

WX-SR204P firmware version upgrade instructions

Introduction

This manual shows instructions for the following Operations Support Software and Settings Support Software version.

Make sure to use the following version of the Operations Support Software and Settings Support Software when upgrading the device firmware.

Operations Support Software: V4.0.0.0 or later

Settings Support Software: V4.0.0.0 or later

* If you are currently using the earlier version of the Operations Support Software or Settings Support Software, make sure to uninstall it and then install the above version.

This manual refers to the wireless receiver (WX-SR204P) as a “receiver”, to the extension receiver (WX-SE200P) as an “extension receiver”, to the wireless antenna (WX-SA250P) as an “antenna”, and to wireless microphones (WX-ST200P/WX-ST400P) as “microphones”.

Changes and precautions

Refer to the release notes for the changes in this version (Application: V6.00R00 / FPGA: V5.00R20).

If the version information is as follows, the firmware upgrade is finished.

Firmware version upgrade applicability and latest version

Product/model number	Application	Application2	DSP	FPGA
Receiver (WX-SR204P)	V6.00R00		V2.00R10	V5.00R20
Extension receiver (WX-SE200P)	V6.00R00		V2.00R10	V5.00R20
Antenna (WX-SA250P)	V6.00R00	V2.00R00		V2.10R00

Software for upgrading the firmware version

The Operations Support Software and Settings Support Software are required to upgrade the device firmware version.

These two pieces of software have the following differences, so make sure to check the instructions on connecting to a PC, and the devices applicable for firmware version upgrade in order to use the software correctly.

■ Differences between the Operations Support Software and Settings Support Software

Software type		Operations Support Software	Settings Support Software
Instructions for connecting to a PC		LAN	USB
Firmware upgrade supported (Y/N)	Receiver WX-SR204P	✓	✓
	[ref] Extension receiver WX-SE200P	✓ The firmware can be upgraded simultaneously for multiple units	✓ The firmware must be updated one unit at a time
	[ref] Antenna* WX-SA250P	✓ The firmware can be upgraded simultaneously for multiple units	✓ The firmware must be updated one unit at a time
	[ref] Microphone WX-ST200P/400P	×	✓
How to check the version		The receiver, extension receiver, and antenna can be checked as a batch	The receiver, extension receiver, and antenna must be checked individually

* The antenna firmware is upgraded via the receiver when the receiver to which the antenna and extension receiver are connected is connected to a PC.

■ Approximate firmware upgrade time

Model	Firmware upgrade	Operations Support Software	Settings Support Software
Receiver WX-SR204P	Application	Approx. 4.5 minutes/unit	Approx. 1 minutes/unit
	DSP	Approx. 3 minutes/unit	Approx. 1 minutes/unit
	FPGA	Approx. 20 minutes/unit	Approx. 3 minutes/unit
Extension receiver WX-SE200P	Application	Approx. 2.5 minutes/unit	Approx. 2.5 minutes/unit
	DSP	Approx. 3 minutes/unit	Approx. 3 minutes/unit
	FPGA	Approx. 25 minutes/unit	Approx. 23 minutes/unit
Antenna WX-SA250P	Application 1	Approx. 9 minutes/unit	Approx. 7 minutes/unit
	Application 2	Approx. 9 minutes/unit	Approx. 8 minutes/unit
	FPGA	Approx. 6 minutes/unit	Approx. 5 minutes/unit

Firmware upgrade procedures

You can upgrade the device firmware version via the following steps.

1. Install the Settings Support Software

2. Connect the receiver to the PC (via LAN cable or USB cable)

3. Upgrade the receiver firmware version

See page 4 and later in this manual for further details on how to upgrade the firmware.

4. Upgrade the extension receiver firmware version

Refer to firmware version upgrade instructions for WX-SE200P.

5. Upgrade the antenna firmware version

Refer to firmware version upgrade instructions for WX-SA250P.

6. Confirm the version information

If the version information is as follows, the firmware upgrade is finished.

Product/model number	Application	Application2	DSP	FPGA
Receiver (WX-SR204P)	V6.00R00		V2.00R10	V5.00R20
Extension receiver (WX-SE200P)	V6.00R00		V2.00R10	V5.00R20
Antenna (WX-SA250P)	V6.00R00	V2.00R00		V2.10R00

Important

Doing any of the following during the firmware upgrade process will cause it to fail.

- Cutting the power
- Connecting/disconnecting the LAN cable or USB cable
- Terminating the Settings Support Software/Operations Support Software

If you do any of the above during the firmware upgrade process, restart the receiver and start the firmware upgrade again.

■ Upgrading the receiver firmware using the Operations Support Software

I. Prepare the system for firmware version upgrade

The following items are required:

- PC
- LAN cable
- Receiver (WX-SR204P)
- Operations Support Software
- New firmware

Receiver	Application	: WX-SR204P_APL_V6.00R00.bin
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Receiver	FPGA	: WX-SR204P_FPGA_V5.00R20.bin
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The new firmware is stored in the folder.

