

## WX-AM800 | BEAMFORMING CEILING MICROPHONE ARRAY

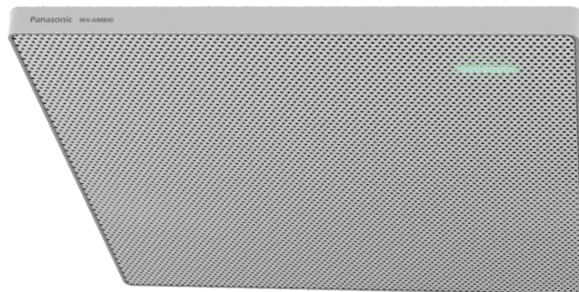
- Beamforming Ceiling Microphone Array
- Adjustable beam width (3 settings)
- Automatically adjusts its sensitivity based on the location of the speaker
- Dante Digital Audio Connectivity with support for AES67
- Built-in Voice Tracking (Panasonic PTZ camera required)
- Flexible mounting options:
  - 2x2' patent pending In-ceiling (bracket included)
  - On-ceiling, floating (bracket included)
  - On-ceiling, flush (bracket included)
  - Compatible with VESA mounts or hooks for suspension cables
- Add 2 Panasonic DECT Wireless Microphones (sold separately) to the system with the WX-AU202 Antenna/Receiver (sold separately)
- UL2043 Plenum Rated

Panasonic Connect's Beamforming Ceiling Microphone Array boasts a number of unique, customer-driven innovations to provide for ease of installation and use in meeting rooms, classrooms, or other spaces. Designed to cover a Max 30' x 30' area with 4 adjustable zones and with the support of up to 4 exclusion areas, the WX-AM800 beamforming ceiling mic array automatically adjusts its sensitivity based on the location of the speaker and features built-in integration with 1 Panasonic PTZ camera for voice tracking (no control system required). The WX-AM800 features Dante® digital audio connectivity with support for AES67 and a separate LAN connection for 3rd party control. The ceiling mic can be mounted in 5 different ways. Mounted in the ceiling with our patent pending ceiling bracket for a 2x2' drop in installation (bracket included), mounted on the ceiling in a floating fashion (bracket included), mounted flush to the ceiling (bracket included), is compatible with a VESA mount (For pole-mounting, pole not included) and has hooks for suspension cables (cables not included). The most unique feature includes the ability to add up to 2 Panasonic DECT Wireless microphones to the system without having to use rack space, thanks to the WX-AU202 Antenna/Receiver, which mounts on a wall or ceiling and connects back to the ceiling microphone using 1 CAT5e cable (up to 195 ft run) – audio from the two DECT wireless microphone channels, along with the audio from the ceiling mic are transmitted back to the Dante network over a single CAT5e cable. Panasonic's Microphone System Configuration Center Software, compatible with Microsoft® Windows 10 & 11, allows the user to set the room size, place the ceiling microphones and configure a whole host of audio DSP settings such as Acoustic Echo Cancellation, Audio Input Ducking, Equalization, Digital Noise Reduction, Panasonic PTZ Camera integration, adjust the range of the Panasonic antennas and more!

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### WX-AM800 SPECIFICATIONS

Directivity	Beam Pattern
Microphone Element	64 x MEMs
Frequency Response	100Hz to 16kHz
Sampling Rate	48 kHz
Maximum SPL	105 dB (relative to 0 dBFS overload)
Signal to Noise Ratio	60dBA
Dynamic Range	93dB
Latency	<= 30 ms
Operating Ambient Temp.	32° F to 104° F (0° C to 40°C)
LED Indicators	Mute, Power ON
Connections	1 x RJ45 (Dante + PoE+) 1 x RJ45 (LAN) 1 x RJ45 (WX-AU202 Antenna/Receiver)
Power Required	PoE+ (IEEE802.3at)
Power Consumption	18W
Warranty (Parts & Labor)	3 years
Dimensions (Max Diameter x L)	15-3/4 x 15-3/4 x 1-5/8 inches (400mm x 400mm x 42mm)
Weight (including battery)	Approx. 2.4 kg (5.3 lb) (Main unit only, brackets, etc. not included)
Accessories Included	Mounting brackets and all necessary hardware



### WX-AM800 INSTALLATION

