playlist from another device

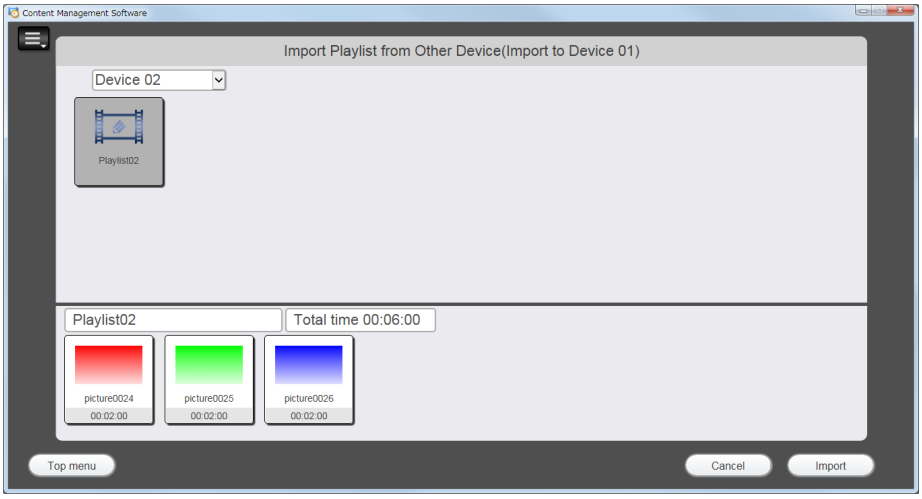
Select the playlist to set from the list of playlists assigned to the remote control ID of another device and assign it to the remote control ID.

1 Display the [Playlist Selection] screen.

- For details on how to display the [Playlist Selection] screen, refer to “Assigning a playlist to a remote control ID” (➡ page 68).

2 Click the [Import from Other Device] button at the top right of the [Playlist Selection] screen.

- The [Import from Other Device] screen is displayed.



3 Select a device from the [Device List] at the top left of the screen.

- A list of the playlists assigned to the remote control ID of the selected device is displayed.
- When you select the playlist to set from the list of playlists, the content of the selected playlist is displayed in the playlist preview at the bottom of the screen.

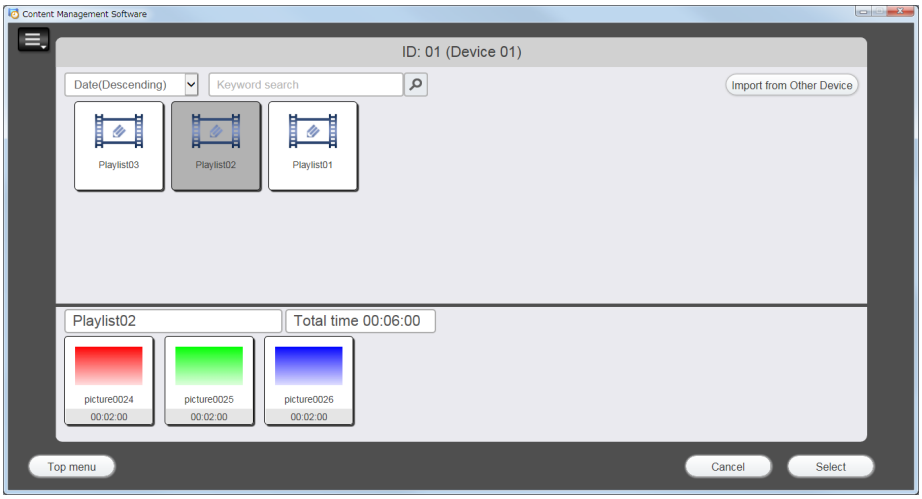
4 Select the playlist to set and click the [Import] button.

5 When the confirmation screen is displayed, click the [OK] button.

- Once the import is completed, the confirmation screen of completing the import is displayed.

6 Click the [OK] button.

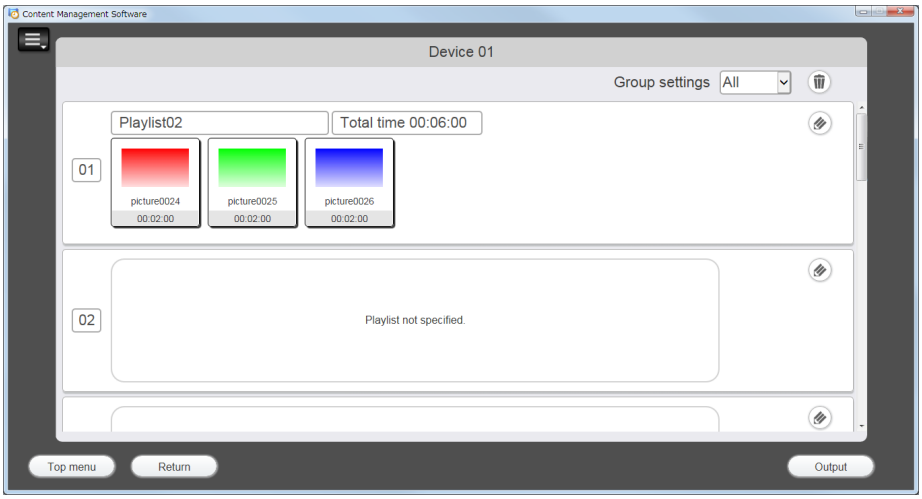
- The imported playlist is assigned to the specified remote control ID and the [Playlist Selection] screen is displayed.



7 Click the [Select] button.

8 Click the [Save] button.

- The playlist is set for the specified remote control ID and the [Remote control ID assignment] screen is displayed.

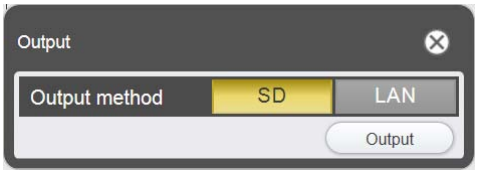


Outputting the direct play settings to the device

Output the setting information of the remote control ID to which you assigned the playlist.

1 Click the [Output] button displayed in the [Remote control ID assignment] screen.

- The [Output] screen is displayed.



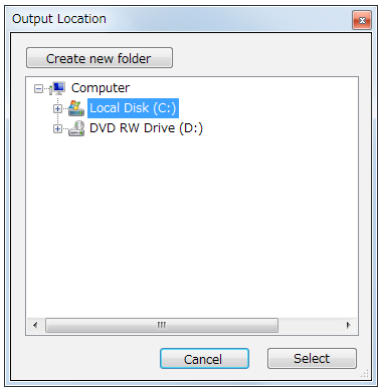
2 Select the output method and click the [Output] button.

- There are two output methods, SD and LAN.

■ When [SD/USB] is selected as the output method

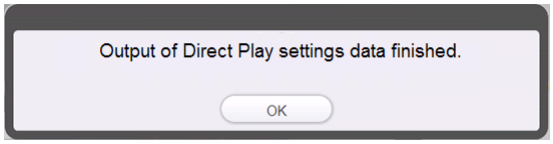
i) Click the [Output] button.

- The selection screen of the output location is displayed.



ii) Select the output location and click the [Select] button.

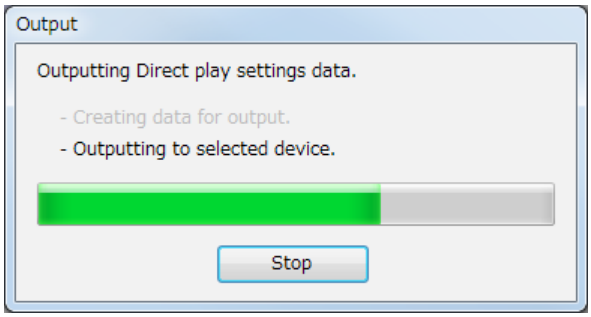
- The direct play settings are output to the selected location and the output completion confirmation screen is displayed.
- The confirmation screen is displayed when removable media is selected as the output location. Insert the SD card and click the [OK] button.



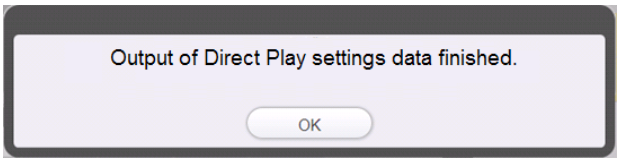
■ When [LAN] is selected as the output method

i) Click the [Output] button.

- A check is performed to determine whether output is possible via the network set for the selected device.



- Once the output is completed, the confirmation screen of completing the output is displayed.



Note

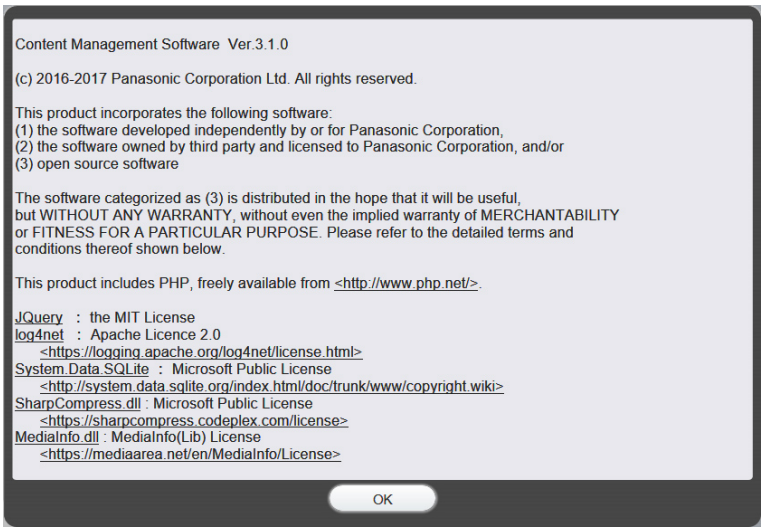
- To output via the LAN, confirm that the SD card is inserted in the device.
- Output by LAN is not possible when the device is playing back a schedule.
- If playback of a schedule or direct play on a device is started during output via the LAN, the operation of that device is not guaranteed.
- Outputting may take a while to complete depending on the size of the direct play settings data.
- Even if direct play settings data is output to the PT-JW130 series, it cannot be used on the device side.

Confirming the software information

Name, version, and copyright display of the Content Management Software, and the license of the used open source software, etc., can be confirmed.

1 Click the button in the top menu screen.

- The information screen is displayed.



Operation method for using an LCD display

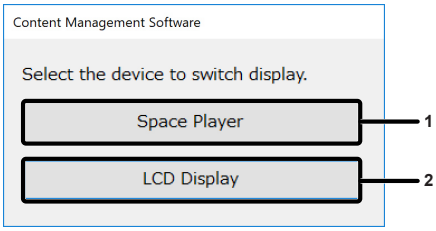
The functions of the Content Management Software including the operation procedure described in “Basic flow of the operation” is described.
The places where "device" is used in "Operation method for using an LCD display" refer to an LCD display supported by Content Management Software. If the device to be used is a projector, refer to "Operation method for using a projector" (➡ page 22).

Various screens

Various screens of the Content Management Software are described.

Launcher screen

The launcher screen is displayed when Content Management Software is started for the first time after installation.



1 **[Space Player] button**
This displays the top menu for a projector.
For the operation method of the top menu screen for creating a schedule for a projector, refer to "Operation method for using a projector" (➡ page 22).

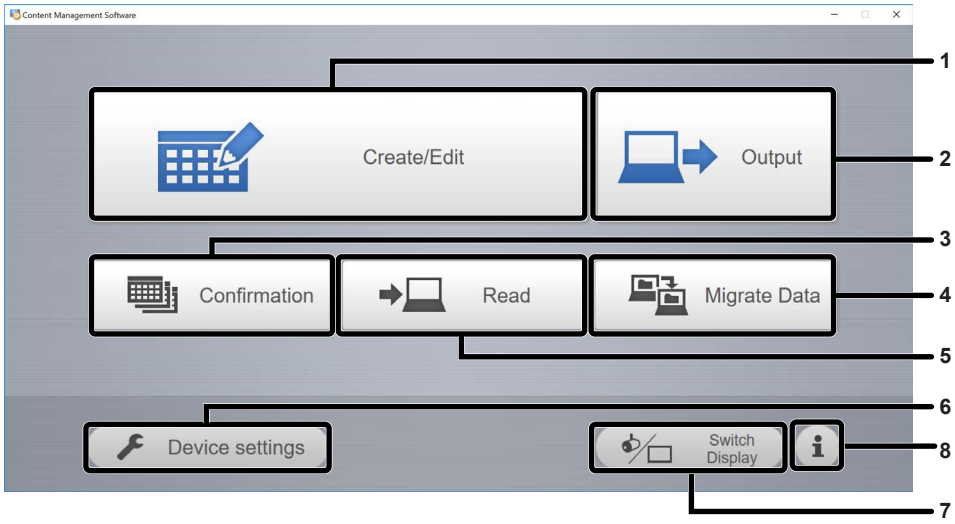
2 **[LCD Display] button**
This displays the top menu for an LCD display.

Note

- When you start the software from the second time, the schedule top screen selected last time is displayed without displaying the launcher screen.
- The launcher screen can be displayed by selecting [Switch Display] in the top menu or the [Switch Display] menu item from the drop-down list.

Top menu screen

Once the Content Management Software is started up, the top menu screen is displayed.
Clicking on the button of each menu moves to the operation screen of the clicked menu.



1 **[Create/Edit] menu**
Performs the creation and editing of a schedule. Creating a new schedule or editing of previously created schedule can be performed.

2 **[Output] menu**
Outputs the created schedule to a device, allowing to be operated. It can be output by selecting the schedule and output destination device.

3 **[Confirmation] menu**
Can confirm the content of the created schedule.
There are two methods for confirmation (by the date and by the schedule).

4 **[Migrate Data] menu**
Outputs the data of the same environment as the Content Management Software to transfer to another compatible computer. Select the location to save for [Output], and select the data file for [Read].

5 **[Read] menu**
The data of the schedule used on the device can be read.

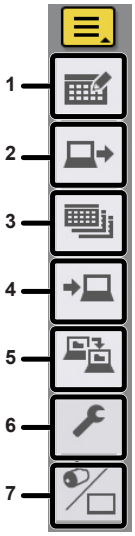
6 **[Device settings] menu**
Registers the specific information of the device as an output destination of the schedule data. It can name the device or register the network information when output via LAN.

7 **[Switch Display] menu**
Displays the launcher screen.

8 **button**
Information of the Content Management Software can be confirmed.

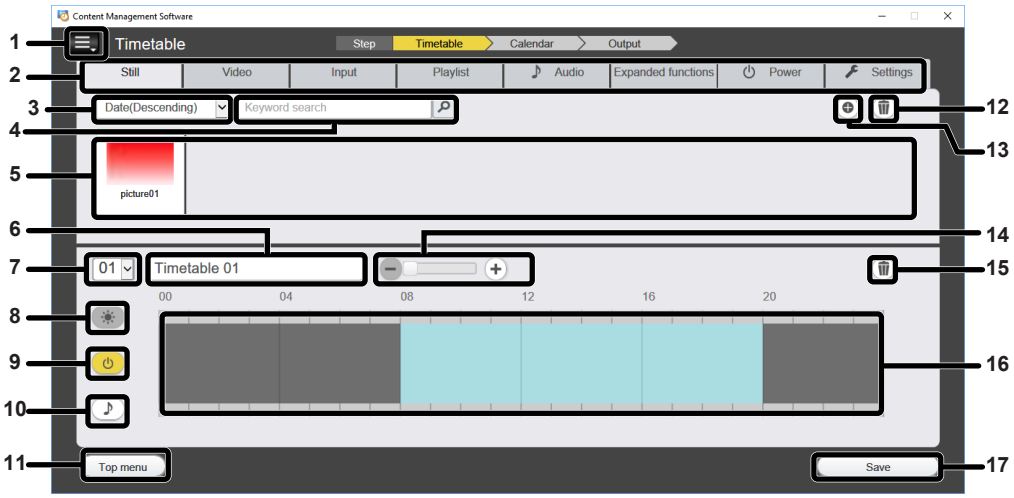
■Drop down menu

The shortcut of the top menu screen is displayed by clicking at the top left of the [Timetable] screen, etc.



1 **[Create/Edit] menu**
2 **[Output] menu**
3 **[Confirmation] menu**
4 **[Read] menu**
5 **[Migrate Data] menu**
6 **[Device settings] menu**
7 **[Switch Display] menu**

[Timetable] screen



1 **Drop down menu**
Displays the shortcut of the top menu screen.

2 **Content type tab**
Selects the type of content to register in a schedule/timetable.
Clicking the tab changes the “Content list” display.
Selects the [Settings] tab to change the various settings.
When the extended feature is enabled, the [Brightness] tab switches to the [Expanded functions] tab.

3 **Sort content**
Selects the display order of the “Content list”.
[Date(Ascending)]/[Date(Descending)]:
Displays contents in the order of registration date.
[Content name(Ascending)]/[Content name(Descending)]:
Displays contents in the name order.
[File name(Ascending)]/[File name(Descending)]:
Displays contents in the file name order.

4 **[Keyword search]**
Enter the character string to search and click to search the content registered in the schedule. Search target varies depending on the content.
Still image/movie/music content: Content name and file name
Playlist: Playlist name
Brightness content: Brightness (This is not supported by the LCD display. The settings are ignored on the unit side.)
Power supply content: Start time/End time
Search result is displayed in the “Content list”.

5 **Content list**
Displays the content registered in a timetable.

6 **Timetable name**
Enter a timetable name, or the timetable name being edited is displayed.
Click it to edit the timetable name.

7 **Timetable ID**
Displays the ID of the timetable being edited.
It is automatically assigned when a timetable is created.
Click to create a new timetable or switch the timetable to be edited.

8 **Brightness content display icon**
This is not supported by the LCD display. The settings are ignored on the unit side.