The Operations Support Software can be downloaded from the following URL.

URL: <https://na.panasonic.com/us/audio-video-solutions/professional-audio/wireless-microphone-system/wx-sr200p-operations-support-software>

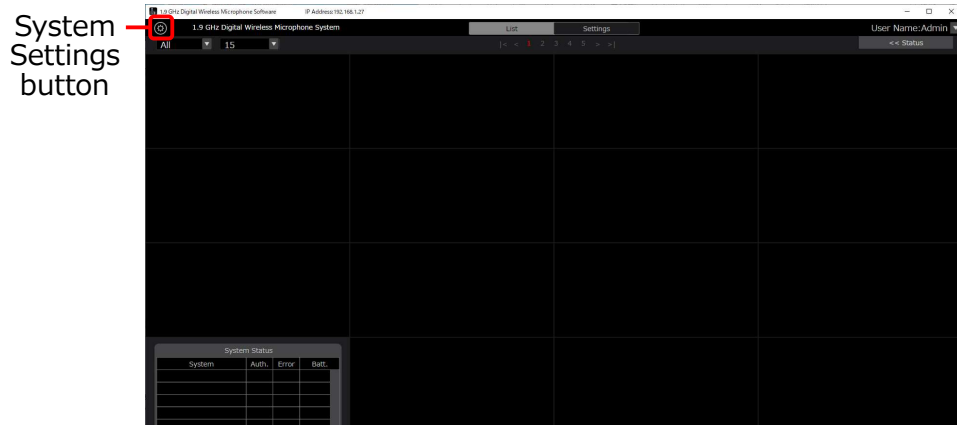
■ Instructions for connecting the receiver and Operations Support Software

1. Log in to the Operations Support Software.

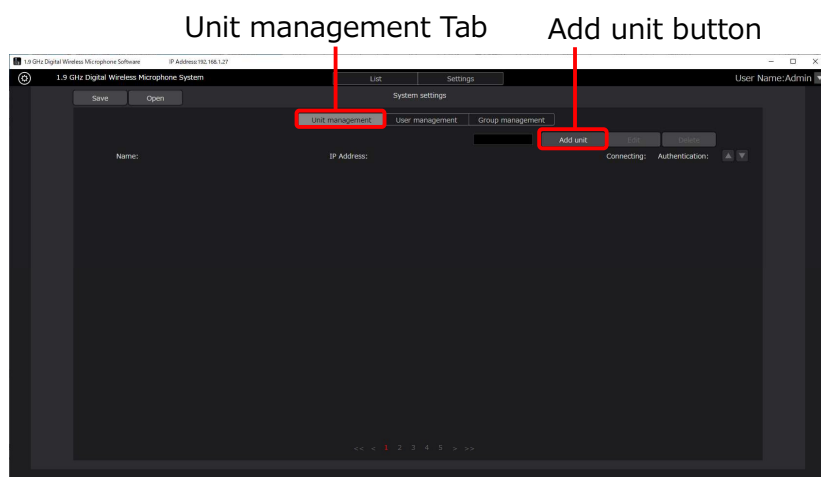
The following user name and password are registered in the state immediately after installation.

User name: Admin / Password: Admin12345

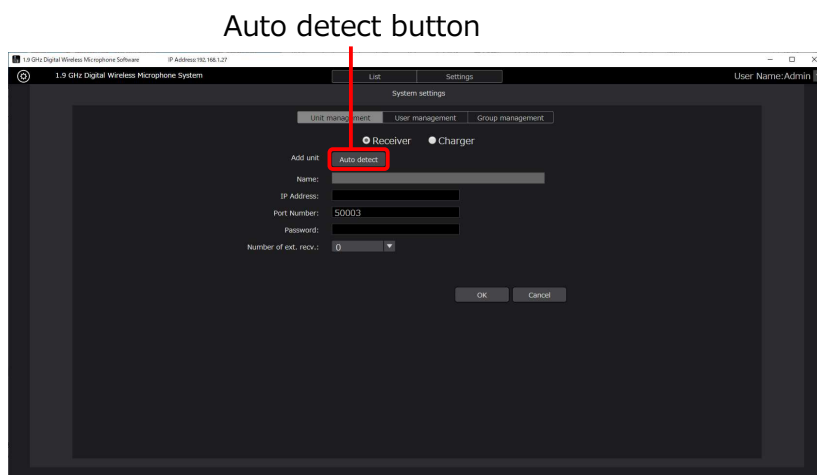
1. When the “List” screen appears, click the [System settings] button on the top left.



