IP PA · MIXER AMPLIFIER

MX-PA80RTL

80W Digital IP Power Amplifier

All-in-one SIP mixer amplifier with MP3, FM and Bluetooth for music and paging.

SIP | Multicast | 70V / 100V | BT · FM · MP3



80 W — Class D amplifier

SIP · IP — 10/100 RJ45

70/100V — or 4–16 Ω

Bluetooth — FM · USB · TF

Bass · Treble — Echo control

DESCRIPTION

The MX-PA80RTL is an all-in-one digital IP mixer amplifier for background music, foreground music and paging. It joins an IP PA system over SIP while also working as a stand-alone amplifier, combining an MP3 player, Bluetooth receiver, FM tuner, TF card slot, recording, echo, paging and an 80W Class D power stage in one unit. Set-up is simple, daily operation is easy, and more loudspeakers can be added as the system grows. It suits retail stores, restaurants and bars, hospitality venues, meeting rooms, schools and auxiliary zones.

FEATURE

- 10/100 Mbps network, RJ45
- TCP/IP, SIP, UDP, IGMP
- G.711a/u, G.722, G.729 · 8–512 kbps
- 80W Class D amplifier
- USB MP3 player, FM tuner, Bluetooth
- 70V / 100V and 4–16 Ω outputs
- 1 mic in, 1 line in, 1 line out
- Echo, bass and treble controls

SPECIFICATION

MODEL	MX-PA80RTL		
Rated Output	Max 80 W, RMS 40 W	**Speaker Output**	100V / 70V (USA) / 4 Ω
Network	10/100 Mbps, RJ45	**Protocol**	TCP/IP, SIP, UDP, IGMP, Multicast
Audio Codec	G.711a/u, G.722, G.729	**Audio Bit Rate**	8 – 512 kbps
Freq. Response	20 kHz (+1 / −3 dB) at 4 Ω	**SNR**	> 89 dB (A-weighted)
Distortion	< 1% (1/3 rated power, 1 kHz)	**Mute Function**	Mic priority over other inputs
Mic Input	30 mV, 600 Ω, balanced	**Aux Input**	+6 dBu, 10 kΩ, unbalanced
Tone Control	Bass 100 Hz ±10 dB Treble 12 kHz ±10 dB	**Power Supply**	220–240V AC, 50/60 Hz
Consumption	< 50 W	**Cooling**	Convection
Operating Temp.	-10°C to +40°C	**Net / Gross Weight**	1.8 kg / 2.2 kg
Dimension	280 × 62 × 185 mm (W×H×D)	**Package**	345 × 110 × 250 mm (W×H×D)

APPLICATION

- Retail stores
- Restaurants & bars
- Hotels & hospitality
- Meeting rooms
- Schools
- Paging zones

FRONT PANEL CONTROLS

Power switch | Input select | Music vol. | Mic vol. | Bass | Treble | Echo | Record | Cycle | Prev | Play / Pause | Next

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