9 **Power supply content display icon**
This icon becomes yellow when selected, and displays the registered power supply content in a timetable. Click the icon again to cancel the selection, then the icon color changes to white.

10 **Music content display icon**
This icon becomes yellow when selected, and displays the registered music content in a timetable. Click the icon again to cancel the selection, then the icon color changes to white.

11 **[Top menu] button**
Click to move to the top menu screen.

12 Content delete icon
Deletes the content.

13 Content addition icon
Registers the additional content.

14 Display scale
Sets the display scale for “Timetable”.
[-] button: Reduces the scale.
[+] button: Enlarges the scale.
Slider for adjustment: Adjusts the scale to any position within the step range.
Range indication: Indicates the displayed time range.
The range indication is displayed when the scale is enlarged.

15 Delete content registered in the timetable icon
Deletes the content registered in a timetable.

16 Timetable
Displays the content registered in a timetable.

17 [Save] button
Saves the timetable. This will change to the [Next] button when the timetable is saved.

[Settings] tab screen

1 [Time of change-of-day]
Sets the time for the start of a day.

2 [First day of week]
Sets the day of the week for the start of a week in the calendar.

3 [Operating time]
Sets the default power on time of the power supply content that is set when creating a new timetable.

4 [Sound track]
This is not supported by the LCD display. It cannot be set if the [Expanded functions enabled] check box is selected.

5 [Effect]
This is not supported by the LCD display. It cannot be set if the [Expanded functions enabled] check box is selected.

6 [Color]
This is not supported by the LCD display. It cannot be set if the [Expanded functions enabled] check box is selected.

7 [Brightness]
This is not supported by the LCD display. It cannot be set if the [Expanded functions enabled] check box is selected.

8 [Record History]
This is not supported by the LCD display. It cannot be set if the [Expanded functions enabled] check box is selected.

9 [Expanded functions enabled]
Enables the extended content feature to set the device multi-screen, and synchronization settings.
If you clear the check box, you can temporarily switch to the schedule creation screen for projectors. If you save the settings while the check box is cleared, the schedule will be saved as a schedule for projectors.

10 [Fixed loading time]
This is not supported by the LCD display. It cannot be set if the [Expanded functions enabled] check box is selected.

11 [Duration setting] - [Still]
Sets the default playback time to be set when still image content is registered.

12 [Duration setting] - [Input]
Sets the default playback time to be set when external input content is registered.

13 [Duration setting] - [Brightness]
This is not supported by the LCD display. It cannot be set if the [Expanded functions enabled] check box is selected.

14 [Duration setting] - [Power]
Sets the default playback time to be set when power supply content is registered.

15 [Top menu] button
Click to move to the top menu screen.

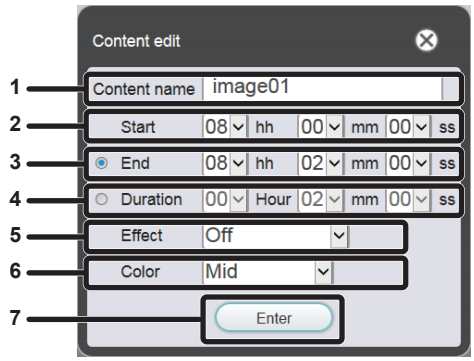
16 [Save] button
Saves the timetable. This will change to the [Next] button when the timetable is saved.

Attention

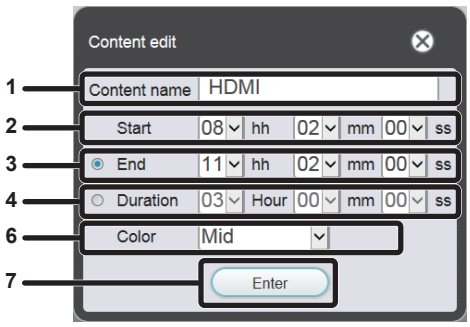
- When changing [Time of change-of-day] and [Operating time], set so the [Time of change-of-day] will be five minutes or before of the starting time and five minutes or later of the ending time of [Operating time]. [Time of change-of-day] cannot be set to the time period set in [Operating time]. Also, the start time and end time of [Operating time] cannot be set exceeding the time set in [Time of change-of-day].
- An LCD display does not support each of the function when the [Expanded functions enabled] check box is cleared. Do not clear the check box.

[Content edit] screen

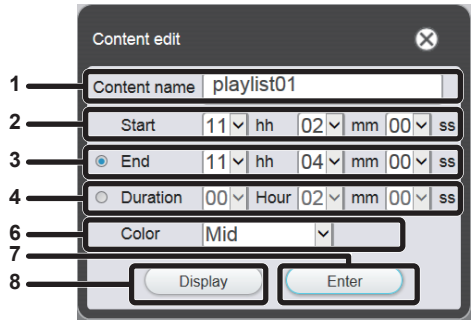
The [Content edit] screen is displayed for each content when the content registered to the timetable is to be edited.



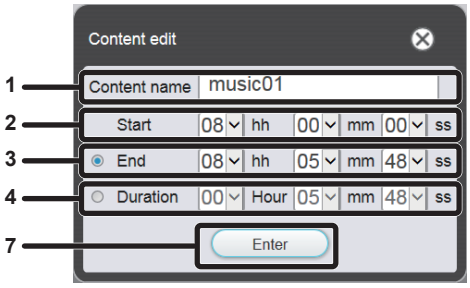
When editing still image content



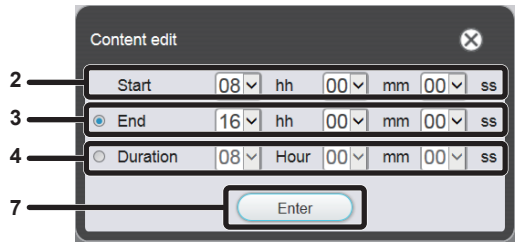
When editing movie/external input content



When editing playlist / extended feature content



When editing music content



When editing power supply content

1 [Content name]
Displays the selected content name.

2 [Start]
Set the time to start playback of the content.

3 [End]
Select the radio button, and set the time to end the content playback.

4 [Duration]
Select the radio button, and set the time to start the content playback.

5 [Effect]
This is not supported by the LCD display. The settings are ignored on the unit side.

6 [Color]
This is not supported by the LCD display. The settings are ignored on the unit side.

7 [Enter] button
Click this to confirm the settings.

8 [Display] button
Click this to display the [Playlist edit] screen.
For details of the setting items, refer to “Editing the timetable” (➡ page 96).

[Calendar] screen

1 **Schedule name**
Displays the “schedule name” being created/edited.

2 **Move to the previous month**
Displays the calendar of the previous month.

3 **Move to the next month**
Displays the calendar of the next month.

4 **Calendar**
Displays the calendar to set the timetable.

5 **Enlarge display button**
Displays the enlarged screen of the timetable.

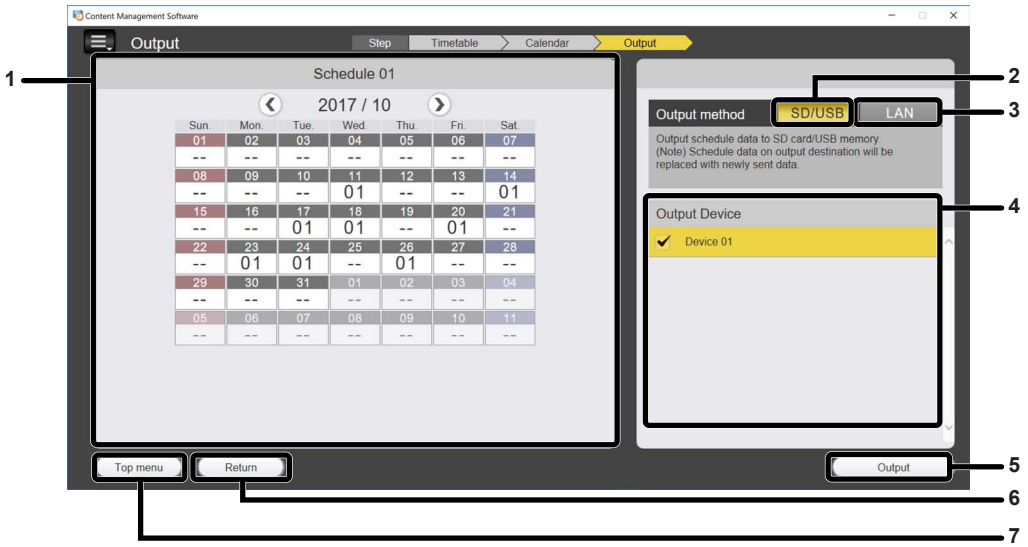
6 **Preview**
Displays the timetable registered to the set day.

7 **[Next] button**
Click to move to the [Output] screen.

8 **[Return] button**
Click to move to the [Timetable] screen.

9 **[Top menu] button**
Click to move to the top menu screen.

[Output] screen



1 **[Calendar] screen**
Displays the timetable set to the selected date.

2 **[SD/USB]**
Outputs the schedule data to a computer, or USB memory.

3 **[LAN]**
Directly outputs the schedule data to the device via LAN.

4 **[Output Device]**
Displays the registered devices in a list.
In the case of a device with the [Display Device] button selected in the device settings screen, it is indicated with [Display Device] if selected.

5 **[Output]**
Outputs the schedule.

6 **[Return] button**
Click to return to the [Calendar] screen.

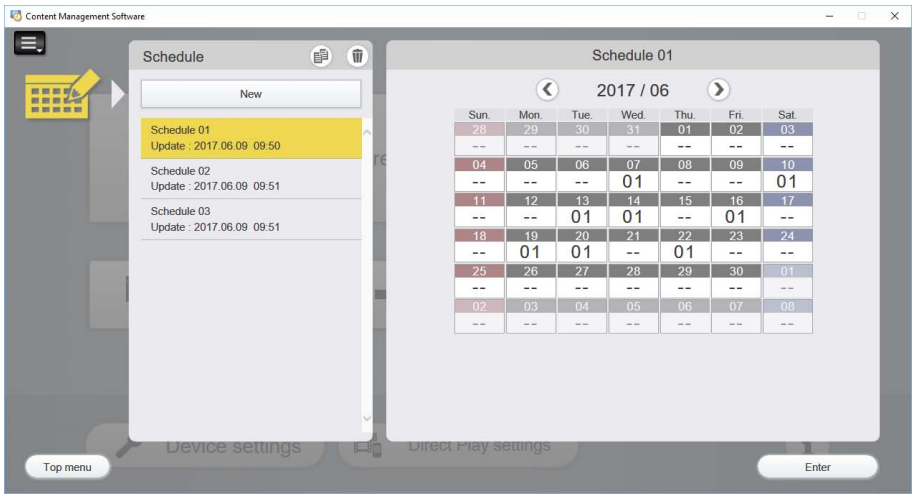
7 **[Top menu] button**
Click to move to the top menu screen.

Registering the content

Registering still image/movie/music content

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.



2 Select the schedule to add a content and click the [Enter] button.

- When the schedule that is already set is selected, the content of that schedule is displayed in the calendar.
- Select [New] to create a new schedule. For details on creating a new schedule, refer to “Creating the new schedule” (➡ page 103).

3 Move to the [Timetable] screen.

- Click the [Return] button at the bottom of the [Calendar] screen to move to the [Timetable] screen.

4 Select the tab of the content to register from the content selection tabs.

- The display of the content list changes when the tab is clicked.

5 Click ⊕ in the content list.

- The file selection screen is displayed.

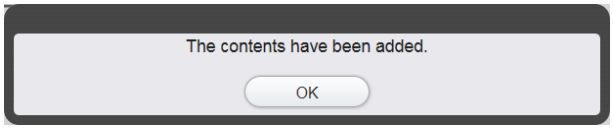
6 Select the content to register and click the [Open] button in the file selection screen.

- Those are registered in the [Add content] screen.
- Multiple files can be selected.

- To continuously add a content, click ⊕ in the [Add content] screen, and register the content.

7 When the addition of contents to register is complete, click the [Save] button.

8 When the confirmation screen is displayed, click the [OK] button.



Note

- Maximum of 500 contents can be registered for each type of content against one schedule.
- When content is registered with the procedure above, the file name is saved as the content name. The content name can also be set when registering the content. Click the content for which you wish to set a content name in the [Add content] screen displayed in Step **6**. Set a content name and click the [Enter] button.
- This is the procedure when a content is registered already. For details on registering a content for the first time, refer to “Registering the content” (➡ page 14).
- When video content of H.264/MPEG-4 AVC format with 60 fps is registered, a frame is added.

Registering power supply content

A preset time slot (start time / end time) can be registered as power supply content.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

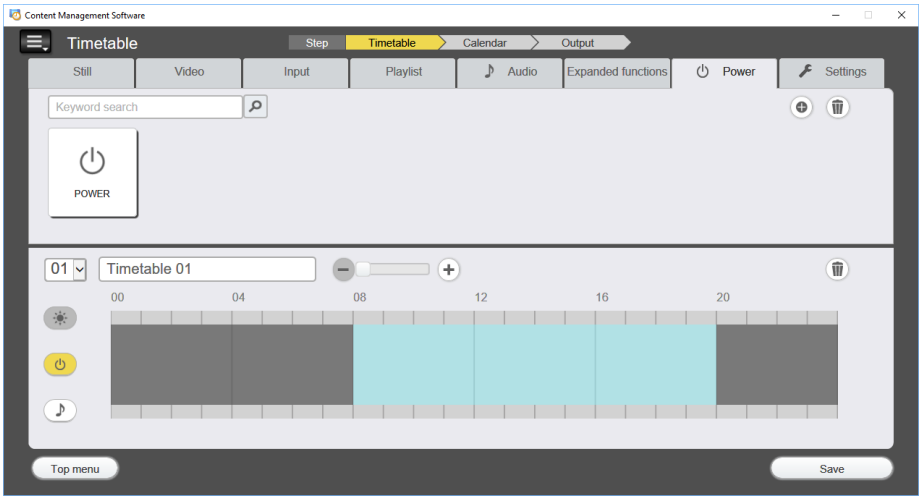
- When the schedule to edit is selected, the content of that schedule is displayed in the calendar.

3 Move to the [Timetable] screen.

- Click the [Return] button at the bottom of the [Calendar] screen to move to the [Timetable] screen.

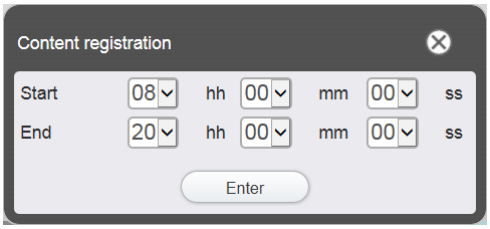
4 Click the [Power] tab in the [Timetable] screen.

- The display of the content list changes when the tab is clicked.



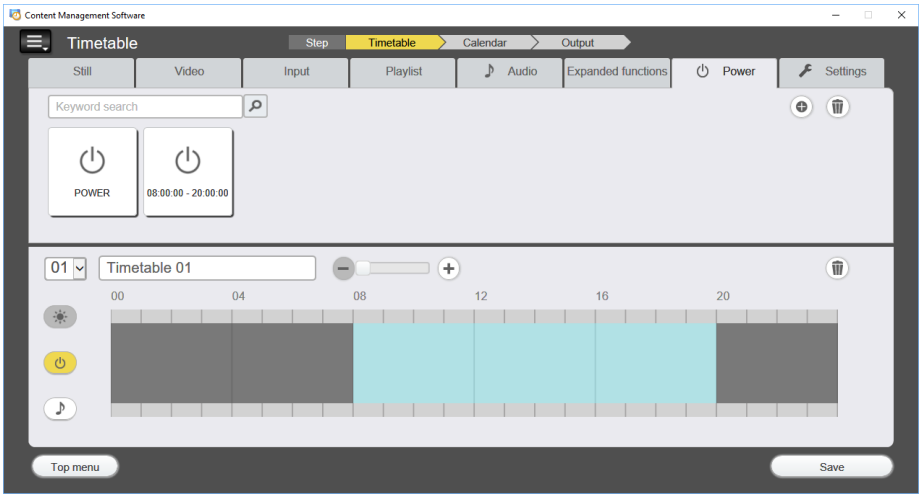
5 Click ⊕ in the content list.

- The [Content registration] screen is displayed.



6 Set [Start] and [End] and click the [Enter] button.

- The power supply content is registered.



Note

- The registered content name is indicated with the set time zone (start time - end time).
- Up to 100 power supply content can be registered.
- If power supply content registered with the same time zone (start time - end time) already exists, the power supply content cannot be newly registered.
- If the length of the content is less than one minute or the start time and end time are the same, the power supply content cannot be registered.

Editing the content

Edit the setting of the still image/movie/music file registered in the[Timetable] screen.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

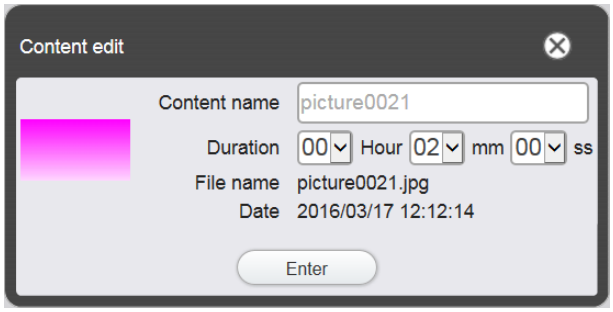
- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

3 Move to the [Timetable] screen.

- Click the [Return] button at the bottom of the [Calendar] screen to move to the [Timetable] screen.

4 Click the content to edit in the content list.

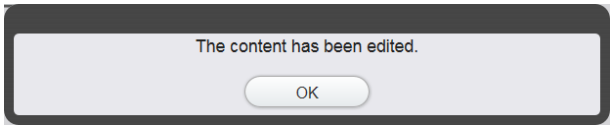
- The [Content edit] screen is displayed.



