IP PA · AUDIO GATEWAY

MX-GW30RTL

Network Audio Gateway

Turns any analog amplifier or speaker into an IP PA endpoint, with a built-in 2×15W amp.

SIP | Multicast | Cloud | PoE 802.3at | IP55



2 × 15 W Speaker out

2× RCA Analog out

Cloud or local LAN

PoE+ or 12V DC

Analog→IP Gateway

ARM+DSP Dual-core

DESCRIPTION

The MX-GW30RTL is a network audio gateway driven by an industrial-grade, high-speed dual-core (ARM + DSP) processor. Its main job is to bring existing analog audio systems onto IP: network audio arrives over the RJ45 port and leaves through two RCA outputs to any analog amplifier, so legacy 100V or 4–8 Ω speakers join the IP PA system. It also works as an IP amplifier in its own right, with a built-in 2×15W Class D stage. The gateway can be managed with Paging Manager or audio broadcasting software, runs standalone over multicast without a server, and with ICT Cloud is easy to operate remotely.

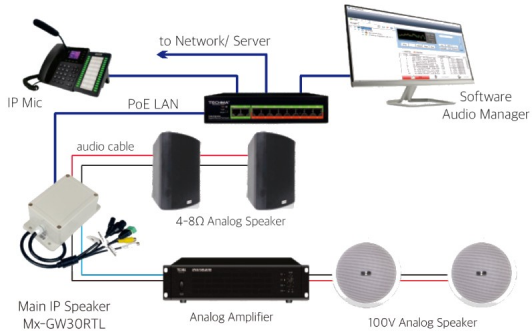
FEATURE

- 100BASE-TX network, RJ45
- Cloud / local network operation
- TCP/IP, Multicast, SIP, RTP, IGMP
- G.711a/u, G.722, G.729 · MP3 / WAV / WMA
- RJ45 digital audio input
- 2× RCA analog audio output
- 2×15W speaker output, 30W Class D amp
- 12V DC or PoE+ 802.3at
- Standalone, no server required

SPECIFICATION

MODEL	MX-GW30RTL		
Rated Output	2 × 15 W	**Amplifier**	Built-in 30W Class D
Network	100BASE-TX, MDI/MDI-X, RJ45	**Protocol**	TCP/IP, UDP, Multicast, SIP, RTP, ARP, ICMP, IGMP
Audio Codec	G.711a, G.711u, G.722, G.729	**Audio Decoding**	MP3, WMA, WAV
Digital Input	RJ45 network audio	**Analog Output**	2× RCA to analog amplifier
Freq. Response	300 Hz – 20 kHz	**Power Source**	12V DC / PoE+ 802.3at
Broadcasting	SIP, multicast, software	**Alarm Audio**	MP3 alarm & schedule via software
Protection	Indoor use, IP55	**Operating Temp.**	-30°C to +50°C
Installation	Wall mount	**Finish**	ABS, white
Dimension	120 × 95 × 80 mm	**Weight**	850 g

INSTALLATION



APPLICATION

- SMB & offices
- Schools & campuses
- Hospitals
- Hotels
- Mosques & worship
- Factories & warehouses
- Public areas
- Legacy PA upgrade

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