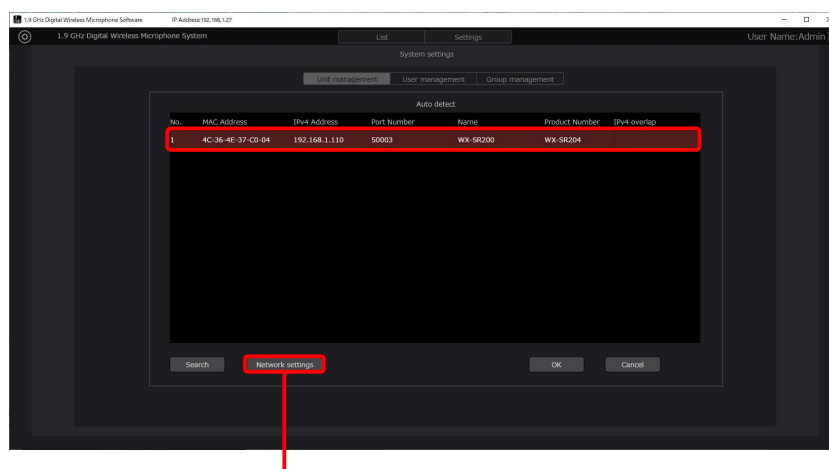
2. Double click the [Unit management] tab in the center of the [System settings] screen.
3. Click the [Add unit] button to switch to the [Unit management] screen.



4. Click the [Auto detect] button.



5. Select the receiver and click the [Network settings] button.

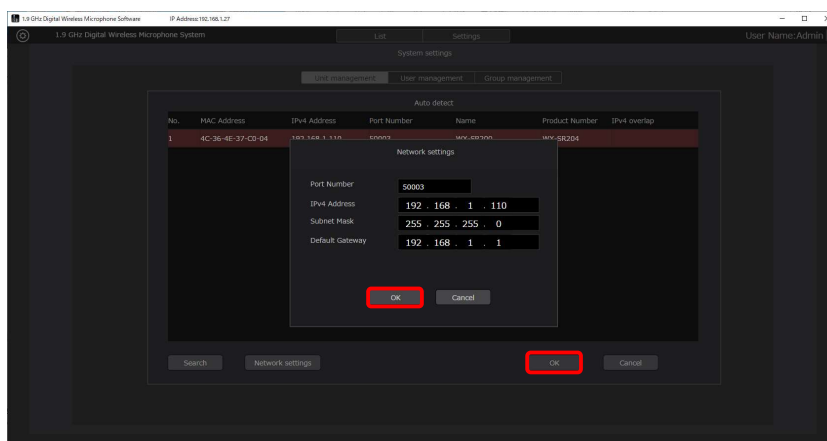


Network settings button

Note

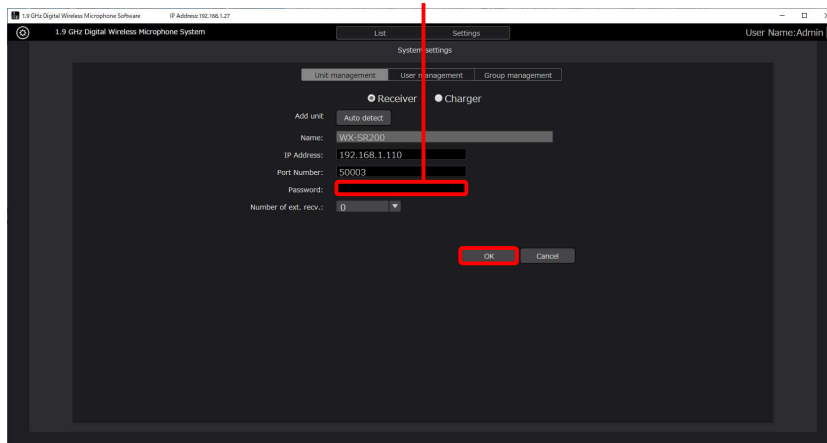
For security purposes, automatic detection is only enabled for 20 minutes after the receiver is started. Restart the receiver if it does not appear.

6. Enter the network settings if necessary, then click “OK” to finish.

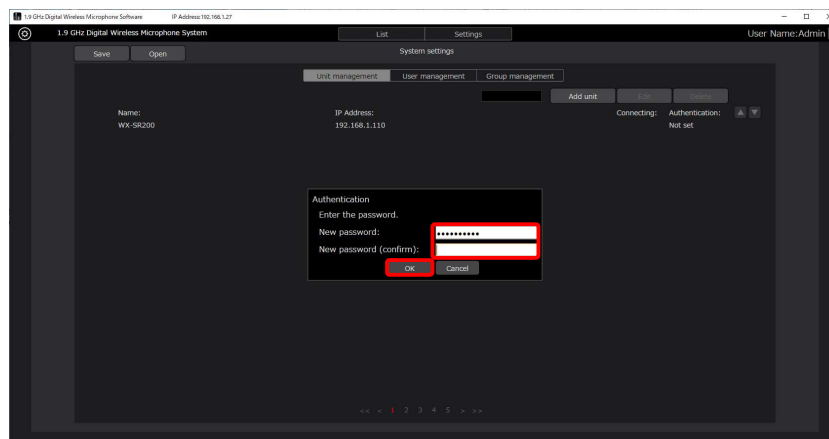


7. Enter the password set on the receiver, then click the “OK” button.
If a password has not been set, enter a password to set on the receiver.