5 Change [Content name] and/or [Duration], and click the [Enter] button.

- [Content name] and [Duration] can be changed for the still image content, and [Content name] can be changed for the movie/music content.

6 When the confirmation screen is displayed, click the [OK] button.



Note

- The external input/power supply content cannot be edited.
- To change the content of the playlist, refer to “Editing the playlist” (➡ page 87).

Playing back the content

Double-click the content displayed in the content list to play back that content on the computer.
The content is displayed in the same way as the file is double-clicked in the Explorer, with the movie playback application such as Media Player for the movie or music, and the standard viewer for the still image.

Note

- Do not select “Delete” from the menu of Photo Viewer when the content is displayed with Photo Viewer. Operation of the Content Management Software will not be guaranteed if it is deleted.

Deleting the content

Delete the content that is no longer needed.

1 Display the [Timetable] screen.

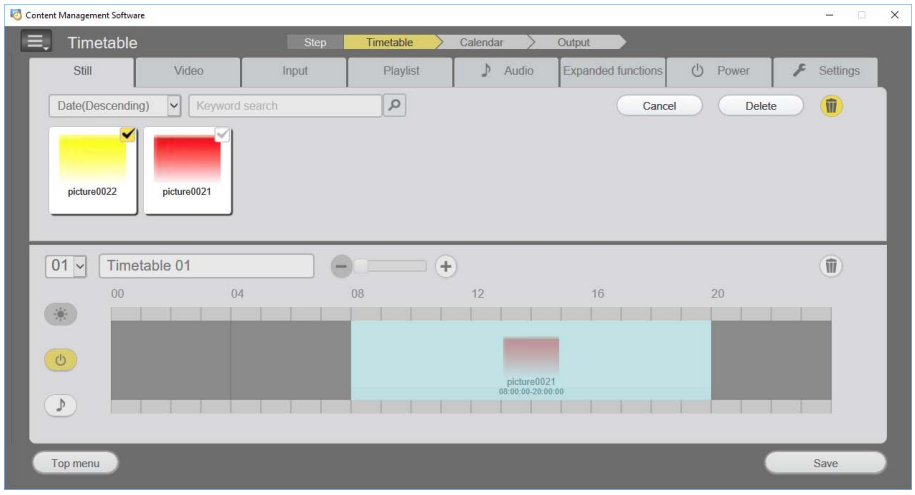
- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click in the content list.

- The mode changes to deletion mode.
- Click the [Cancel] button to cancel the deletion mode.

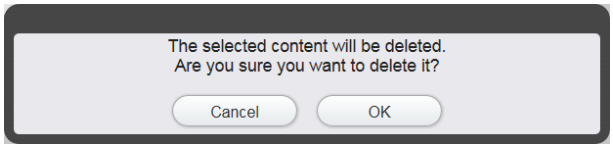
3 Select the content to delete.

- You can select multiple contents.
- A check mark is added to the selected content.



4 Click the [Delete] button.

5 When the confirmation screen is displayed, click the [OK] button.



- The selected content is deleted.

Note

- If the content to be deleted is used in the timetable or playlist, that content cannot be deleted.
- If a playlist is used for only extended feature content not set in a timetable, the playlist can be deleted.
  If you attempt to set extended feature content that was used in a deleted playlist in a timetable, a message is displayed. Following the instructions in the message.

Creating the playlist

Register multiple still images/movies/external input contents together as a single content.

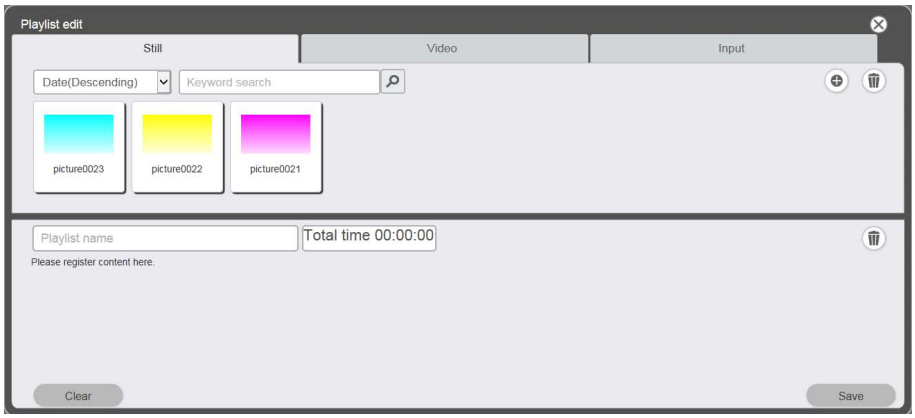
1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click the [Playlist] tab in the [Timetable] screen.

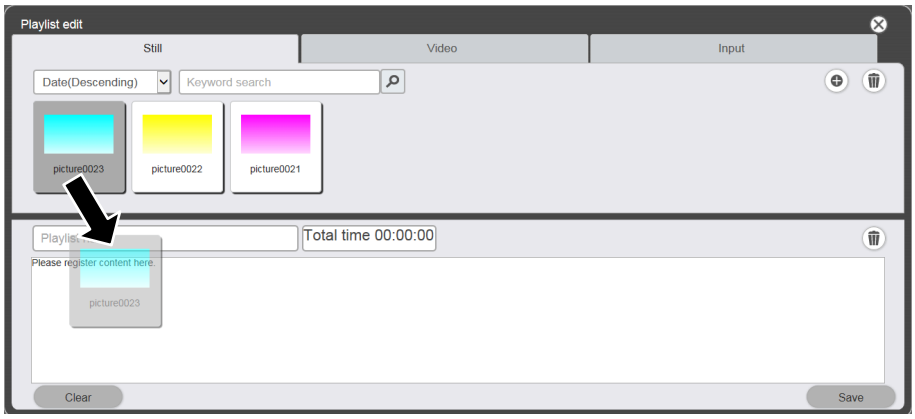
3 Click ⊕ in the content list.

- The [Playlist edit] screen is displayed.



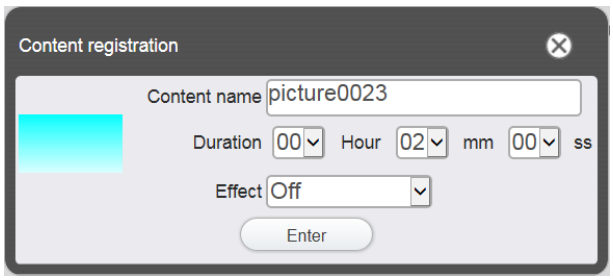
4 Select the content to register in the playlist from the [Playlist edit] screen.

- Drag & drop the content to register in the playlist to the playlist at the bottom of the screen.



5 Register the content in the playlist.

- Set [Duration] and [Effect] in the [Content registration] screen, and click the [Enter] button.
- [Duration] and [Effect] can be changed for the still image content, and [Duration] can be changed for the movie/external input content.

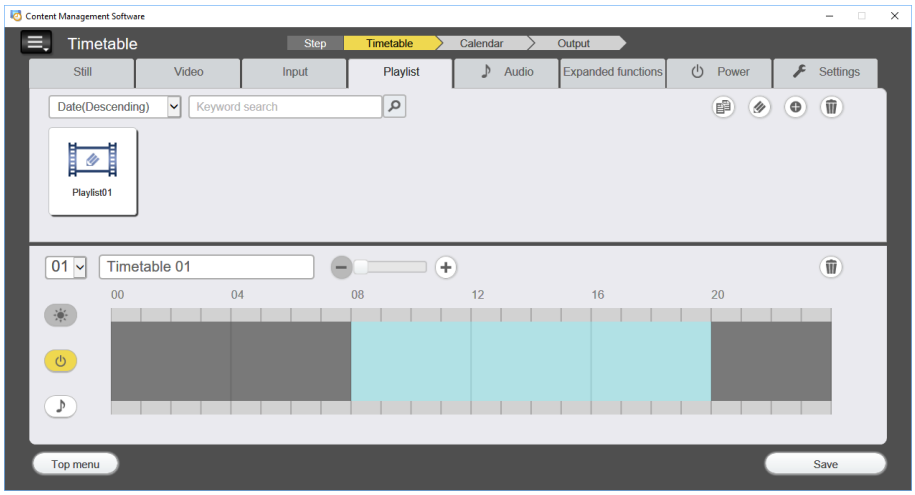


6 Enter the playlist name in the [Playlist name] field.

- Enter the playlist name in the [Playlist name] field. Up to 24 characters can be entered.

7 Click the [Save] button.

- The playlist is created.



Note

- Only image content (still image/movie/external input) can be registered in a playlist.
- Up to 100 contents can be registered in one playlist.
- Up to 500 playlists can be registered for each schedule.
- If you click the [Save] button without entering the playlist name, the playlist name entry screen is displayed. Enter the playlist name, and click the [Enter] button.
- When [Playback Mode] of the [USB Media Player Settings] is [Synchronous Playback], the total time of content may differ from that of actual operation because preparation time is required when switching content.

Editing the playlist

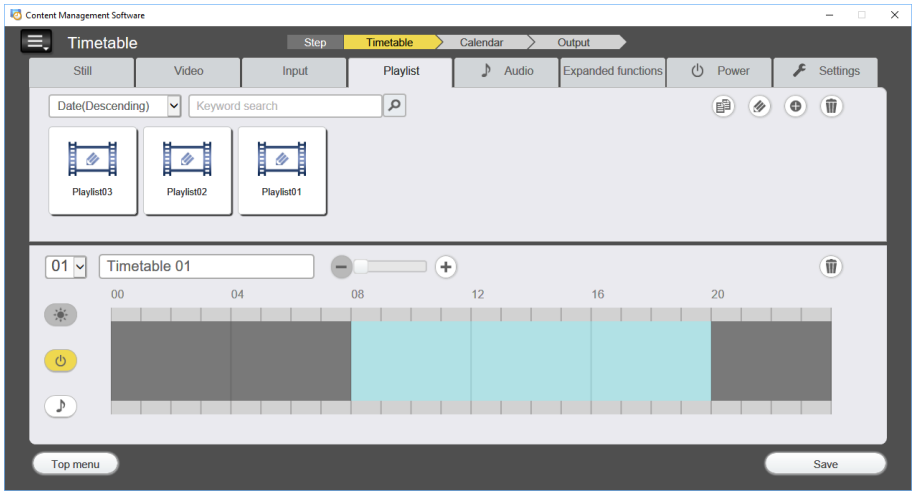
Edit the contents of the registered playlist.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

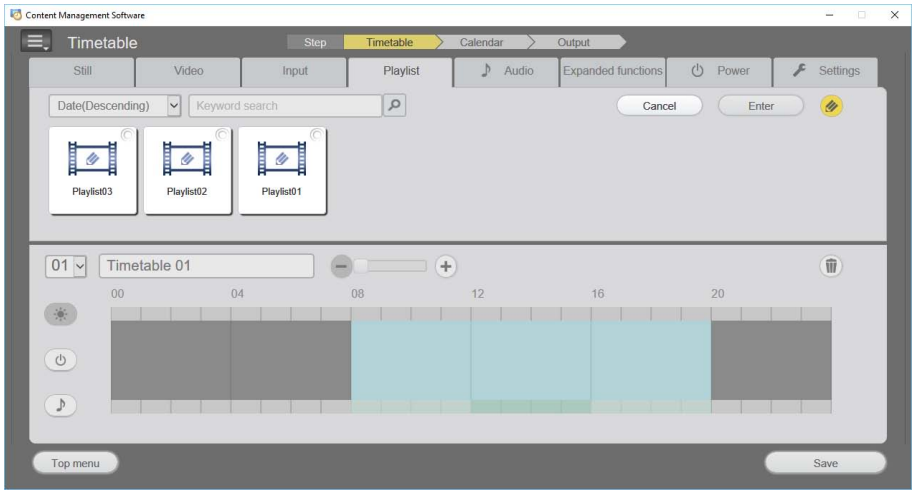
2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.



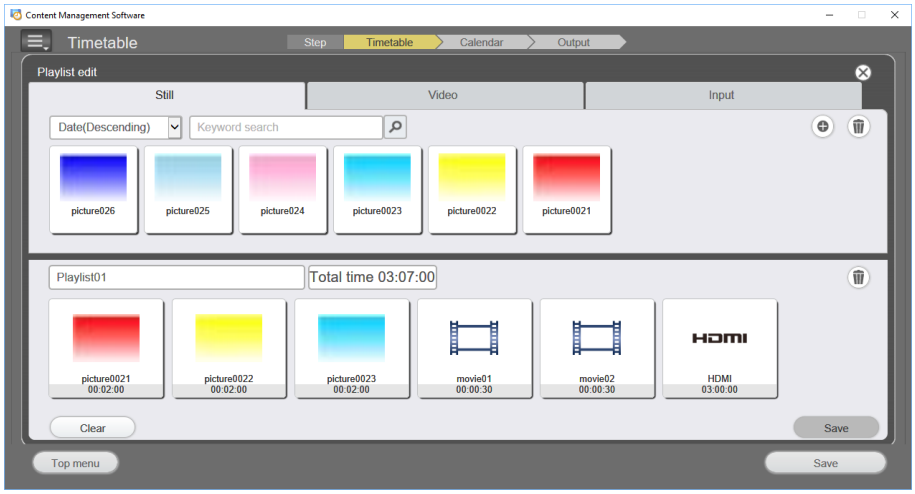
3 Click in the content list.

- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.



4 Select the playlist you want to edit, and click the [Enter] button.

- The [Playlist edit] screen is displayed.



5 Edit the playlist.

- To add the content, perform the same procedure as “Creating the playlist” (➡ page 85).
- To delete the content, refer to “Deleting the content registered in the playlist” (➡ page 88).
- To change the setting of the content, refer to “Changing the settings of the content registered in the playlist” (➡ page 89).

6 Click the [Save] button.

- The edited playlist is registered in the schedule.

Note

- The playlist is common with that of the extended feature.
  If a playlist used with the extended feature is edited, please note that the edited content will also be reflected in the extended feature.

Deleting the content registered in the playlist

Delete the content registered in the playlist.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.

3 Click in the content list.

- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.

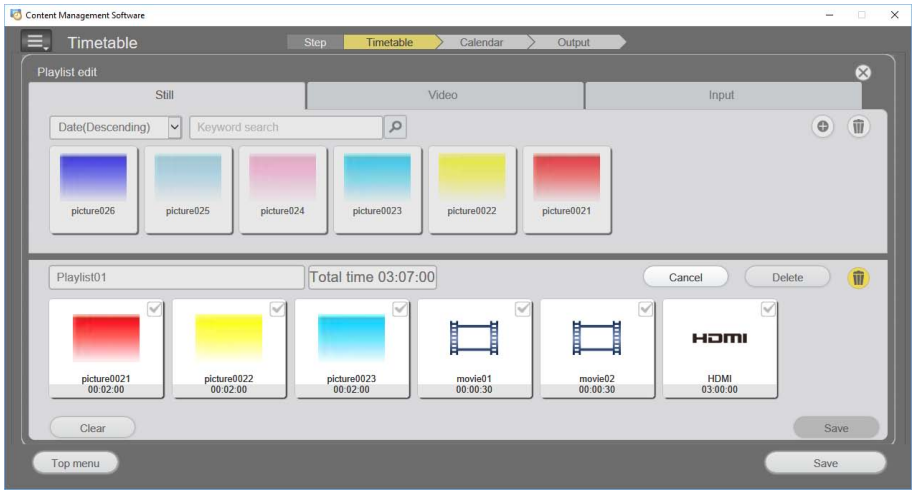
4 Select the playlist you want to edit, and click the [Enter] button.

- The [Playlist edit] screen is displayed.

5 Click on the [Playlist edit] screen.

- The mode changes to deletion mode.

- Click the [Cancel] button to cancel the deletion mode.



6 Select the content to delete.

- You can select multiple contents.

7 Click the [Delete] button.

8 When the confirmation screen is displayed, click the [OK] button.

- The selected content is deleted from the playlist.
- Click the [Save] button in the [Playlist edit] screen to register the edited playlist in the schedule.

Changing the settings of the content registered in the playlist

Change the settings of the content registered in the playlist

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.

3 Click in the content list.

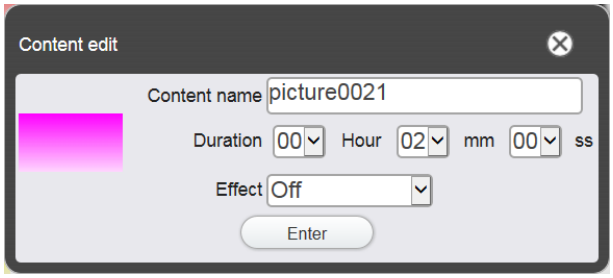
- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.

4 Select the playlist you want to edit, and click the [Enter] button.

- The [Playlist edit] screen is displayed.

5 Click the content to change the setting in the playlist.

- The [Content edit] screen is displayed.



6 Change [Duration] and click the [Enter] button.

- Change the playback time settings.
- The setting of the content in the playlist is changed.
- [Effect] is not supported by an LCD display. The setting is ignored on the unit side.
- Return to the [Playlist edit] screen and click the [Save] button to register the edited playlist to the schedule.

