

SERENIX PROFESSIONAL AUDIO

SR-IPPAA-8ZPM

Eight-zone IP audio adapter with decoder — splits one 100 V amplifier into eight zones.

The head-end adapter of the IP network PA system. A built-in decoder converts network audio into analogue to feed a conventional amplifier, while an eight-zone speaker selector splits one 100 V amplifier across eight loudspeaker zones. Host and spare amplifiers are both supported, and up to 300 adapters can run simultaneously over an existing LAN, WAN or internet connection.

8	300	100 ms	5 W	1U
ZONES	ADAPTERS ONLINE	DATA DELAY	CONSUMPTION	RACK HEIGHT



FEATURES

- 01

Decoder plus zone selector

Network audio is decoded to analogue and distributed across eight 100 V loudspeaker zones.
- 02

Host and spare amplifier

Connect a main and a standby amplifier for resilient distribution.
- 03

Existing networks

No dedicated network required — the system runs over the LAN, WAN or internet already in place.
- 04

Zone status monitoring

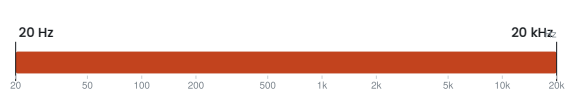
Eight zone contact outputs report status to third-party systems.

SPECIFICATIONS

Description	IP network 8-zone audio adapter
Power supply	AC 230 V or 110 V
Power consumption	5 W
Network protocol	TCP, UDP, ARP, ICMP, IGMP
Network speed	10 / 100 Mbps
Audio format	MP2, MP3, PCM, ADPCM
Audio sampling	8 kHz–44.1 kHz, 16-bit, 8 k–320 kbps
S / N ratio	≥90 dB
Frequency response	20 Hz–20 kHz
Data delay	100 ms
Connectors	Aux in and out; contact in and out; RJ45; 100 V power input; 8 zone 100 V speaker outputs
Dimensions	483 × 430 × 45 mm
Weight	3.2 kg

Network data delay is quoted as both 100 ms and under 20 ms in the source. All figures are nominal, per manufacturer data.

FREQUENCY RANGE



Bandwidth per published specification; not a measured response curve.

HIGHLIGHTS

- One 100 V amplifier split across eight zones
- Host and spare amplifier connection
- 300 adapters online simultaneously
- Eight zone contact outputs for status monitoring

APPLICATIONS

- Multi-room systems
- Hotels
- Campuses
- Offices
- Transport hubs