Set the password



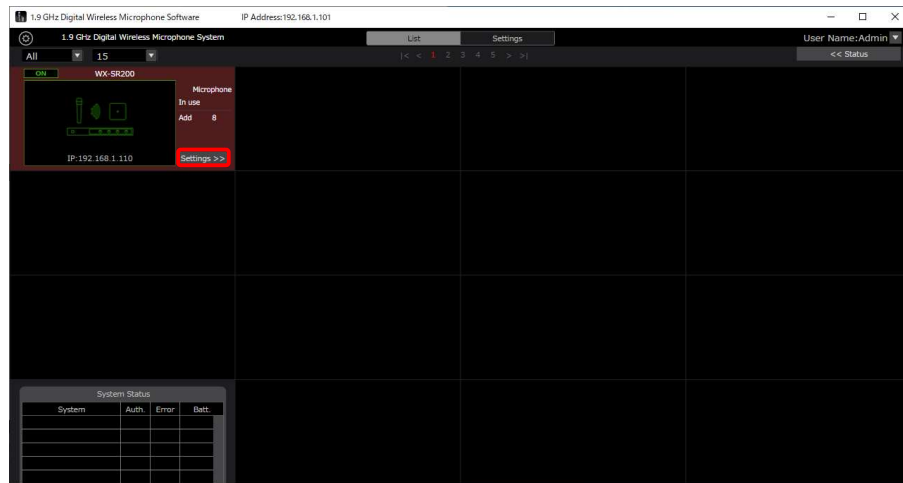
* If the receiver password has not been set, reenter the password set on the receiver above.



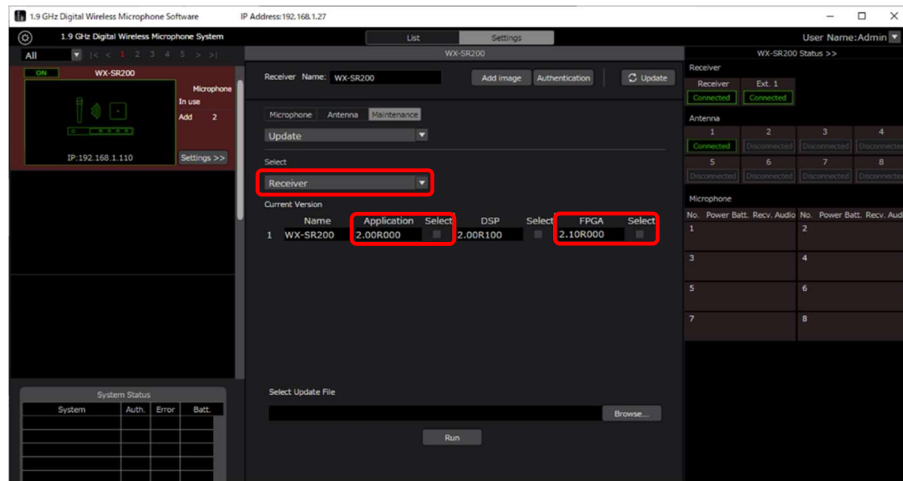
This completes the procedures for connecting the Operations Support Software to the receiver.

II. Confirm the version information

1. Click the “Settings >>” button on the system where you want to upgrade the firmware version.



2. Select the “Maintenance” tab and “Update”, then select “Receiver” in the applicable selection. The version is displayed in "Current version".



* The screen shows a firmware version example. It may differ from the version of your device.

If the version is earlier than the following, version upgrade is required.

Product/model number	Application	DSP	FPGA
Receiver (WX-SR204P)	V6.00R000	V2.00R100	V5.00R200

III. Receiver firmware upgrade instructions

1. Display the firmware version upgrade screen using steps 1 to 2 in II above.
2. Select the applicable unit to upgrade the firmware.