Duplicating the playlist

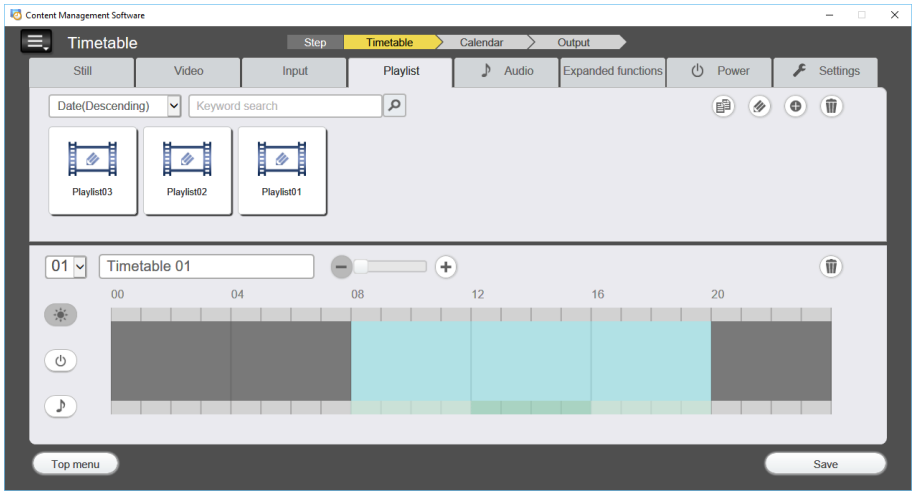
Duplicate the registered playlist.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

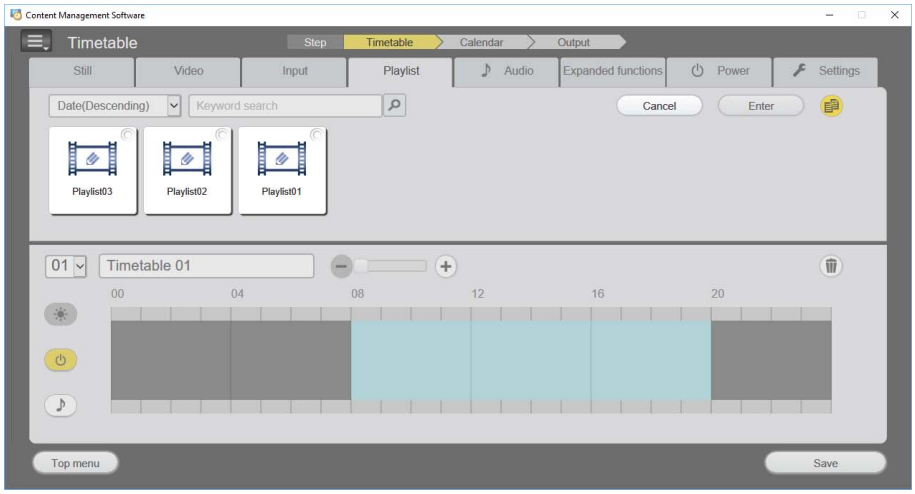
2 Click the [Playlist] tab in the [Timetable] screen.

- The list of playlist is displayed in the content list.



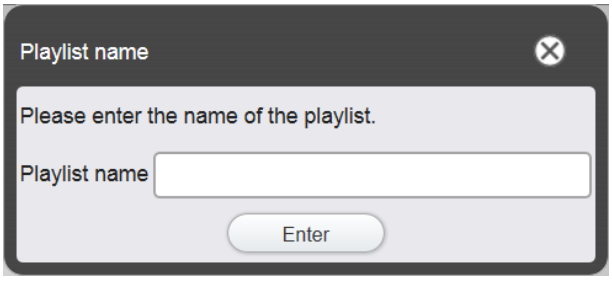
3 Click in the content list.

- The mode changes to selection mode.
- Click [Cancel] button to cancel the selection mode.



4 Select the playlist you want to duplicate, and click the [Enter] button.

- The playlist name entry screen is displayed.



5 Enter the playlist name, and click the [Enter] button.

- Up to 24 characters can be entered as the playlist name.
- The duplicated playlist is displayed in the content list and it is registered in the schedule.

Creating extended feature content

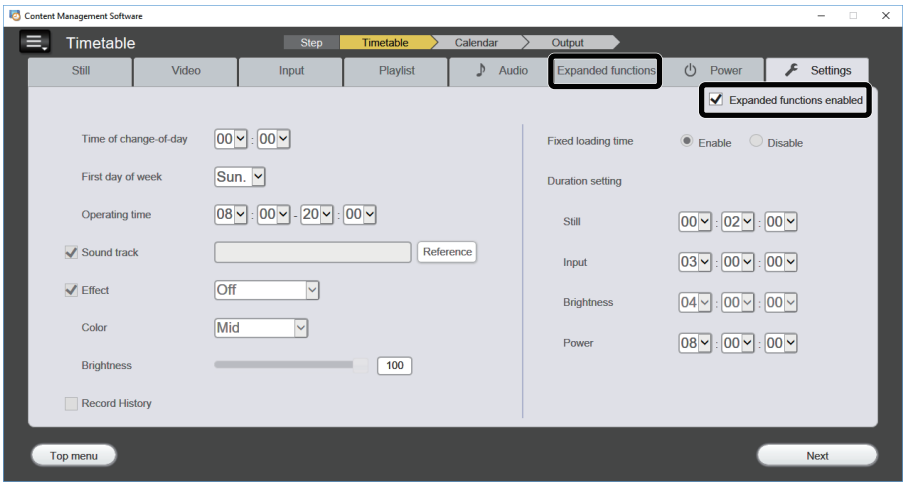
Register the device multi-screen settings, display synchronization, caption, and light ID setting as one content.
To create extended feature content, you need to perform device registration and create a playlist in advance.
For details on the multi-screen settings, display synchronization, caption, and light ID setting, refer to the operating instructions for the device.

1 Display the [Timetable] screen.

- For details on the display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

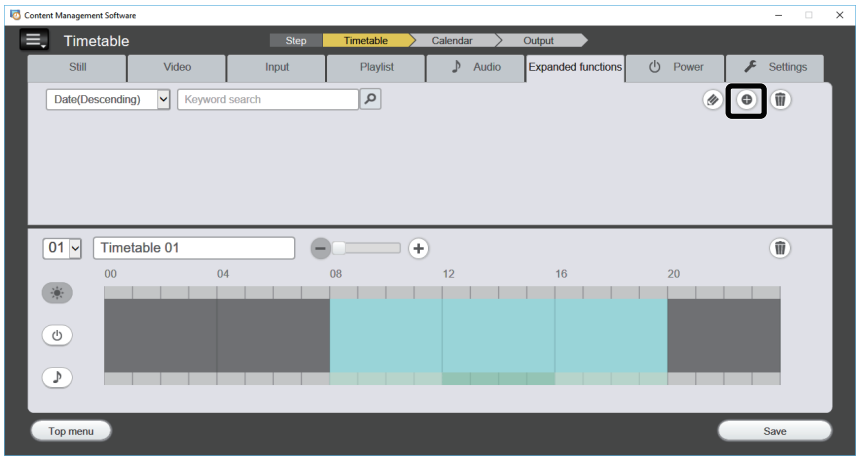
2 Click the [Expanded functions] tab in the [Timetable] screen.

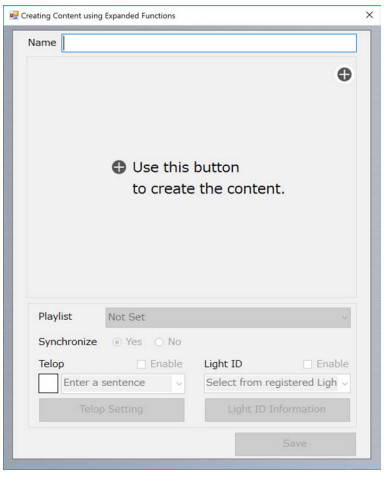
- The [Expanded functions] tab is displayed when [Expanded functions enabled] is selected on the [Settings] tab.



3 Click ⊕ in the content list.

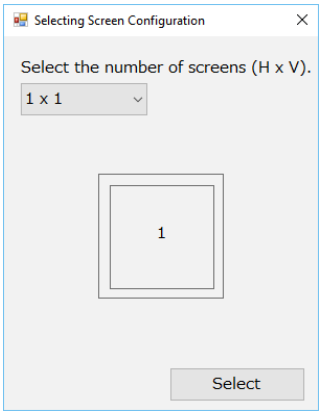
- The [Creating Content using Expanded Functions] screen is displayed.





4 Click ⊕ at the top right in the [Creating Content Using Expanded Functions] screen.

- The [Selecting Screen Configuration] screen is displayed.



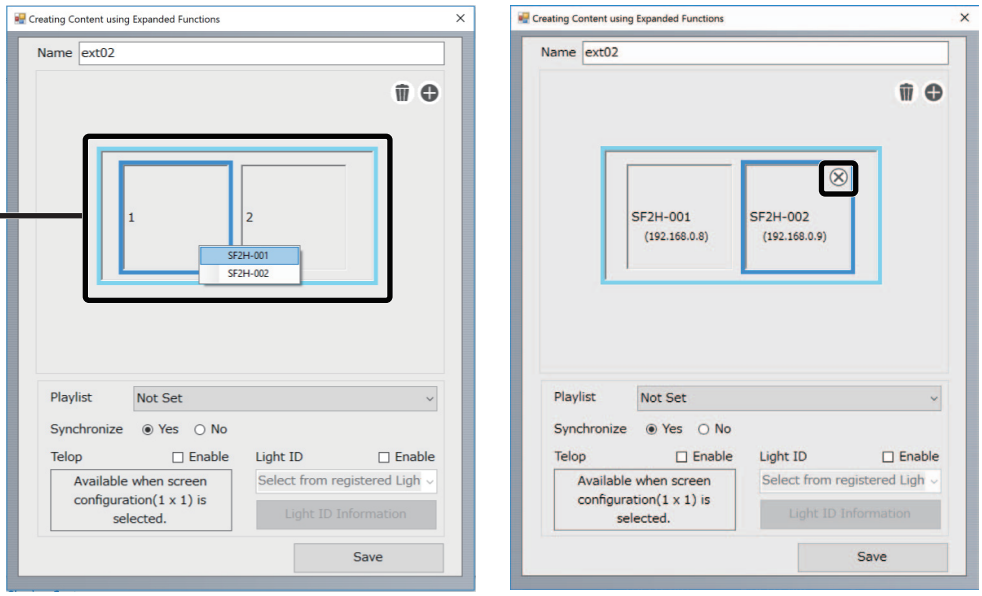
5 Select a screen configuration from the pull-down menu and click [Select].

- The following four screen configurations can be selected.
  - 1 wide x 1 high
  - 1 wide x 2 high
  - 2 wide x 1 high
  - 2 wide x 2 high
- The screen configuration area of the screen configuration selected in the extended feature window is displayed.

6 Select ☐ in the displayed screen configuration area and then right-click and select a device.

- When this is set, the set device name and IP address are displayed in ☐ in the screen configuration area.
- If you right-click in ☐ of a device that has been selected, you can select a device again.
- If you click ⊗ at the top right of ☐, you can cancel the selected device.

Screen configuration area



7 Select the playlist to set for the screen configuration from [Playlist].

- Select a registered playlist from the pull-down menu.

8 Set synchronization.

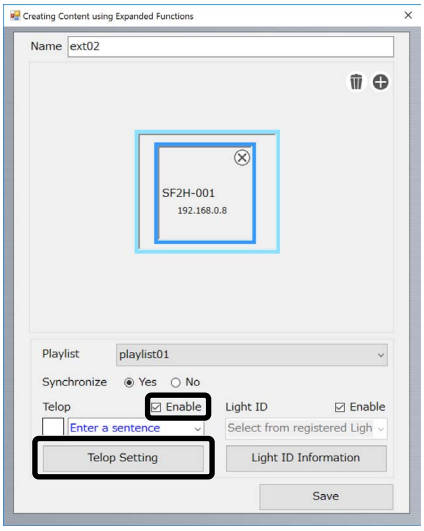
When [Yes] is selected, operation is in the playback mode set on the set device. If you wish to perform synchronous playback, enable the display synchronization setting on the device in advance.
If [No] is selected, individual playback is performed.

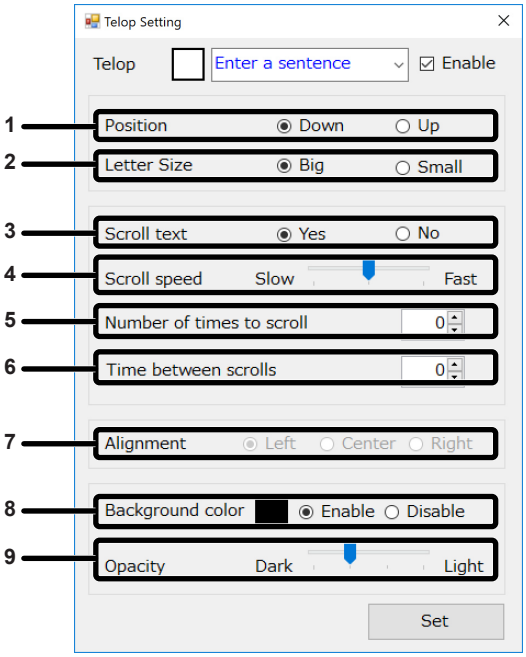
- Before operating the synchronous playback mode, you need to set the “synchronize between displays” function and set the date and time. For details, refer to the operating instructions for the device.

9 Setting the captions.

Captions are not supported by the SF2 series.
The captions become able to be set if you select the [Enable] check box while [1x1] is selected for the screen configuration.

- The caption color can be set.
- Enter the text to displays as captions. Up to 600 characters can be entered.
- When you click the [Telop Setting] button, the [Telop Setting] screen is displayed. The [Enable] check box, text, and color settings are linked with the extended feature content settings screen.





1 **[Position]**
Specify the position for captions on the display.

2 **[Letter Size]**
Select the size of the caption text on the display.
The approximate sizes are shown below.
Big: 128 pixels
Small: 96 pixels

3 **[Scroll text]**
Move the text from right to left on the screen automatically.

4 **[Scroll speed]**
Specify the scroll speed from any of three levels.

5 **[Number of times to scroll]**
Specify the number of times to display the captions. The initial value is 0, which results in the captions being repeated an infinite number of times. The upper limit is 255 times.

6 **[Time between scrolls]**
Specify the wait time in seconds when displaying captions repeatedly. The initial value is 0 and the upper limit is 255.

7 **[Alignment]**
Specify the position for captions within the screen from any of three locations. This can be specified if scrolling will not be performed.

8 **[Background color]**
Specify the background color of text.

9 **[Opacity]**
Specify the depth of the background color of text.

Note

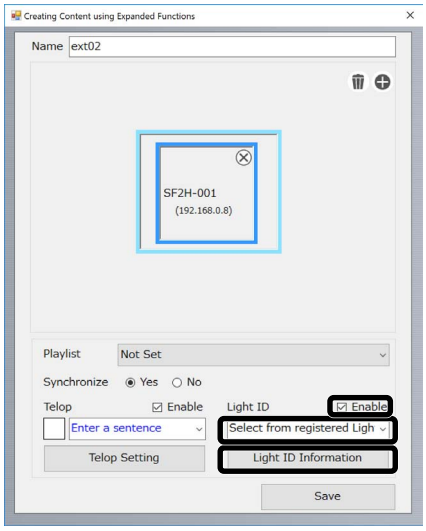
- Captions are display over the images.
- Caption scrolling may stop at the timing at which content playback and music playback are switched.
- When the input is switched, the captions are hidden.
  However, the captions will continued to be displayed if the input is switched by the schedule playback function.
  Furthermore, when the schedule playback function is resumed, the captions will be displayed from the beginning.
- If you change the [OSD LANGUAGE], [DISPLAY ORIENTATION], and [IMAGE ROTATION] settings or display the display ID or display name, the captions being displayed will be cleared.
- If captions with a large number of characters are displayed when [Scroll text] was set to [No] while creating the schedule data, the caption text will be displayed extending from the screen.
- The captions are not synchronized with other devices also when the playback mode is synchronous playback.
- If [OSD LANGUAGE] of the device is set to [中文], caption display will also be set to a Chinese font.
  At this time, if the text was created with a Japanese font, "□" or other substitute characters may be displayed instead for some characters that are not compatible with a Chinese font.

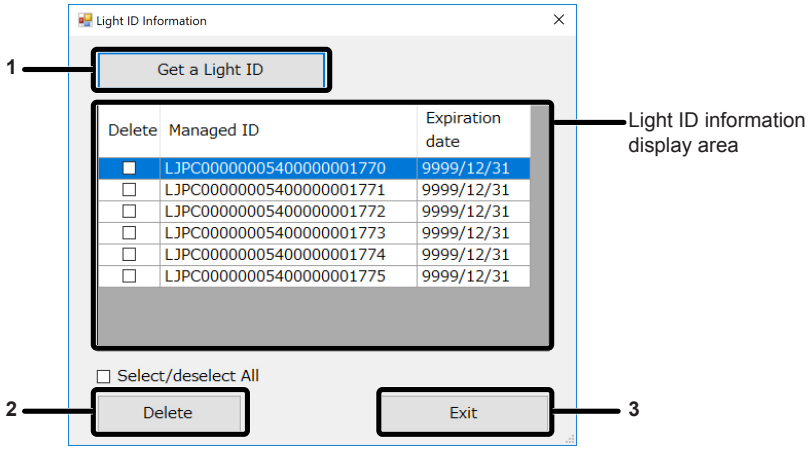
10 Setting the light ID

The light ID is not supported by the SF2 series.

The light ID becomes able to be set if you select the [Enable] check box.

- Select a registered light ID from the pull-down menu.
- When you click the [Lignt ID Information] button, the [Light ID Information] screen is displayed. The management IDs and expiration dates of the registered light IDs are displayed.





1 [Get a Light ID] button

This allows you to import a light ID distribution file containing a light ID.

Select the file to import in the file selection screen and then click the [Open] button to display the light ID extraction password input screen.

