

MXWAPT4, MXWAPT8 Access Point Transceivers

Overview

The MXWAPT is a 4- or 8-channel wireless access point compatible with Microflex™ Wireless microphone systems. It uses automated frequency coordination to assign clean frequencies to wireless microphones and manages two-way wireless transmission of encrypted audio and control signals. Power to the unit (via PoE) and Dante digital networked audio are both supplied over a single Ethernet cable to simplify installation, and the supplied mounting plate and paintable cover allow discreet placement in boardrooms and conference rooms where low visibility is preferred.

Features

- Slim profile: Lightweight, discreet unit with paintable cover to match interior room colors and blend into AV environments
- Easy installation: Includes wall/ceiling mounting plate and connects to the system over single Ethernet cable (PoE compatible)
- Plenum rated: Meets rigorous fire safety test standards for installation above drop ceiling tiles
- Scalable configurations: Available in 4 or 8 channel models to fit varying channel count requirements, and multiple units can be combined support configurations of up to 40 compatible channels (80 in Europe and select countries)
- Bi-directional wireless: Provides return channel audio to wireless transmitters and enables real time remote control of all wireless microphone settings
- Automated frequency coordination: Automatically scans available spectrum, coordinates clean frequency assignments, and moves channels away from unexpected interference
- Dante™ digital networked audio: Transports low latency digital audio received from wireless microphones over Cat5e cable to any other Dante-equipped device
- Encrypted wireless: AES 256-bit encryption for secure transmission
- Selectable output power: Optimize spectrum usage by selecting the appropriate wireless output power for the desired operating range
- Diagnostic LEDs: Provide easy visual reference to system activity and indicate power, wireless connection, and network audio status



MXWAPT
Access Point Transceiver

Specifications (subject to change)

Network Interface	RJ45: Gigabit Ethernet, Dante digital audio
Plenum Rating	UL 2043
Power Requirement	Power over Ethernet (PoE) Class 0, 6.5W
Antenna Type	Internal, Spacial Diversity, Circular Polarization
Housing	Molded Plastic, Cast Zinc
Dimensions	24 mm x 170 mm x 170 mm (1.35 in. x 6.7 in. x 6.7 in.), H x W x D Without mounting plate or cover
Weight	APT8 856 g (1.9 lbs) APT4 845 g (1.9 lbs) Paintable Cover 85 g (0.2 lbs) Mounting Bracket 68 g (0.15 lbs)

Available Models

MXWAPT8	8-Channel Access Point Transceiver
MXWAPT4	4-Channel Access Point Transceiver