	Name	Application	Select	DSP	Select	FPGA	Select
1	WX-SR200	5.00R000	<input checked="" type="checkbox"/>	2.00R100	<input type="checkbox"/>	5.00R200	<input type="checkbox"/>

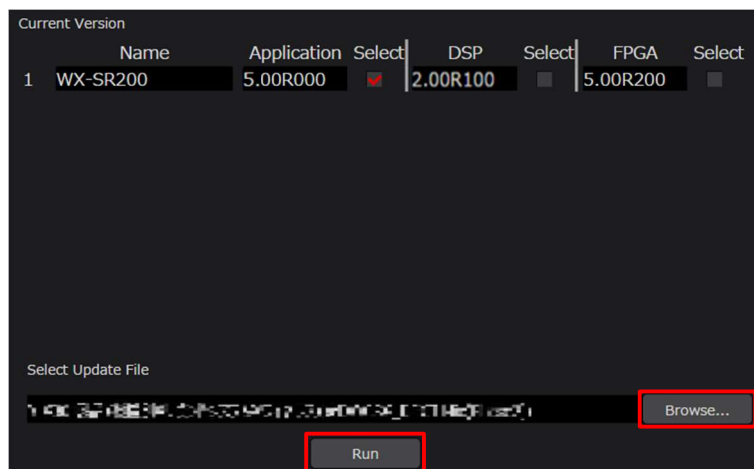
* The screen shows a firmware version example. It may differ from the version of your device.

If the firmware is for different items, such as application and FPGA, for example, you cannot select a simultaneous firmware upgrade.

Upgrade the firmware in the following order: Application, and FPGA.

To upgrade the firmware for Application, select the “Application” check box, and to upgrade the firmware for FPGA, select the “FPGA” check box.

3. Select the firmware version file in “Browse”, then click Run.



* The screen shows a firmware version example. It may differ from the version of your device.

4. The firmware upgrade begins. Click the “Yes” button



5. When upgrading multiple firmware versions, follow the same procedure as 2 to 4.

IV. Confirm that the firmware upgrade is complete

Once all necessary firmware versions have been upgraded, check the version information.

The screenshot shows the 'Settings' screen for a 'WX-SR200' device. The 'Maintenance' tab is selected. Under 'Current Version', a table lists the current firmware versions for the device. The table has columns for Name, Application, Select, DSP, Select, FPGA, and Select. The row for 'WX-SR200' shows versions 6.00R000, 2.00R100, and 5.00R200.

Name	Application	Select	DSP	Select	FPGA	Select
1 WX-SR200	6.00R000	<input type="checkbox"/>	2.00R100	<input type="checkbox"/>	5.00R200	<input type="checkbox"/>

* The screen shows a firmware version example. It may differ from the version of your device.

If the firmware version information has been updated for all devices as shown in the table below, the firmware upgrade is complete.

Product/model number	Application	Application2	DSP	FPGA
Receiver (WX-SR204P)	V6.00R000		V2.00R100	V5.00R200

If the version information has not changed, upgrade the applicable firmware again.

■ Upgrading the receiver firmware using the Settings Support Software

I. Prepare the system for firmware version upgrade

The following is required to upgrade the antenna firmware using the Settings Support Software.

- PC
- USB 2.0 cable
- Receiver (WX-SR204P)
- Settings Support Software
- New firmware

Receiver Application : WX-SR204P_APL_V6.00R00.bin

Receiver FPGA : WX-SR204P_FPGA_V5.00R20.bin

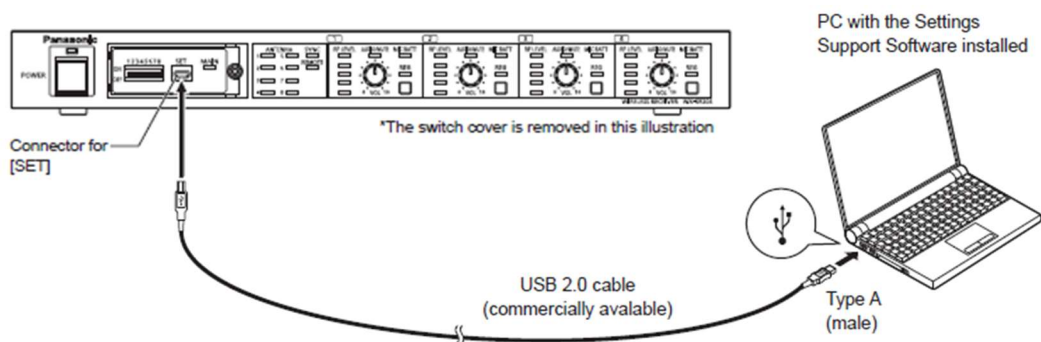
The new firmware is stored in the folder.

The Settings Support Software can be downloaded from the following URL.