When using an encrypted light ID distribution file, enter the password for the light ID distribution file and then click the [OK] button. If the light ID distribution file is not encrypted, there is no need to enter a password. Click the [OK] button without entering a password.

2 [Delete] button

This allows you to delete a registered light ID.

Select the [Delete] check box of the light ID you wish to delete in the light ID information display area and then click the [Delete] button. The selected light ID is deleted from the light ID information display area.

To delete all of the displayed light IDs, select the [Select/deselect All] check box and then click the [Delete] button.

3 [Exit] button

Closes the light ID information screen.

Note

- If the password is incorrect or the light ID information cannot be retrieved, an error message is displayed. Check the light ID distribution file and password.
- A light ID distribution file is a file for issuing a light ID to a customer after the light ID purchase process is complete. For information about purchasing a light ID distribution file, check the Panasonic website (https://panasonic.net/cns/LinkRay/).
- When the [SETUP] - [LIGHTID] setting is [OFF], a light ID will not be sent.
- If the [LIGHTID] setting is set to [EXTERNAL CONTROL] during schedule playback, sending of the light ID will begin from the next schedule.
- If sending of the light ID is instructed by other than the schedule playback function during the schedule period, the light ID instructed later is sent.
- When time of a schedule without a light ID set is reached, sending of the light ID stops.
- When the input is switched, sending of the light ID stops.
  However, sending will continue if the input is switched between [HDMI 1] and [USB] with the schedule playback function.
- If the USB memory is removed, sending of the light ID stops.
- When [LIGHTID] of the device is set to [INTERNAL ID], the light ID (built-in light ID) stops also if, for example, the light ID becomes not set when content is switched (at the timing that the light ID turns off).

11 Set the extended feature content name in [Name].

12 Click [Save] to save the extended feature content.

- The extended feature content is saved and the timetable settings screen is redisplayed.

Note

- If a device is registered, playlist is set, extended feature content name is set, and light ID is enabled for extended feature content, the light ID needs to be selected.
  If they are not set, a message is displayed.
- If the [Expanded functions enabled] check box is cleared on the [Settings] tab, the extended feature is disabled and the set extended feature content is handled as a normal playlist.
  If multiple playlists are set for one extended feature content, only the playlist that was set first is enabled.
  If the [Expanded functions enabled] check box is selected again, the content is restored as extended feature content.
- Only the enlargement ratio and enlargement position settings of the multi-screen settings of the device can be set in the screen configuration of extended feature content. The joint setting cannot be changed.

Editing extended feature content

1 Display the [Timetable] screen.

- For details on the display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click the [Expanded functions] tab in the [Timetable] screen.

- The [Expanded functions] tab is displayed when [Expanded functions enabled] is selected on the [Settings] tab.

3 Click in the content list.

- The mode changes to the selection mode.
- Click the [Cancel] button to cancel the selection mode.

4 Select the playlist you want to edit, and click the [Enter] button.

- The [Extended Feature Settings] screen is displayed.

5 Edit the extended feature content.

- To change the settings of [Extended Feature Content], perform the same operation as from Step **4** of “Creating extended feature content”.

Editing the timetable

Editing the timetable

Contents can be registered to the timetable and timetable name can be changed.

1 Display the [Timetable] screen.

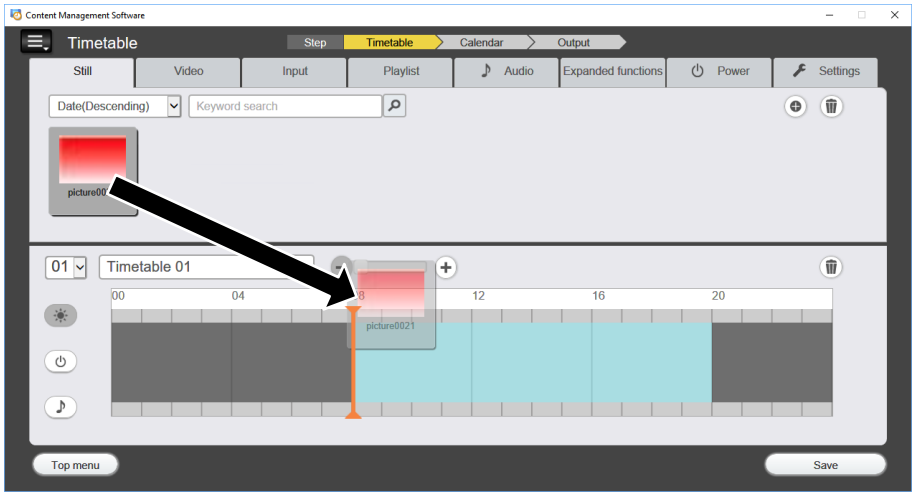
- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click the tab of the content to register in the timetable from the content type tab.

- The display of the content list changes when clicked.

3 Register the content in the timetable.

- Drag & drop the content to register in the timetable from the content list to the timetable at the bottom of the screen.

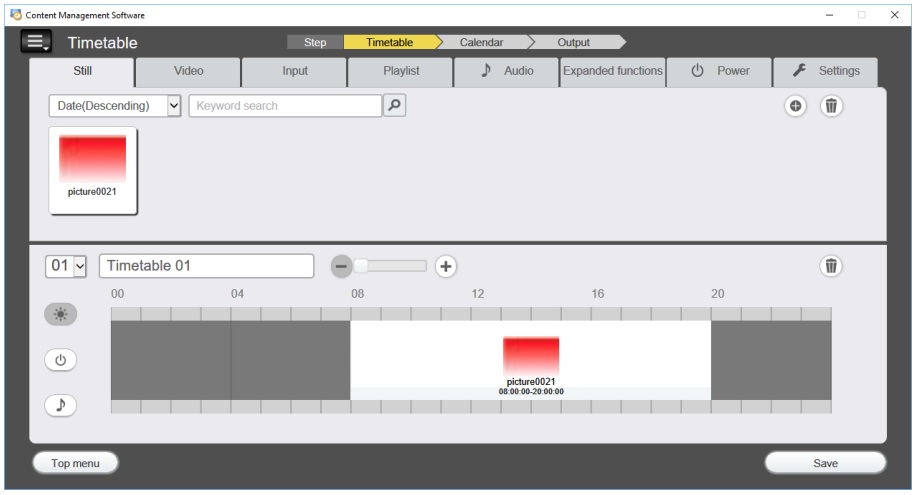


4 Enter the timetable name.

- Enter the name in the timetable name field. Up to 24 characters can be entered as the timetable name.

5 Click the [Save] button.

- The created timetable is registered in the schedule.
- A timetable ID is assigned automatically when the timetable is registered.
- To continuously create the timetable, refer to “Creating the new timetable” (➡ page 97).



Note

- It is saved with the initial name that is preset when a name is not entered in the timetable name field and the [Save] button is clicked.
- The display scale can be enlarged or reduced by operating the [-]/[+] buttons or slider in the upper part of the timetable. Also, enlargement/reduction adjustment of the display scale can also be performed by operating the mouse wheel when the cursor is over the timetable.
- It cannot register a content to the timetable spanning the start time of the day set in [Time of change-of-day]. [Time of change-of-day] can be set in the [Settings] tab screen.(➡ page 78)
- The power supply content cannot be registered in the timetable in a continuous time. Register to the timetable with a gap of one minute or longer between the previous or next power supply content.

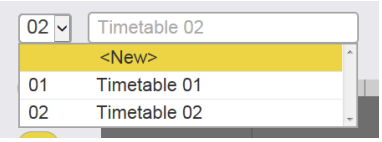
Creating the new timetable

Create the new timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click the timetable ID field and select [<New>].



- A new timetable is displayed. For details of method to register a content to the timetable, refer to “Editing the timetable” (➡ page 96).

Note

- Up to 99 timetables can be registered for each schedule.
- Up to 100 content for each content type (image/music/brightness/power supply) can be registered in one timetable.

Deleting the image content registered in the timetable

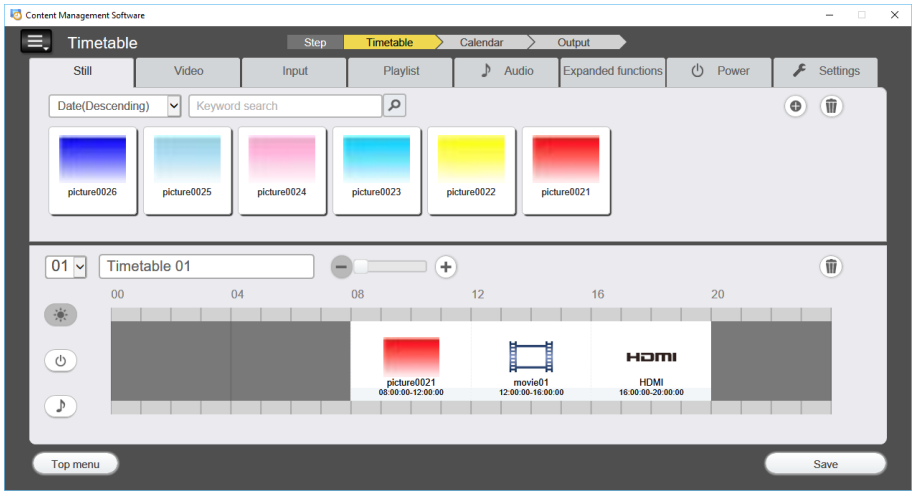
Delete the image content (still image/movie/external input content/playlis/Extended feature conte) registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

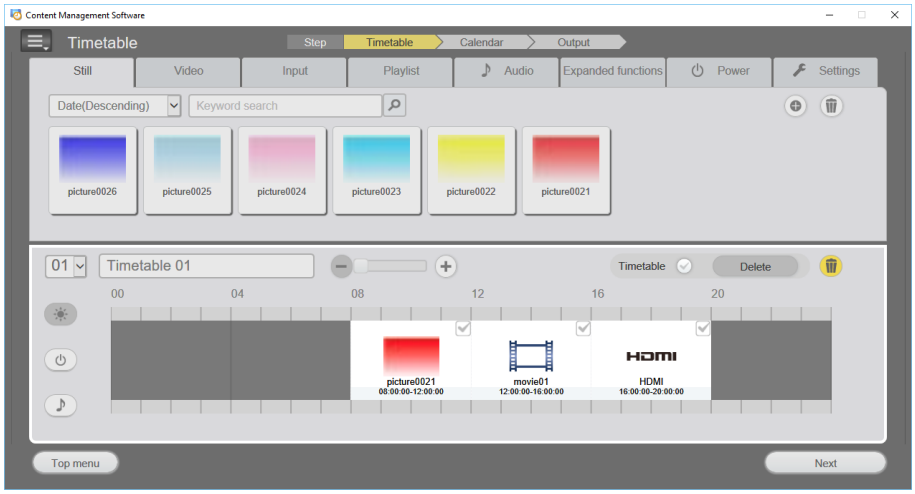
2 Unselect , , and for the timetable.

- If any of the icons is displayed in yellow, click the icon to release the selection.



3 Click for the timetable.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.



4 Select the image content to delete.

- You can select multiple contents.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.

- The selected image content is deleted from the timetable.
- The content is not deleted from the schedule even if that content is deleted from the timetable.

Deleting the music content registered in the timetable

Delete the music content registered in the timetable.

1 Display the [Timetable] screen.

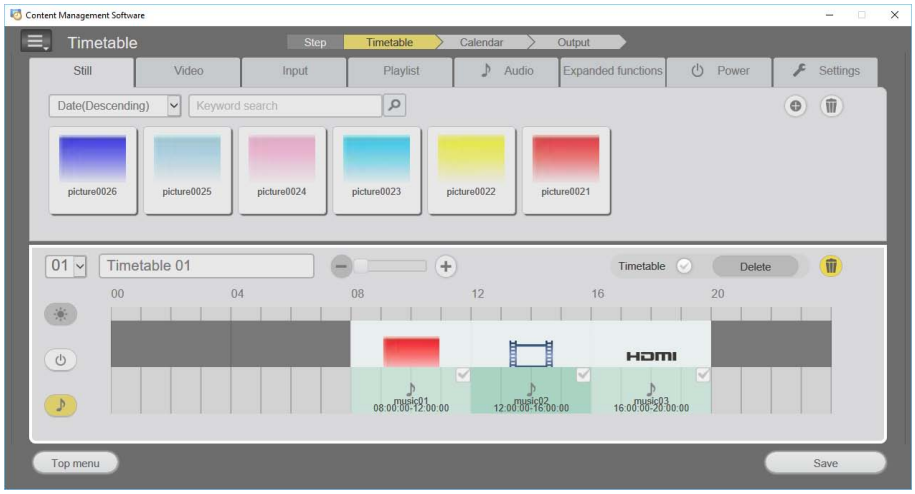
- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click and select ♪ in the timetable.

- When selected, the icon color changes to yellow.
- When the icon is displayed in white, it is not selected. Click the icon again.

3 Click 🗑 for the timetable.

- The mode changes to deletion mode.
- Click 🗑 again to cancel the deletion mode.



4 Select the music content to delete.

- You can select multiple contents.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.

- The selected music content is deleted from the timetable.

Deleting the power supply content registered in the timetable

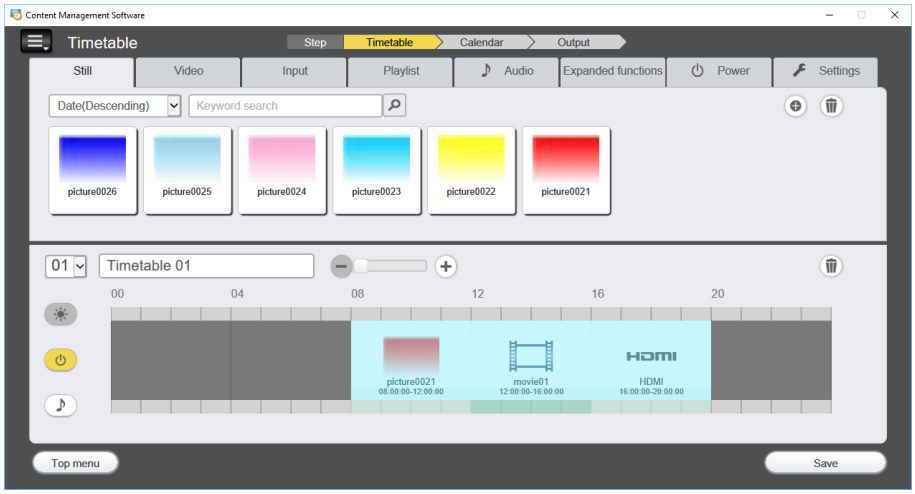
Delete the power supply content registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

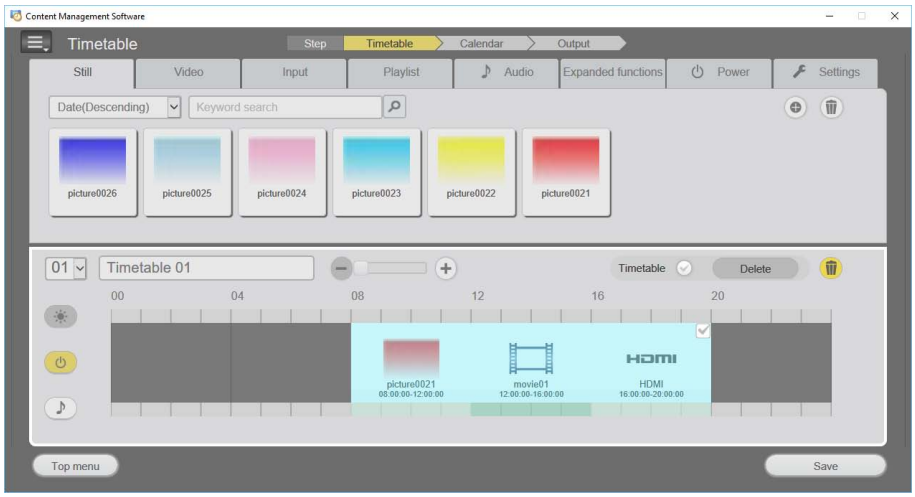
2 Click and select in the timetable.

- When selected, the icon color changes to yellow.
- When the icon is displayed in white, it is not selected. Click the icon again.



3 Click for the timetable.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.



4 Select the power supply content to delete.

- You can select multiple contents.

5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.

- The selected power supply content is deleted from the timetable.

Deleting the timetable

Delete the registered timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Click the timetable ID field and select the timetable to delete.

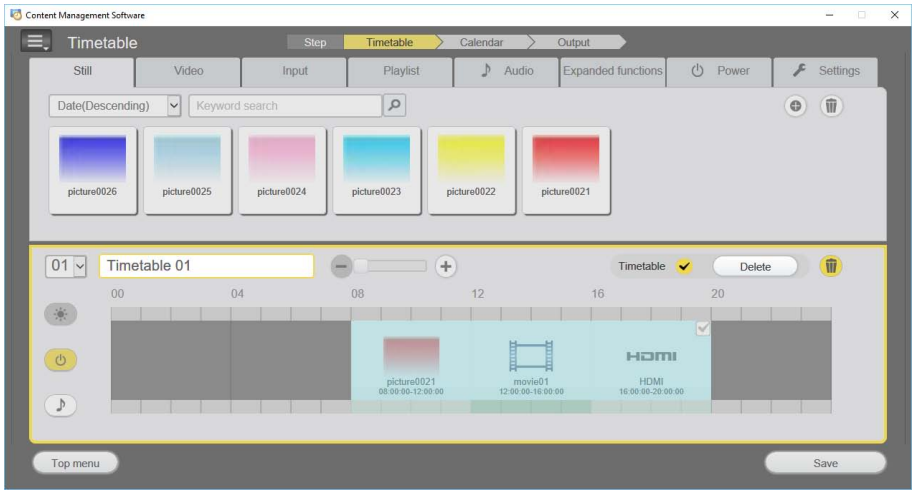
- Selected timetable is displayed.

