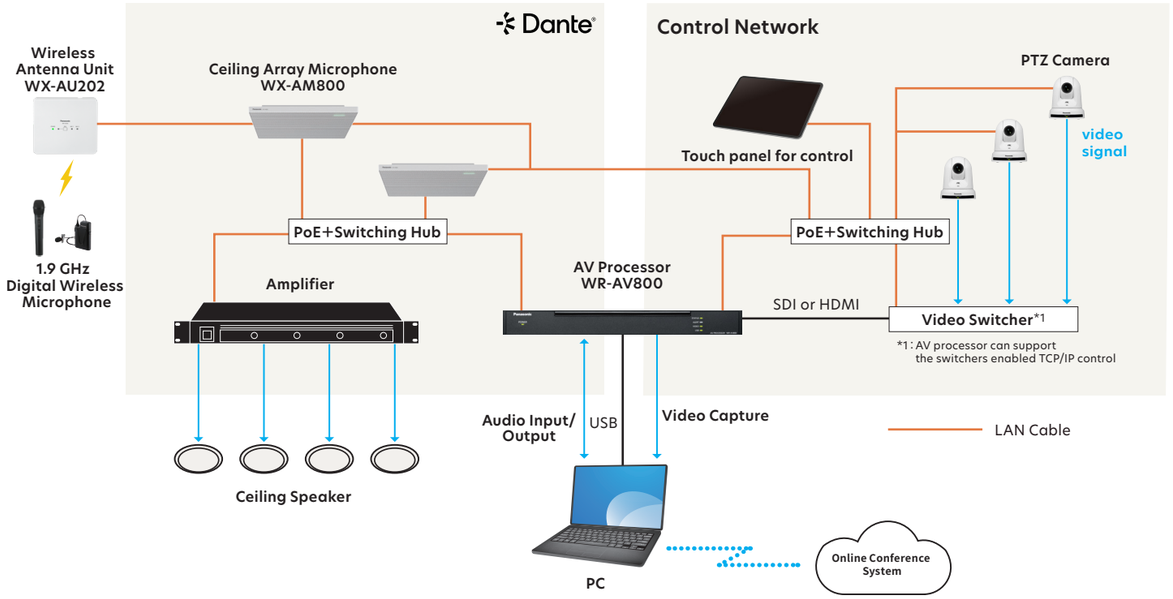
Example of System Configuration



General

Power requirements		AC 100 ～ 120 V 50 Hz/60 Hz
Power consumption	**Max.**	20 W
Operating temperature range		0 ℃(32℉) to +35 ℃ (95℉)
Frequency response		20 Hz ～ 20 kHz
Bit depth		AD/DA 24 bit　32 bit / 40bit floating point operation inside digital signal processor
Sampling frequency		48 kHz
Latency		Less than 1.8 ms
Structure	**Digital audio inputs**	Dante input 16 channels　USB audio input stereo 1 channel
	Digital audio outputs	Dante output 16 channels　USB audio output stereo 1 channel
	Analog audio inputs	Line level input stereo 1 channel (Available for using as mono 2 channels)
	Video inputs	HDMI 1 channel, SDI 1 channel (Each one can use at the same time. Not available for switching during operation)
	Video outputs	USB 1 channel
Pattern memory number		32
Dimensions		Approx 420 mm (W)X 44 mm (H) X 264 mm (D) (16.54 inches X 1.73 inches X 10.39 inches) (not included protrusions like as rubber feet, knobs, and so on.)
Mass		Approx 2.6kg (5.7 lb)
Finish		Front panel: black ABS resin, Munsell N1 approximate color Top cover: Black finish, Munsell N1 approximate color

*** Trademarks and registered trademarks**
– All other trademarks identified herein are the property of their respective owners.

Important
– Safety Precaution : Carefully read the Important Information, Installation Guide and operating instructions before using this product.
– Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network.

• Masses and dimensions are approximate.
• Specifications are subject to change without notice.

Panasonic

Panasonic Entertainment & Communication Co., Ltd.

