

MXCWAPT-W

Wireless access point receiver/transceiver for MXCW Conference System

- The MXCWAPT-W access point manages audio routing, frequency coordination and system control for up to 125 MXCW640 wireless conference units.
- Thanks to its real-time frequency scanner, it automatically selects the best channel in the 2.4 GHz and 5 GHz frequency bands (including the spectrum subject to DFS) and switches the channels to avoid any potential interference.
- The access point has both Dante™ and analog audio inputs and outputs, and uses a single Ethernet connection for power, audio, and control.
- Bidirectional HF link allowing audio channels to be transported in both directions and ensuring real-time control of all parameters.
- AES-128 encryption to ensure the confidentiality of meetings.
- Dante™ digital network with 10 inputs and 10 outputs.
- Analog audio input and output on XLR.
- Built-in matrix for managing Dante™ and analog inputs/outputs; Management of groups of MXCW640 stations.
- High-cut, low-cut and AGC filters available on each input.



Model		MXCWAPT-W	
ANALOG AUDIO INPUT		POWER	
Maximum Input Level	24,9dBV Line - 0dB Gain	Type	PoE (Power over Ethernet), Class 0
	10,3dBV Aux - 0dB Gain	Power consumption	12,95W (max), 6,5W (typical)
Frequency Response	22Hz to 20kHz	USER INTERFACE	
THD	0,03% typical Line - 0dB Gain	Display Type	Monochrome FFSTN LCD
Dynamic range	115dBA / 112dBA Line/Aux - 0dB Gain	Display Size	46,7 x 18,8mm
Connector	XLR-3-pin female	Display Resolution	152 x 78 (78ppi)
ANALOG AUDIO OUTPUT		LED Status Indication	Power, Network Audio, RF
Maximum Output Level	4,3dBV (Dante & analog Gain 0dB)	Reset	Pushbutton for Network/Factory Reset
Frequency Response	1Hz to 20kHz	MECHANICAL	
THD	0,01% typical	Dimensions (WxHxD)	242,5 x 47,8 x 241,8mm
Dynamic range	100dBA (Dante & analog Gain 0dB)	Weight	1,15kg
Load Impedance	> 600Ω	Material	Molded Plastic, Die-casted Aluminum
Connector	XLR-3-pin male	Mounting Type	Wall or ceiling bracket
RF			
WLAN Standard	IEEE 802.11a,g		
RF Frequency Bands	2,4GHz ISM - 5 GHz U-NII 1, U-NII 2 D.F.S & U-NII 2 Extended D.F.S.		
Output Power	1 mW (Low), 5 mW (Medium), 13 mW (High), 25 mW (Max)		
Antenna Type	Internal Bi-level Dual-Band PIFA		
NETWORK			
Interface	Ethernet Gigabit - Dante digital audio		
Link Speed	10 / 100 / 1000Mbps		
Addressing Capability	DHCP or Manual IP address		
Cable type	Cat5e or upper		
Connector	1x RJ45		
LED	Status (Green) / Link Speed (Amber)		