3 Click for the timetable.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.

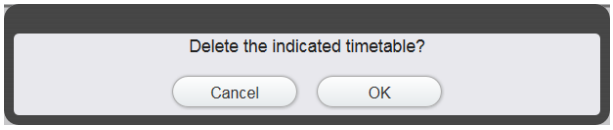
4 Place a check in the [Timetable] field.

- The timetable is now in condition that can be deleted.
- Remove the check in the [Timetable] field to delete the content registered in the timetable.



5 Click the [Delete] button.

6 When the confirmation screen is displayed, click the [OK] button.



- Selected timetable is deleted.

Note

- The timetable cannot be deleted if that timetable is registered in a calendar.

Changing the setting of the content registered in the timetable

Change the settings of the content registered in the timetable.

1 Display the [Timetable] screen.

- For details of display method of the [Timetable] screen, refer to “Editing the content” (➡ page 83).

2 Double click the content to change the setting in the timetable.

- The [Content edit] screen is displayed for each content of which setting is to be changed.

3 Perform various settings, and click the [Enter] button.

- The setting of the content registered in the timetable is updated.

Note

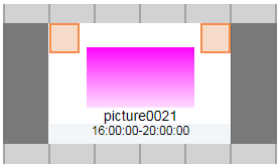
- The content is newly registered and displayed in the content list when [Brightness] of the brightness content is changed and [Enter] button is clicked.

Adjusting the time of content registered to a timetable

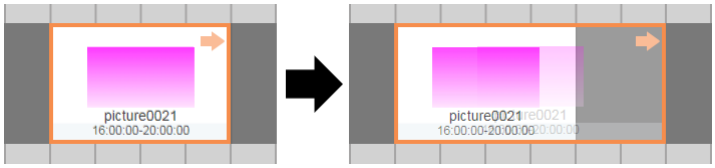
Select content placed on a timetable and then adjust the start time, end time, and playback time.

■When adjusting the time of content by the drag operation

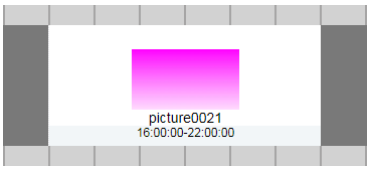
- Click content on the timetable to display handles on both edges at the upper part of the content.



- Select the handle of either the start time or end time of the content and drag to the time to which to adjust.



- The time within the dragged range is applied to the content as the playback time.

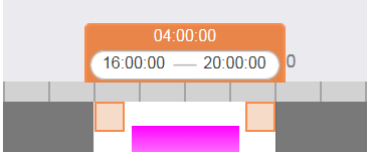


Note

- If other content is already placed at the position to which the time is to be adjusted, the content for which you are attempting to adjust the position will have the priority.

■When adjusting the time of content by direct input

- Click content on the timetable to display the [Time indication] (start time / end time / playback time).



- Select the [Time indication] you wish to adjust and then directly input a value to adjust the time of the content.

Note

- When adjusting the time by direct input, you cannot adjust the start time and end time at the same time. Also, you cannot set a start time that is after the end time nor an end time that is before the start time.

Editing the schedule

Duplicating or deleting of the existing schedule can be performed.

Creating the new schedule

Create the new schedule.

Note

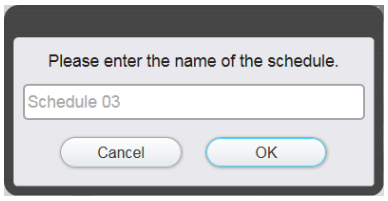
- This is the procedure when there is an existing schedule.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Click New.

- The entry screen for schedule name is displayed.



3 Enter the schedule name, and click the [OK] button.

- The [Timetable] screen is displayed.

Note

- Up to 99 schedules can be registered.
- It is saved with the initial name that is preset when a schedule name is not entered and the [OK] button is clicked.

Changing the schedule name

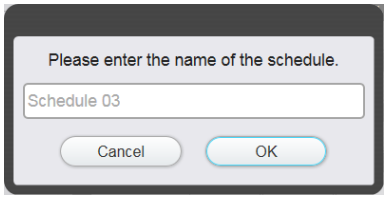
Change the schedule name.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Right-click the schedule to change the schedule name in the schedule list.

- The entry screen for schedule name is displayed.



3 Enter the schedule name, and click the [OK] button.

- The schedule name is changed.

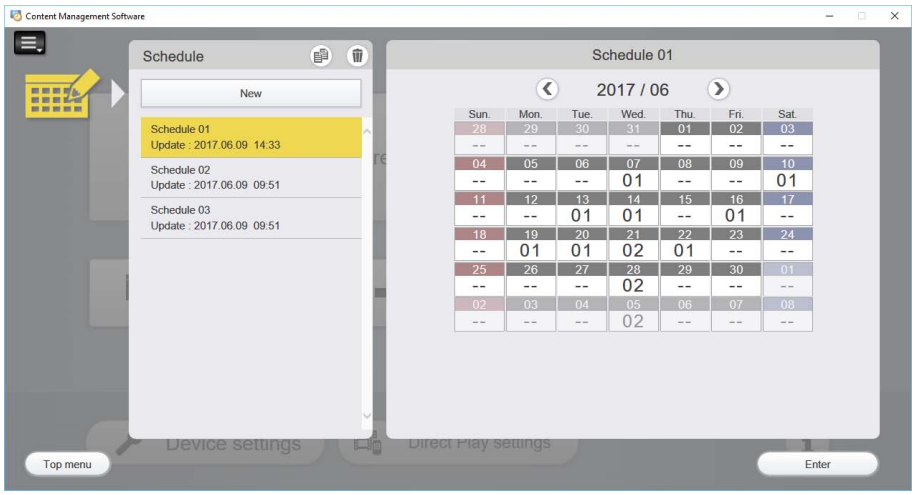
Note

- It is saved with the preset name when a schedule name is not changed and the [OK] button is clicked.

Duplicating the schedule

1 Click the [Create/Edit] menu in the top menu screen.

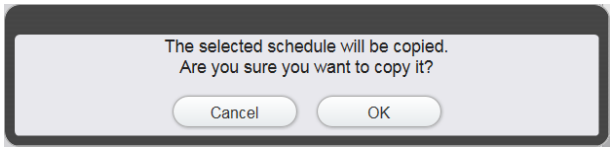
- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.



2 Select the schedule to copy from the schedule list.

3 Click in the schedule list.

4 When the confirmation screen is displayed, click the [OK] button.



5 Enter the schedule name, and click the [OK] button.

- The entry screen for schedule name is displayed. Enter the name of the schedule.
- The schedule is copied.

Note

- The schedule can also be duplicated from the schedule list that is displayed by clicking [by Schedule] from the [Confirmation] menu in the top menu screen.
- It is saved with the preset name (“Copy” + “schedule name”) when a schedule name is not entered and the [OK] button is clicked.
- A schedule created after selecting [Space Player] in “Launcher screen” can also be duplicated. To edit it as a schedule for an LCD display, select the [Expanded functions enable] check box on the [Settings] tab and then click [Next].

Deleting the schedule

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

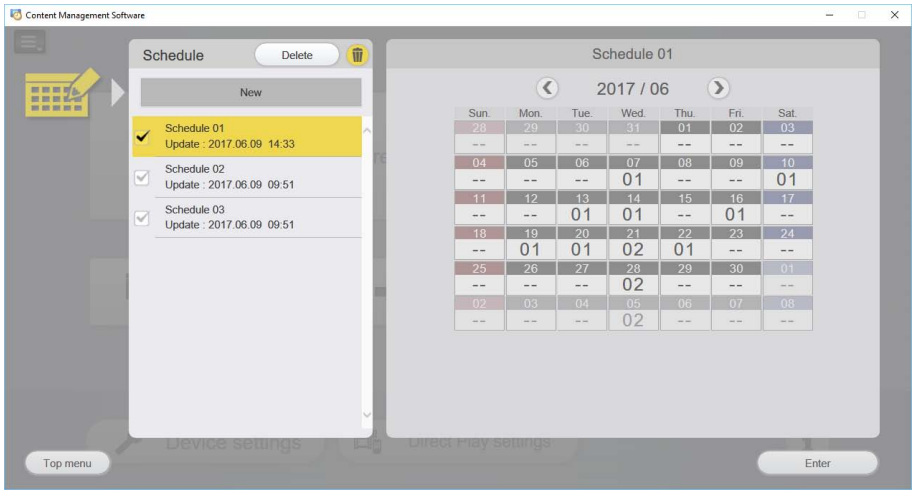
2 Click in the schedule list.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.

3 Select the schedule to delete.

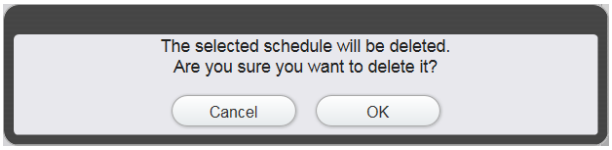
- A yellow border and a check mark are displayed on the selected schedule.
- Multiple schedules can be selected.

- Remove the check from the selected schedule to cancel the selection.



4 Click the [Delete] button.

5 When the confirmation screen is displayed, click the [OK] button.



- Selected schedule is deleted.

Note

- The schedule can also be deleted from the schedule list that is displayed by clicking [by Schedule] from the [Confirmation] menu in the top menu screen.

Setting the calendar

Setting the timetable to the calendar

1 Click the [Create/Edit] menu in the top menu screen.

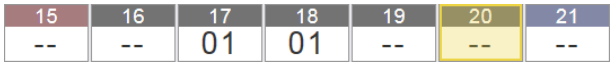
- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

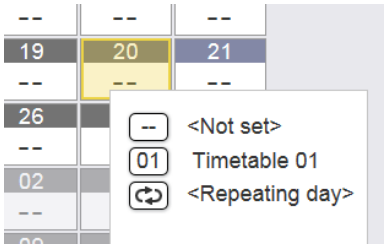
3 Click the day to set the timetable in the calendar.

- A yellow border is displayed on the clicked day and becomes selected.
- Click the selected date again to cancel the selection.



4 Set the timetable.

- Right-click or press and hold for the touch operation on the selected date to display the sub-menu.
- Select the timetable to set and click it.
- Select [<Not set>] to cancel the selection.



Note

- The timetable can be set to multiple dates at once. Same timetable can be set to selected dates by selecting multiple dates, display the sub-menu with the date selected last, select the timetable to set, and clicking it.

Making multiple selections for setting the timetable

To select multiple days, there are methods for selecting days individually and selecting continuous days at once.

Note

- The range of multiple selections is only within the month displayed on the calendar.

Selecting days individually

For details, refer to “Setting the timetable to the calendar” (➡ page 106).

Selecting continuous days at once

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

3 Click on the first day to select at once.

- A yellow border is displayed on the clicked day and becomes selected.
- Click the selected date again to cancel the selection.

4 Click on the last day to select at once while pressing the “Shift” key.

- A yellow border is displayed on all the days within the selected period and becomes selected.
- Click on the day that is selected again while pressing the “Shift” key to cancel the selection.

5 Set the timetable.

- Right-click or press and hold for the touch operation on the selected date to display the sub-menu.
- Select the timetable to set and click it.
- Select [<Not set>] to cancel the selection.
- The timetable selected from the sub-menu is set for all the days in the selected period. For details of the setting method, refer to “Setting the timetable to the calendar” (➡ page 106).

[Repeating day setting]

Set the same timetable every week on the same day of the week. In this case, there is no limitation of the registration period of the schedule.

1 Click the [Create/Edit] menu in the top menu screen.

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

2 Select the schedule to edit and click the [Enter] button.

- The content of the schedule is displayed in the calendar when the schedule to edit is selected.

3 Click the day to set the timetable in the calendar.

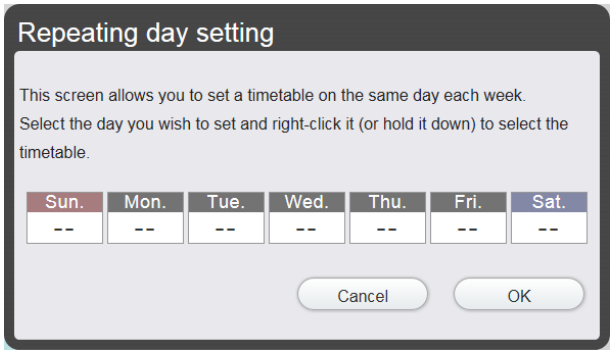
- A yellow border is displayed on the clicked day and becomes selected.
- Click the selected date again to cancel the selection.

4 Right-click or press and hold for the touch operation on the selected day.

- The sub-menu is displayed.

5 Select [<Repeating day>].

- The [Repeating day setting] screen is displayed.



6 Select the day of the week to set the timetable.

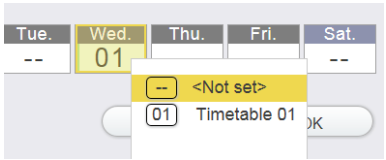
- A yellow border is displayed on the clicked day of the week and becomes selected.

7 Right-click or press and hold for the touch operation on the selected day of the week.

- The sub-menu is displayed.

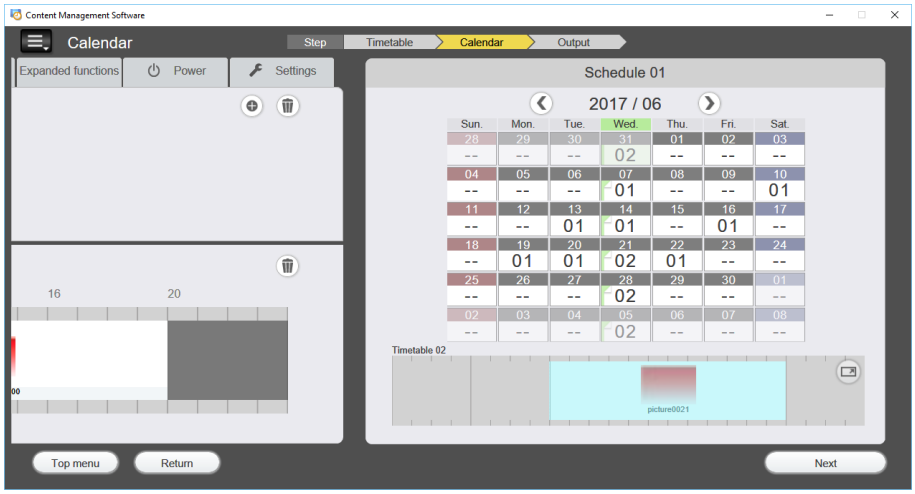
8 Select the timetable to set with the sub-menu.

- Select [<Not set>] to cancel the selection.



9 Click the [OK] button.

- The set timetable ID is displayed on all the days of the set day of the week.



Note

- The individually set timetable will have the priority when there is a timetable individually set in the week of the day set with [Repeating day setting]. To prioritize the [Repeating day setting] setting, set this after deleting the individually set timetable.

■Calendar display

The display method of the calendar varies depending on the content set in the calendar.

●When the timetable is set individually only on specific dates (individual setting)

- Display is like 04 / 01 on the calendar.

●When repeating day only is set

- Display is like 04 / 01 on the calendar.

●When the repeating day setting and individually setting are set overlapped

- Display is like 04 / 01 on the calendar.

●About a day for which the repeating day setting exists

- Display is like Wed. on the calendar.

Note

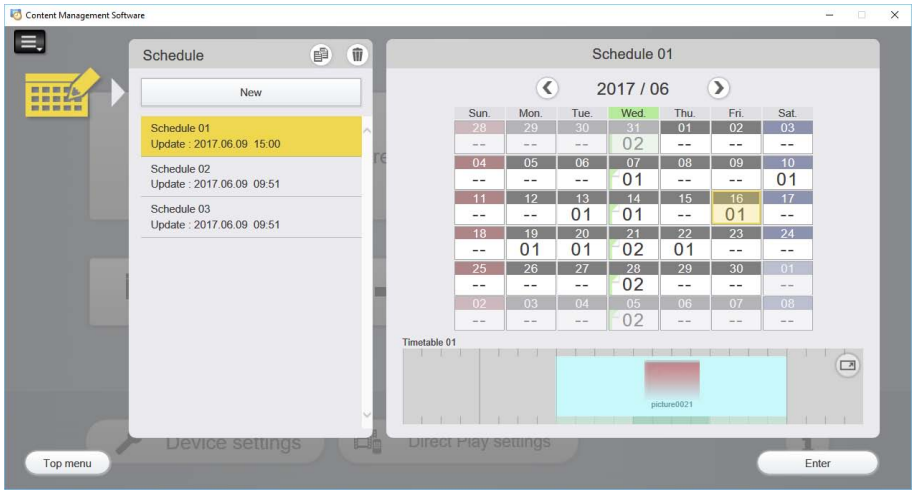
- If the individual setting is set when the repeating day setting already exists on the calendar, the individual setting will have priority.

Enlarged display of the timetable

The timetable set in the calendar can be displayed enlarged.

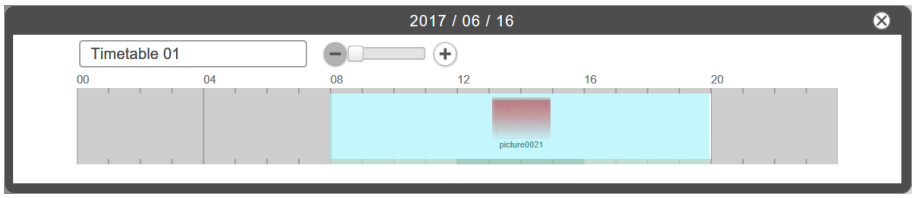
1 Select the date to display enlarged from the calendar.

- The timetable for the selected date is displayed at the bottom of the calendar.