[Countries and Regions]
U.S.A.　+1 877 803 8492

Panasonic

PRELIMINARY AS OF Februrary 2025

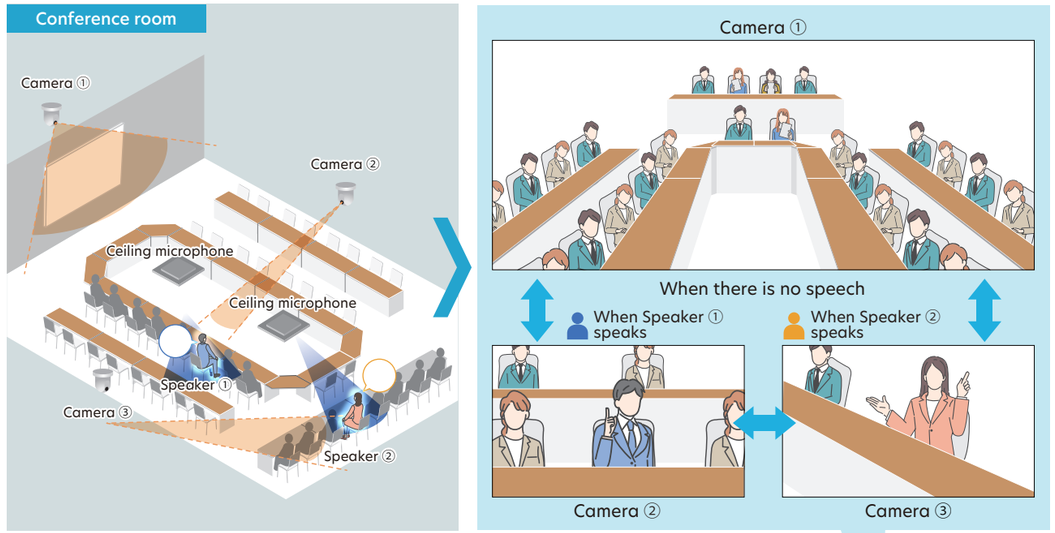
AV Processor
WR-AV800

Scheduled for release in CY 2025 second quarter（July-September）

WR-AV800

Achieving Communication for Naturally Participatory Meetings and Classes

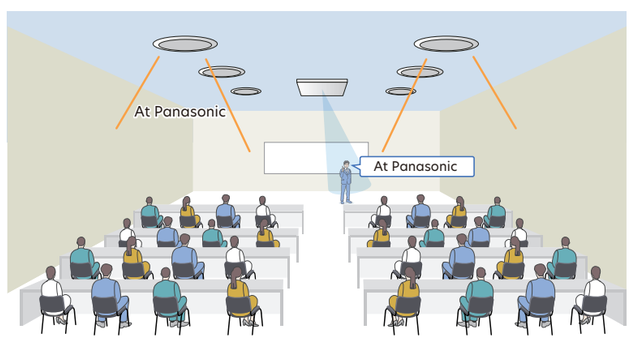
Integrates multiple microphones and PTZ cameras for compatibility with larger spaces



Up to four ceiling microphones and eight PTZ cameras can be integrated via a single AV processor, enabling automatic switching between cameras to focus on the person speaking. Even in a larger room, the person speaking can be captured from multiple angles, thereby providing spatial realism even online.
It is also possible to integrate as many as 48 1.9 GHz wireless mics. * Utilizing the AV processor dispenses with the need for control by external devices or software, delivering camera integration without the use of a PC.

* When using Conference mode with the Panasonic 1.9 GHz Digital Wireless Microphone System

Achieves voicelift with our unique volume tuning and feedback prevention functions

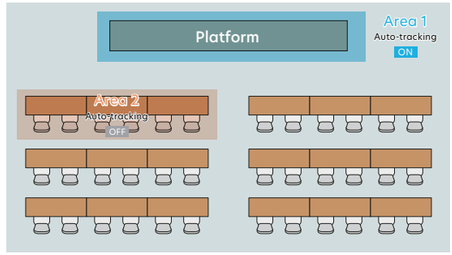


By being sufficiently amplified, the voice becomes clearly audible.

With voicelift, the voice of the person speaking is captured by ceiling microphones and outputted via multiple speakers. This mechanism allows them to be heard by every participant, no matter where they are in the room.
Frequency shift, Pre-setting feedback suppressor (P-NOTCH)、dynamic feedback suppressor (D-NOTCH) functions prevent the occurrence of feedback, and voicelift can be achieved with easy speaker volume settings appropriate to the locations of people speaking within the space.

PTZ camera integration in multiple modes always follows the person speaking

Auto tracking function

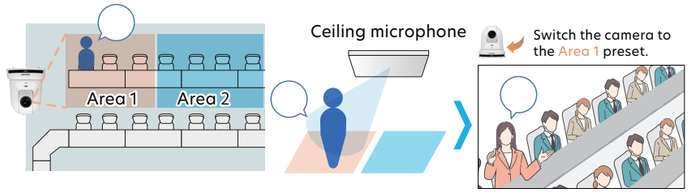


The camera tracks a person moving with wireless microphone.

Does not track even if a person passes by.

The auto tracking function can be set for each camera area using Panasonic's PTZ cameras with built-in auto tracking.Additionally, it is possible to enable or disable the auto-tracking function for each camera area.Built-in Auto tracking is is recommended for when capturing one moving person.

Preset mode



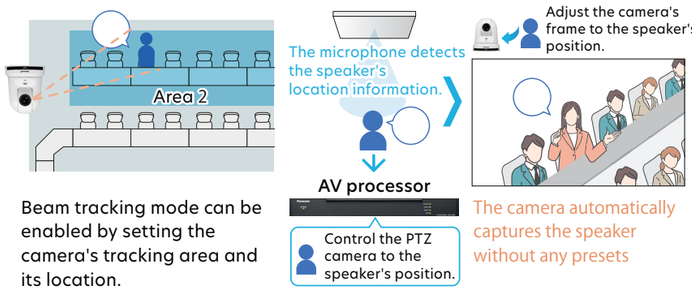
Can be used by setting up the range of areas and presets for those areas

Microphone detects speech within Area 1.

The speaker is captured in fixed frame, according to the preset, corresponding to the area.

By setting camera presets in advance and integrating presets for each camera area, ceiling microphones detect speech and there is automatic switching between cameras to focus on the person speaking. This is recommended for when the room's layout is usually fixed.

Beam tracking mode



Beam tracking mode can be enabled by setting the camera's tracking area and its location.

The camera automatically captures the speaker without any presets

Ceiling microphones detect the location of the person speaking and PTZ cameras are controlled by the AV processor to enable automatic switching to the camera focused on that person. The AV processor calculates and controls the direction of the camera.There is no need to set presets in advance, so this is recommended for rooms that often changes the layout.

Centralized, software-based support for everything from setting to operating and managing each device

Our Microphone System Configuration Center (MicCC) software enables you to make various settings and assess the status of wireless and ceiling microphone systems, AV processors, and PTZ cameras. Multiple systems can be managed with this software alone, allowing you to efficiently undertake settings and operational and management work.