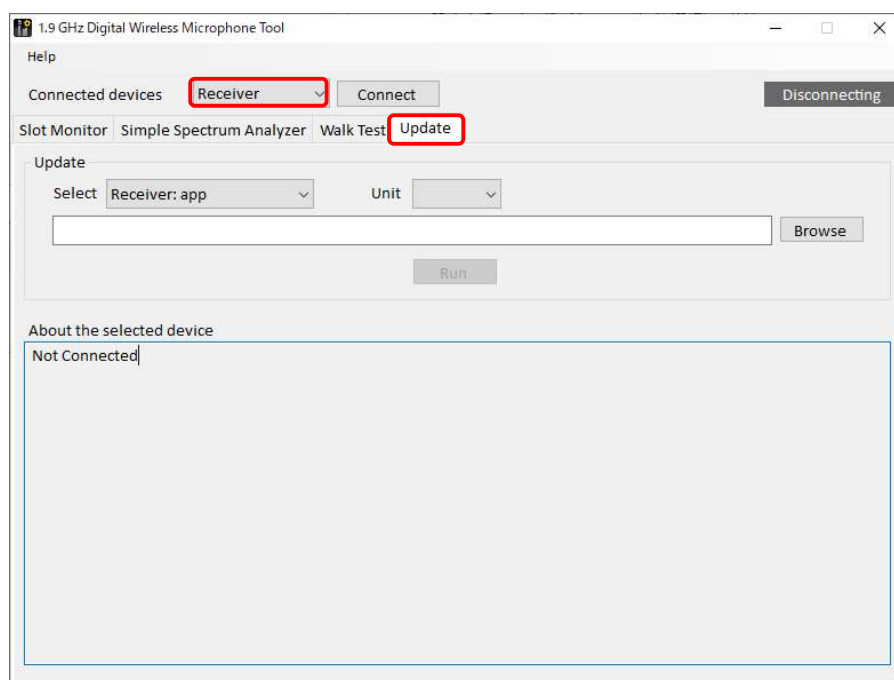
URL: <https://na.panasonic.com/us/audio-video-solutions/professional-audio/wireless-microphone-system/wx-sr200p-operations-support-software>

II. Confirm the version information

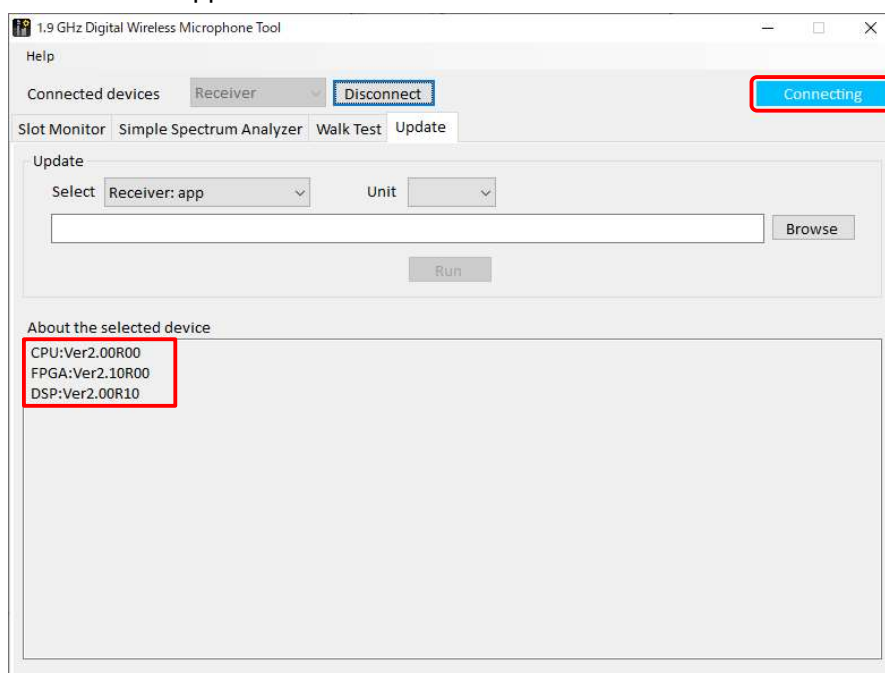
1. Connect the receiver and turn the power on.
2. Connect the receiver to a PC.