2 Click for the timetable.

- The timetable is displayed enlarged.



- Click to end the enlarged display.

Outputting the created schedule

The created schedule can be output by two methods, USB or LAN.

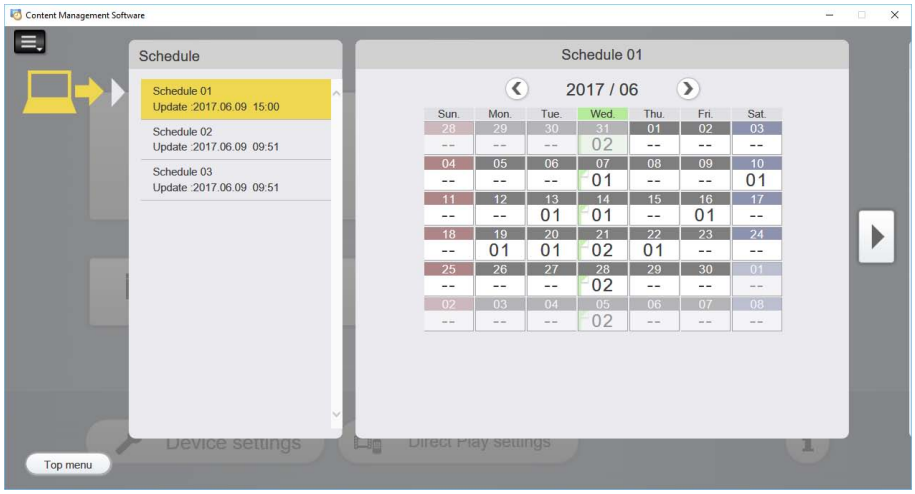
For details on [Output], refer to “[Output] screen” (➡ page 80).

Register the network information of the output device in advance when outputting to the device directly via LAN.

For details, refer to “Registering the output device information” (➡ page 119).

1 Click the [Output] menu in the top menu screen.

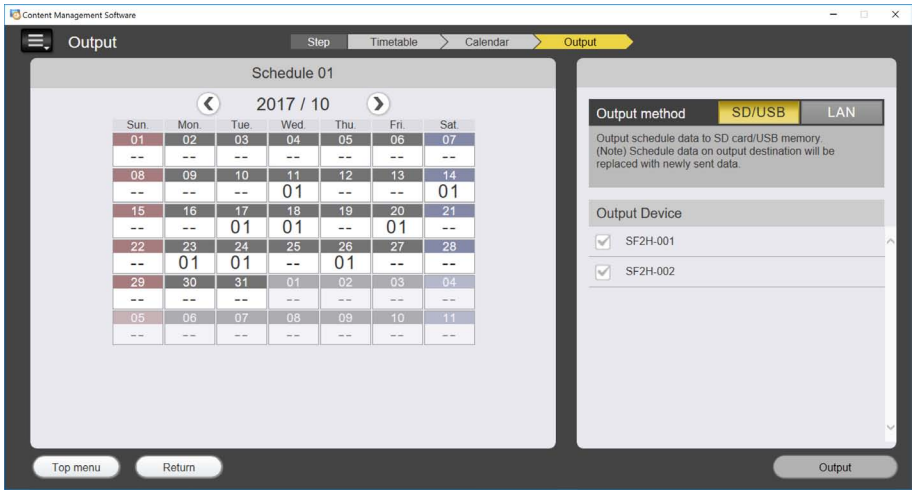
- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.



2 Select the schedule to output from the schedule list.

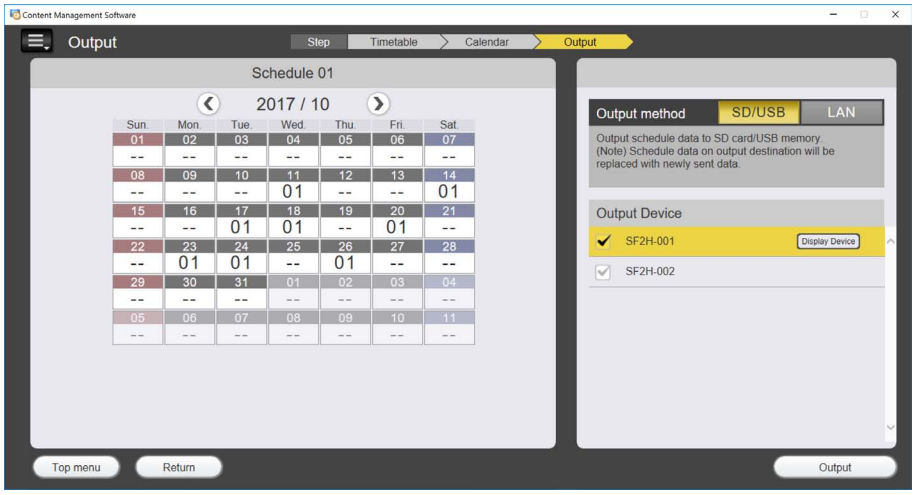
3 Click the [▶] button.

- The [Output] screen is displayed.
  Set how to output the selected schedule to which device.



4 Select the output method and the output device.

- Select the output method and the output device for the created schedule. Selected method and device are displayed in yellow. Also, selected device is displayed with a check mark.
- In the case of a device with the [Display Device] button selected in the device settings screen, it is indicated with [Display Device] if selected.

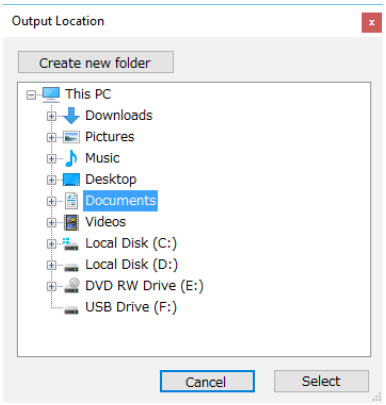


5 Click the [Output] button.

■When [SD/USB] is selected as the output method

i) Click the [Output] button.

- The selection screen of the output location is displayed.



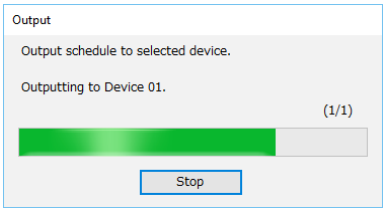
ii) Select the output location, and click the [Select] button.

- The schedule is output to the selected location, and the confirmation screen for completing the output is displayed.
- The confirmation screen is displayed when a removable media is selected as the output location. Insert the USB memory and click the [OK] button.

■When [LAN] is selected as the output method

i) Click the [Output] button.

- A check is performed if output is possible via the network setting of the selected device.



- Once the output is completed, the confirmation screen of completing the output is displayed.

Note

- If the previously output data is set as the output destination, the previous data is overwritten with the newly output data.
- When outputting via the LAN, check that the USB memory is inserted in the device.
- To cancel output via the LAN part way through, click [Cancel] and then exit the application.
- When outputting content via the LAN, make sure that the size of the free space remaining on the USB memory is at least double the size of the content to be output.
- [i] is displayed at the right of the device name for the device that has previously output with a different schedule.
- If the size of the schedule exceeds 2 GB, the schedule cannot be output via the LAN to the LCD display.
- It may take some time to complete the output depending on the size of the schedule.
- If content that cannot be played by the device is registered in the schedule, a message may be displayed.
- Output via the LAN can be performed in parallel while continuing content playback of the USB media player function, scheduled playback function, or memory viewer function of the device that is the output destination.
- If [Scheduled Playback Function] is enabled on the device, the schedule is moved to the USB input automatically and the schedule playback function operates when output via the LAN completes.
- When output via the LAN is performed while playing content with the scheduled playback function, playback switches to playback with the output schedule after output has completed.
- Outputting while continuing content playback increases the time required to complete output.
  If you wish to shorten the time required to complete output, set the input to other than USB or MEMORY VIEWER or set the schedule wait standby state.
- Do not turn off the power or remove the USB memory during output via the LAN.
  There is a risk of damage to internal data or the USB memory becoming unable to be read correctly.
- Do not turn off the power or remove the USB memory for one minute from the completion of output via the LAN.
  There is a risk of damage to internal data or the USB memory becoming unable to be read correctly.
- The creation date and time and update date and time are cleared for content output to USB memory using the LAN.
- When the schedule is output via the LAN, the update dates and times of the folders below the output PRIVATE folder may not be displayed correctly.
- If the playback mode of the device was synchronous playback, playback begins from the next schedule from the current time after output via the LAN is completed. The device waits with a black screen during the schedule period of the current time.
- If a schedule is sent immediately after sending a schedule or immediately after canceling sending, an error message may be displayed.
  If that happens, please wait a while and then resend it. (You may need to wait several minutes)

Confirming the content of the created schedule

The setting condition of the schedule created and saved with the Content Management Software can be confirmed.
There are two methods to confirm, the method to select from the date and the method to select from the schedule.

Confirming the content by selecting the date

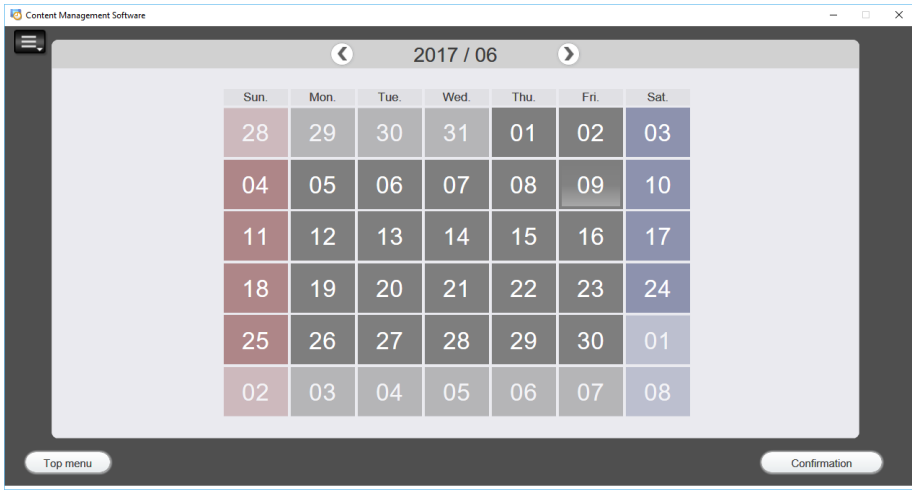
It is possible to confirm by the date of what timetable is set for which device.

1 Click the [Confirmation] menu in the top menu screen.

- The [Confirmation] menu screen is displayed.

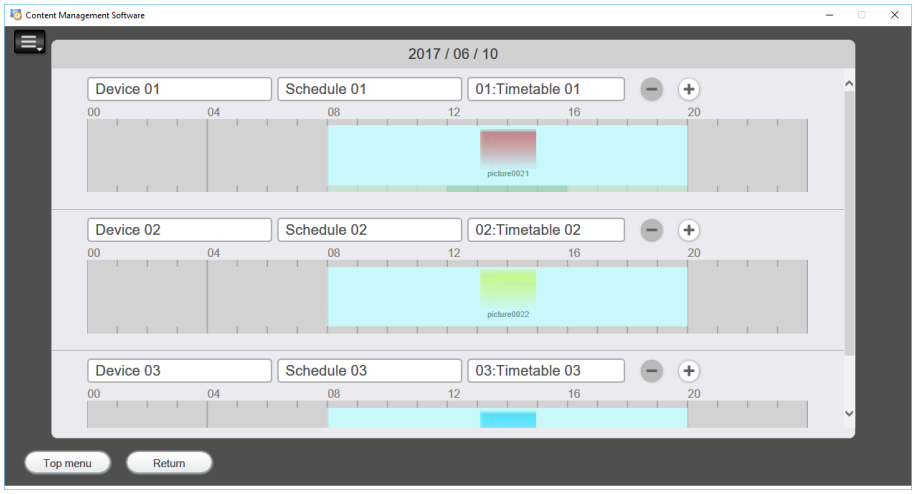
2 Click [by Date].

- The calendar is displayed.



3 Select the date to confirm and click the [Confirmation] button.

- The timetable set for the selected date is displayed by each device.
- To confirm other date, click the [Return] button, return to the calendar, and select the date.



Note

- The timetable of a device for which a schedule has not been output is displayed in a state with nothing set, and "--" is indicated for the schedule name and timetable name.

Confirming the content by selecting the schedule

The timetable set for each date can be confirmed.

1 Click the [Confirmation] menu in the top menu screen.

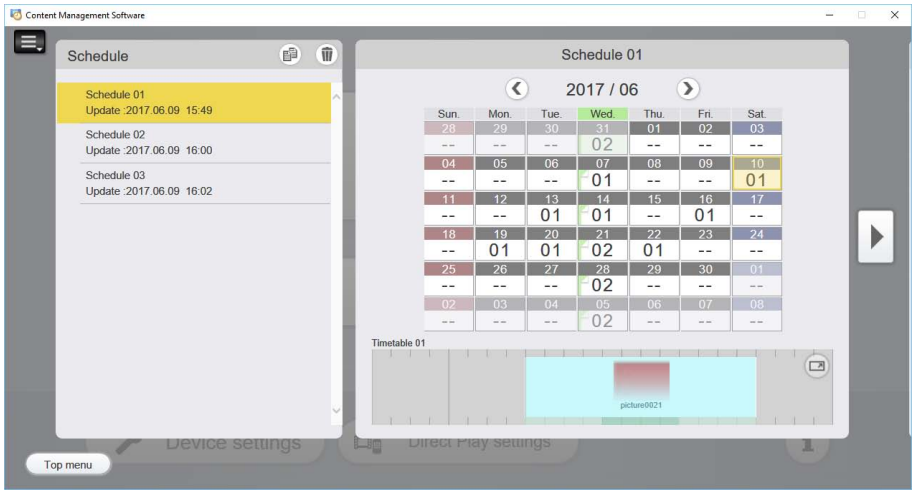
- The [Confirmation] menu screen is displayed.

2 Click [by Schedule].

- The schedule list is displayed at the left side of the screen and the calendar is displayed at the right side of the screen.

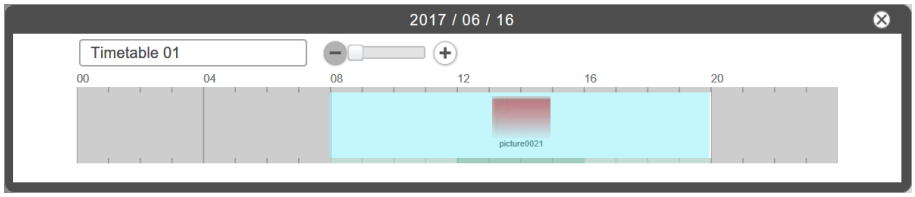
3 Select the schedule to confirm from the schedule list.

- Content of the selected schedule can be confirmed in the calendar.



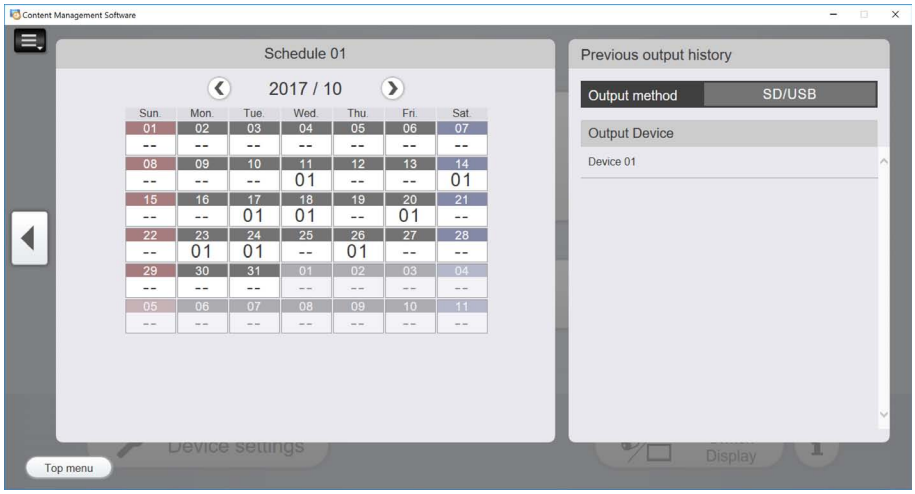
4 Click the date to confirm in the calendar.

- The timetable is displayed below the calendar when clicking the date for which the timetable is set.
- Click of the timetable to enlarge the display of the timetable.



5 Click the [▶] button.

- The [Previous output history] screen is displayed.
  It is possible to confirm that the selected schedule was output to which device in what output method previously.



- To confirm other schedule, click the [◀] button to return to the schedule list and select a schedule.

Reading the schedule

Content Management Software can read and edit created schedules.

Reading created data

Following data can be read as a new schedule and edit it.

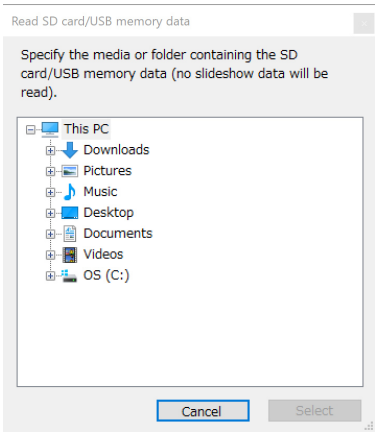
- Data created by selecting [SD/USB] as the output destination from the [Output] menu.

1 Click the [Read] menu in the top menu screen.

- The [Read] menu screen is displayed.

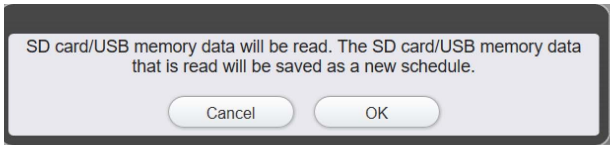
2 Click [SD/USB memory data].

- The screen to select the data to read is displayed.



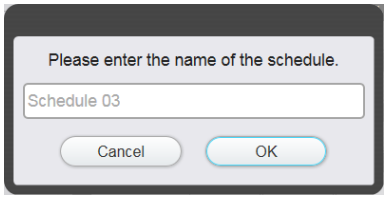
3 Select the media or the folder where the data to read is located, and click the [Select] button.

- Select the media or the folder where the “PRIVATE” folder is located.
- A confirmation screen to save as a new schedule is displayed.



4 Click the [OK] button.

- The entry screen for schedule name is displayed.

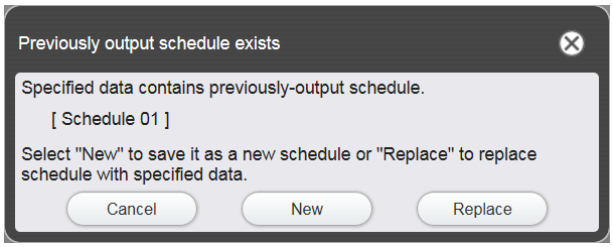


5 Enter the schedule name, and click the [OK] button.

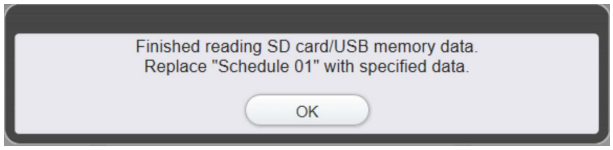
- Reading of the data in the USB memory completes.

■When following confirmation screen is displayed in Step 3

- Select if it is to be created as a new schedule or to overwrite the schedule with the selected data when there is a schedule that was output previously.
  To create as a new schedule, click the [New] button, and to overwrite the schedule with the selected data, click the [Replace] button.



- The entry screen of the schedule name described in Step **4** is displayed when the [New] button is clicked, so proceed to Step **5** from there.
- The confirmation screen is displayed after overwriting of the schedule is completed when the [Replace] button is clicked, so click the [OK] button.



Note

- Reading may take a while to complete depending on the size of the data in the USB memory.
- [Backup data] is not supported by LCD display.

Transferring the data to another computer

The Content Management Software can transfer the data to another computer.
The set of data managed by the Content Management Software can be output as a batch as a “transfer data” or read as a batch. Also, all the contents and schedules currently used can be transferred to another computer with the Content Management Software installed.

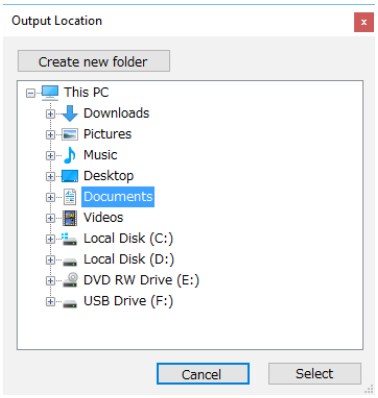
Outputting the transfer data

1 Click the [Migrate Data] menu in the top menu screen.

- The [Migrate Data] menu screen is displayed.

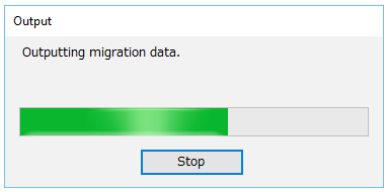
2 Click [Output].

- The screen to select the output destination is displayed.

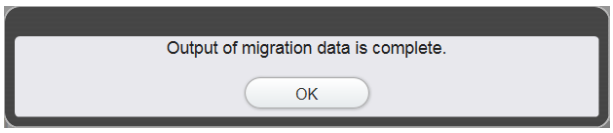


3 Specify the folder to be the output destination and click the [Select] button.

- The output destination folder that can be selected is as follows.
  Computer, network shared folder/drive, removable media



- Once the output is completed, the confirmation screen of completing the output is displayed.



4 Click the [OK] button.

- Creation of the transfer data is completed.
- The transfer data file is divided into multiple files when the file size of the data is 2 GB or larger.

Note

- The transfer data contains all information regarding the relevant schedule such as content registered in the timetable and various system setting information.
- It may take some time to complete the output depending on the size of the schedule. It may also take some time when a removable media is specified as the output destination.

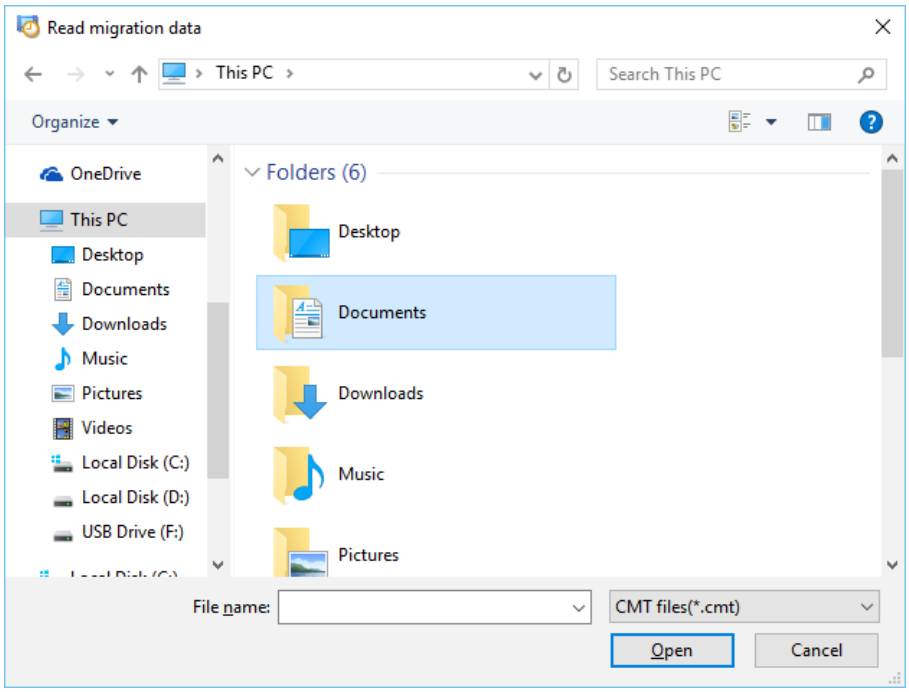
Reading the transfer data

1 Click the [Migrate Data] menu in the top menu screen.

- The [Migrate Data] menu screen is displayed.

2 Click [Read].

- The screen to select the transfer data is displayed.



3 Select the data to read and click the [Open] button.

4 Click the [OK] button.

- Read of the transfer data is completed.
- Only the first file is displayed in case of file that was divided to multiple files.

Note

- It may take some time for the read to complete depending on the size of the transfer data.

Registering and changing the output device information

Register the network information of the output device in advance when outputting to the device that the schedule was specified via LAN.

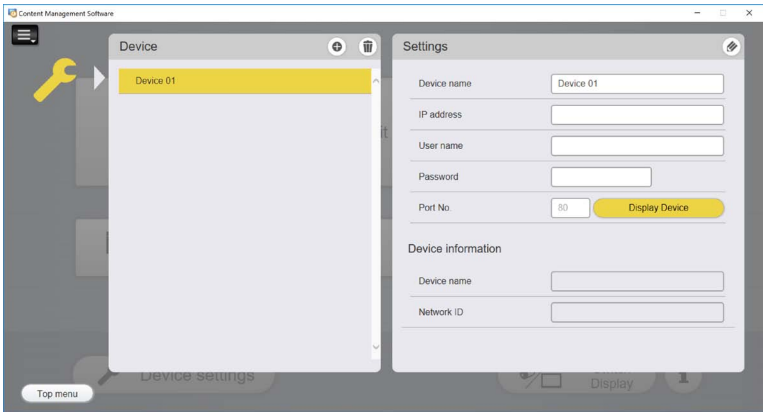
Note

- There is a device called [Device 01] prepared in [Output Device] even if there is no device registered.
  Only [Device name] is registered for [Device 01]. Perform the setting of the device when outputting directly to a specified device via LAN.
- Up to 99 devices can be registered.

Registering the output device information

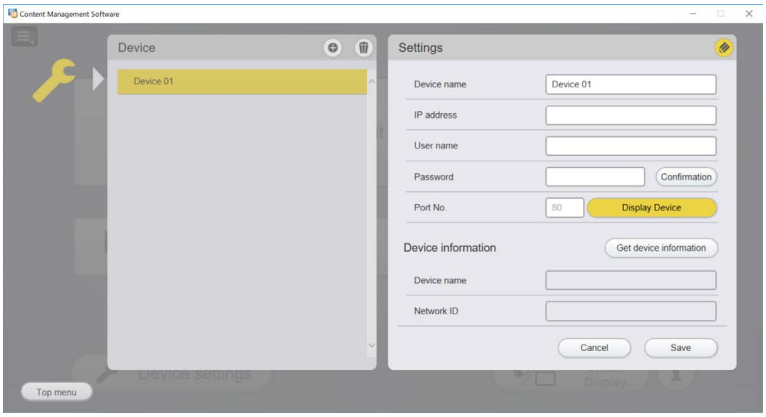
1 Click the [Device settings] menu in the top menu screen.

- The device list is displayed at the left side of the screen and the content of setting is displayed at the right side of the screen.



2 Set to the edit mode.

- Click in [Settings] to edit the device information.
- Click in the device list to add the device information.



3 Enter [Device name], [IP address], [User name], [Password], and [Port No.].

- Register the network information of the output device.
- The initial value of [Port No.] is 80. The settings do not need to be changed from the initial values.
- For [User Name] and [Password], you need to enter a user name and password for which there are administrator rights. For details on the user name and password of the device, refer to the operating instructions for the device.
- This is displayed in the state in which the [Display Device] button is selected. If the button is clicked to deselect it, selection in the [Creating Content using Expanded Functions] screen becomes no longer possible.

4 Click the [Confirmation] button.

- Confirm if the registered output device network information is correct by communicating with the device. [Device name] and [Network ID] are displayed when the connection confirmation with the output device is performed correctly.
- Click the [OK] button if the confirmation screen indicating the network connection has failed. Confirm the network information of the output device again, and enter the correct information.

5 Click the [Save] button.

- The content under work is saved and the edit mode is ended.
- Click the [Cancel] button or the button to end the edit mode without saving the content under work.

Changing the output device information

The information for the registered output device can be changed.

1 Click the [Device settings] menu in the top menu screen.

- The device list is displayed at the left side of the screen and the content of setting is displayed at the right side of the screen.

2 Click the device to change the registered information in the device list.

3 Click .

- The mode is changed to the edit mode.

4 Change the registration information.

- Change [Device name], [IP address], [User name], [Password], and [Port No.].
- If the device name was changed at the output device, click the [Get device information] button, and proceed to Step **6** once the information is acquired.

5 Click the [Confirmation] button.

- [Device name] and [Network ID] is displayed when the network information of the registered output device is correctly entered.
- Click the [OK] button if the confirmation screen indicating the network connection has failed.
  Confirm the network information of the output device again, and enter the correct information.

6 Click the [Save] button.

- The content under work is saved and the edit mode is ended.
- Click the [Cancel] button or the button to end the edit mode without saving the content under work.

Deleting the output device information

1 Click the [Device settings] menu in the top menu screen.

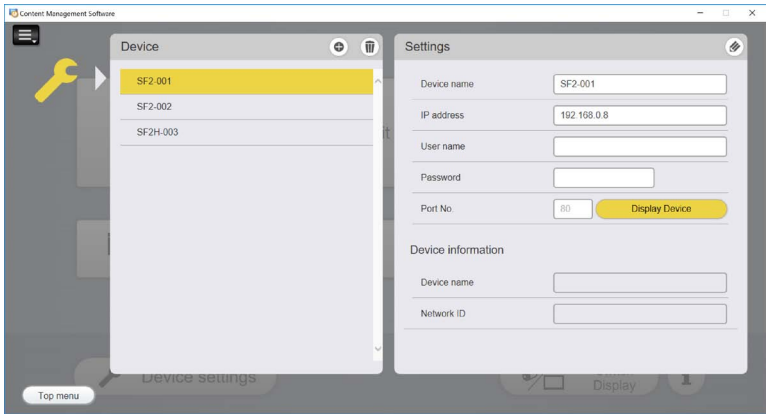
- The device list is displayed at the left side of the screen and the content of setting is displayed at the right side of the screen.

2 Click in the device list.

- The mode changes to deletion mode.
- Click again to cancel the deletion mode.

3 Select the device to delete.

- A yellow border and a check mark are displayed on the selected device.
- Multiple devices can be selected.



4 Click the [Delete] button.

5 When the confirmation screen is displayed, click the [OK] button.

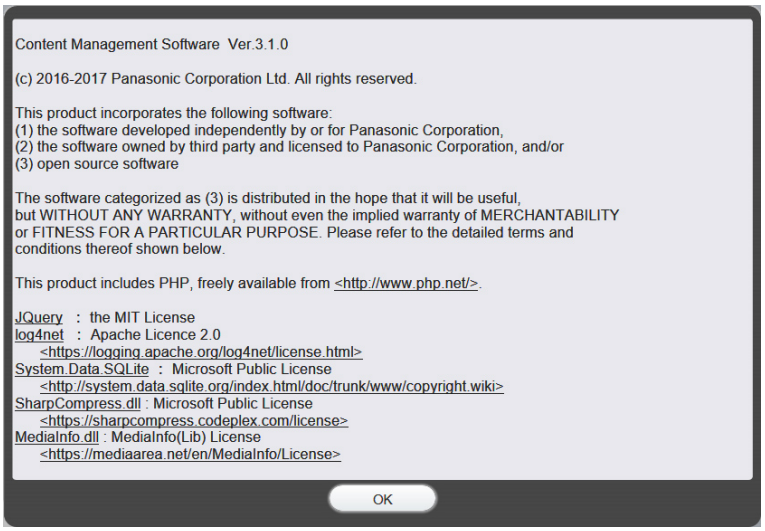
- The selected device is deleted.

Confirming the software information

Name, version, and copyright display of the Content Management Software, and the license of the used open source software, etc., can be confirmed.

1 Click the button in the top menu screen.

- The information screen is displayed.



FAQ

■Cannot register a content

- The still image/movie/music content is checked if it is possible to play back on the device at the time of registration.
  Confirm the file extension, format, and codec of the file if it cannot be registered.
  For details, refer to “File that can be used with the schedule” (➡ page 7).

■Content such as movie is not played back smoothly on the device

- The movie or music may not be played back normally or it may take time to display the still image when the SD card or the USB memory is the product with slow data transfer speed. Confirm the speed class of the SD card to be used.
  (Speed class: Class 10 recommended)

■Cannot output correctly via LAN

- Confirm the condition of the LAN adaptor of the used computer is possible to be used. It may not be possible to connect with the device if security software or utility software for the wireless LAN adapter in the case of a wireless LAN is installed when the computer settings are configured. For details, refer to “Computer environment required for connection” (➡ page 9).
- The output via LAN may not complete normally depending on the radio wave environment when the wireless LAN is used. Try to improve the radio wave environment, output via wired LAN, or use the output to the SD card. For details of improvement of the radio wave environment of the wireless LAN, refer to Operating Instructions.
- Confirm that the SD card or the USB memory is inserted in the device. Check that an SD card or USB memory is inserted in the device. Furthermore, check whether the write protection switch on the SD card inserted in the device is set to the unlocked position or that the free space of the USB memory is not insufficient. When the device is a projector, check that there is a "PRIVATE" folder in the SD card. For details of method to create the “PRIVATE” folder, refer to the Operating Instructions of the device.
- Output via the LAN is not possible in the normal standby state when the device to be used is an LCD display. Perform output in the powered-on state or schedule wait standby state.
  For details about the [schedule standby] setting, refer to the Operating Instructions of the device.
- It cannot output via LAN when the [STANDBY MODE] setting of the device is set to [ECO] or [NETWORK], and the device is in a standby mode. Execute the output via LAN again after turning on the device or changing the [STANDBY MODE] setting to [NORMAL]. For details about the [STANDBY MODE] setting, refer to the Operating Instructions of the device.
- When the device to be used is an LCD display and a file called PRIVATE exists directly below the root in the USB memory, output will fail.

■Acquiring the device information failed

- Confirm the IP address, user name, password and port number of the device connected with LAN. For details of IP address, user name, and password of the device, refer to the Operating Instructions of the device. The port number does not need to be changed from the initial value of 80.
- When the device is a projector, you need to enter a user name and password for which there are administrator rights for Content Manager in [User Name] and [Password]. When the device is an LCD display, you need to enter a user name and password for which there are administrator rights for the device in [User Name] and [Password]. For details on the user name and password of the Content Manager and the device, refer to the Operating Instructions of the device.
- The device information cannot be acquired when the device to be used is a projector and the [STANDBY MODE] setting is set to [ECO] or [NETWORK]. Click the [Get device information] button again after turning on the device or changing the [STANDBY MODE] setting to [NORMAL]. For details about the [STANDBY MODE] setting, refer to the Operating Instructions of the device.
- When the device to be used is an LCD display, check that an USB memory is inserted in the device. The device information cannot be acquired in the normal standby state.
  Click the [Get device information] button in the powered-on state or schedule wait standby state. For details about the [schedule standby] setting, refer to the Operating Instructions of the device.

■The Content Management Software does not operate properly

- The Content Management Software requires Microsoft .NET Framework 4.5.2 or higher to be installed in the computer to be used. Download it from the Microsoft website if it is not installed.
- The screen layout of the Content Management Software may get corrupted or may not display correctly when Internet Explorer 11 or earlier browser is used. Install and use Internet Explorer 11.
- The Content Management Software may not operate properly when it is used on a computer with the account that does not have the administrator rights. In such case, use the Content Management Software with the account with the administrator rights.

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