3. Select “Receiver” in connected devices, click and hold “Update”, then click the “Connect” button.

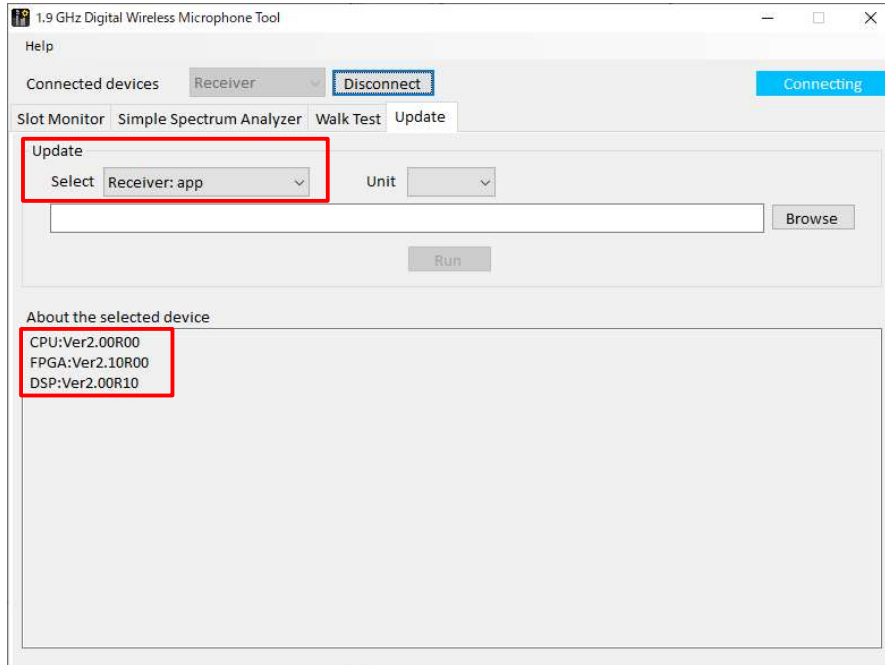


If connection is successful, “Connecting” appears and the firmware version information for the connected receiver appears.



* The screen shows a firmware version example. It may differ from the version of your device.

4. In the “Select” drop-down list, select the target receiver to be upgraded. The version appears in the “About the selected device” field.



* The screen shows a firmware version example. It may differ from the version of your device.

If the version is earlier than the following, version upgrade is required.

Product/model number	Application	DSP	FPGA
Receiver (WX-SR204P)	V6.00R00	V2.00R10	V5.00R20

III. Receiver firmware upgrade instructions

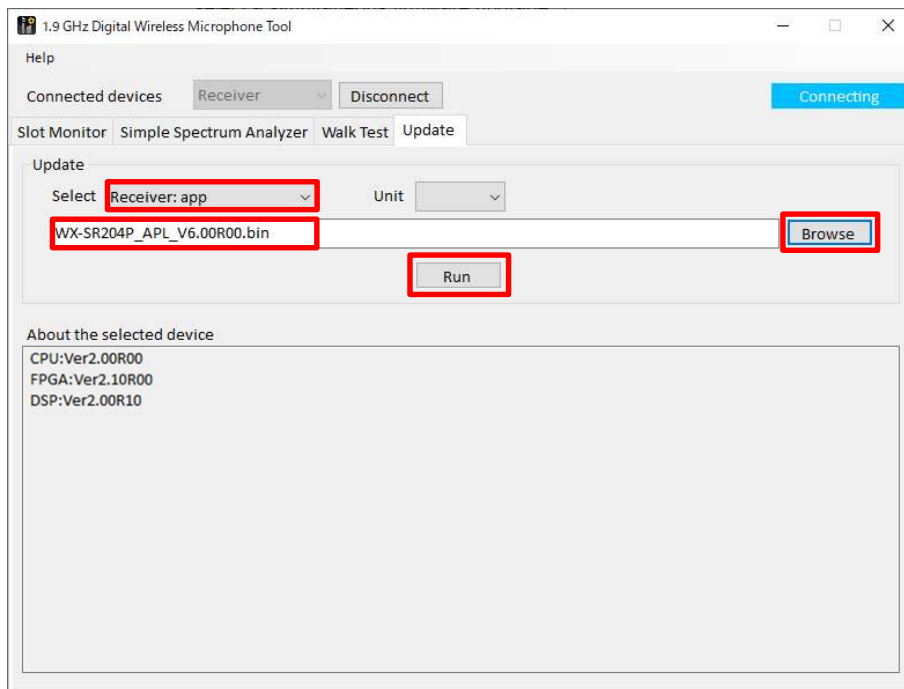
1. Display the firmware version upgrade screen using steps 1 to 4 in II above.
2. In “Select”, select the applicable unit to upgrade the firmware.

If the firmware is for different items, such as application and FPGA, for example, you cannot select a simultaneous firmware upgrade.

Upgrade the firmware in the following order: Application, and FPGA.

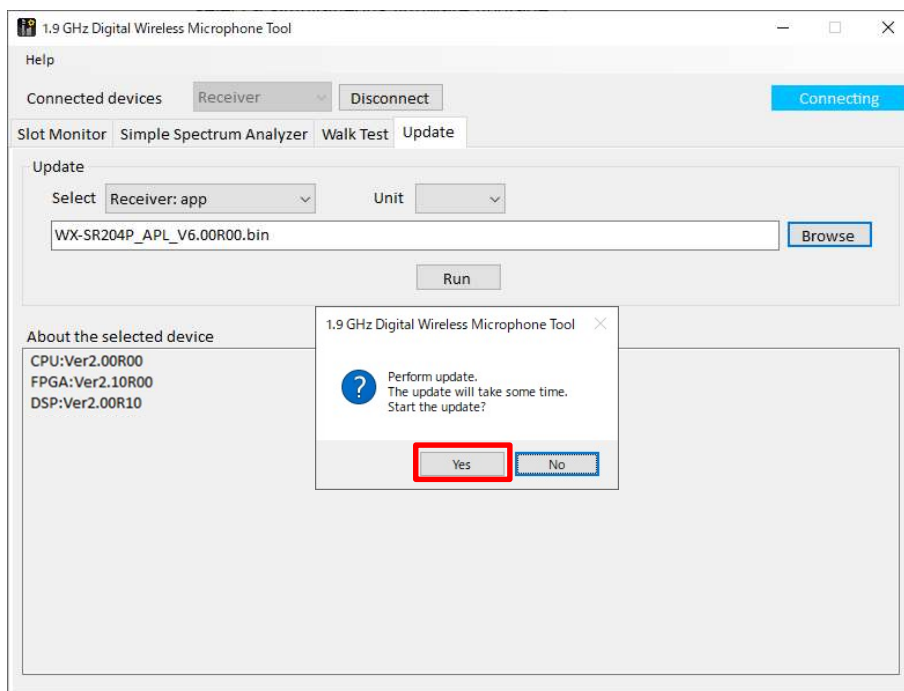
To upgrade the firmware for application, in the “Select” drop-down list select “Receiver: app”, and to upgrade the firmware for FPGA, select “Receiver: FPGA”.

3. Select the firm ware version file in “Browse”, then click “Run”.

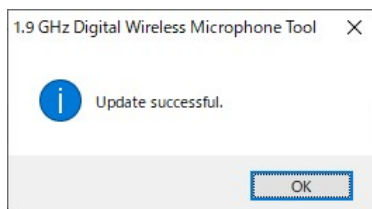
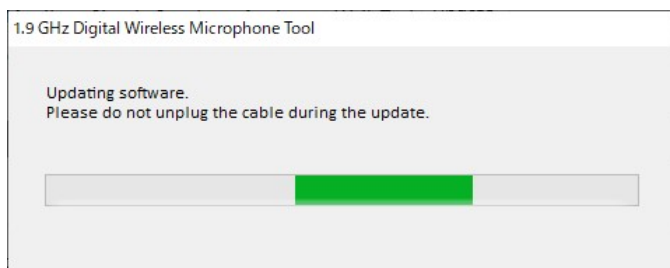


* The screen shows a firmware version example. It may differ from the version of your device.

4. The firmware upgrade begins. Click the “Yes” button.



* The screen shows a firmware version example. It may differ from the version of your device.



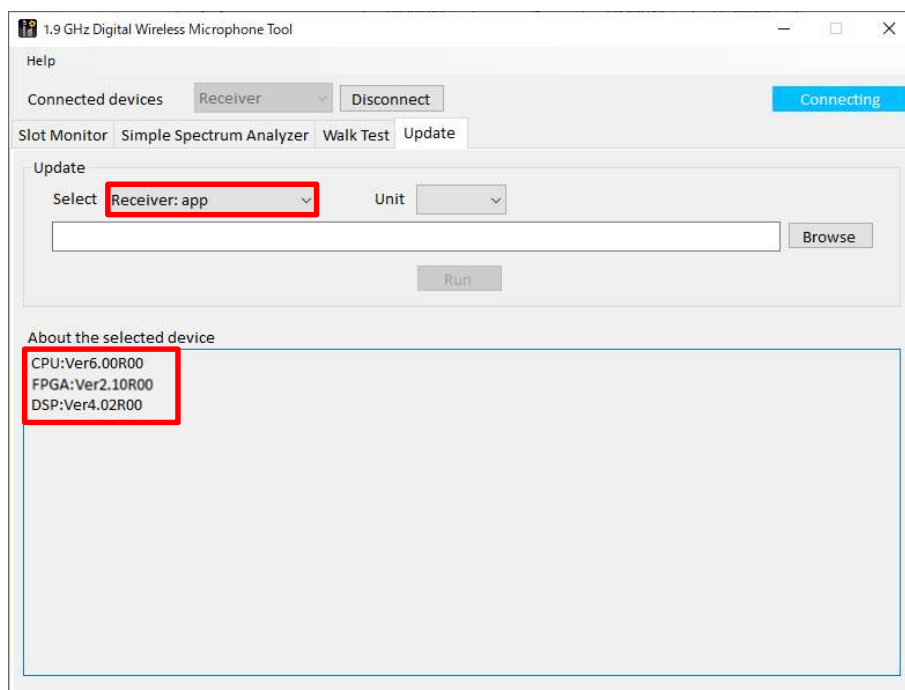
5. When upgrading multiple firmware versions, follow the same procedure as 2 to 4.

IV. Confirm that the firmware upgrade is complete

Once all necessary firmware versions have been upgraded, check the version information. If the firmware version information has been updated for all devices as shown in the table below, the firmware upgrade is complete.

Product/model number	Application	Application2	DSP	FPGA
Receiver (WX-SR204P)	V6.00R00		V2.00R10	V5.00R20

To check the application version, in the “Select” drop-down list select “Receiver: app”, and to check FPGA, select “Receiver: FPGA”.



* The screen shows a firmware version example. It may differ from the version of your device.

If the version information has not changed, please re-upgrade the target firmware.