

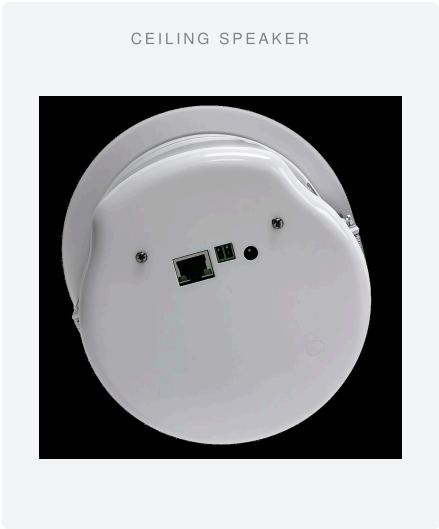
SERENIX PROFESSIONAL AUDIO

SR-IPPAA-CS6

6" PoE ceiling speaker — amplifier, decoder and driver on one network cable.

A Power-over-Ethernet ceiling speaker with a 6-watt Class-D amplifier module built in. A single CAT5 or CAT6 cable carries control, audio and power, so no AC or DC supply is needed at the speaker and layout costs fall. As a VoIP mass notification endpoint it supports network-controlled volume, scheduled broadcast, priority-based multicast streaming, zone grouping and status supervision.

6 W	802.3af/at	92 dB	166 mm	DHCP
RMS OUTPUT	POE	SENSITIVITY	CUT-OUT	AUTO ADDRESS



FEATURES

- 01

One cable does everything

Control data, audio and power all travel over a single CAT5 or CAT6 run.
- 02

Works on existing networks

Compatible with universal PoE switches and existing LAN, WAN and fibre infrastructure.
- 03

Zones and priorities

Speakers group into zones, with paging prioritisation over background music and simultaneous separate streams.
- 04

Third-party triggers

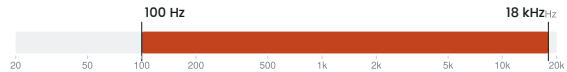
Contact input and output allow interaction with fire panels and other systems.

SPECIFICATIONS

Description	IP-based PoE ceiling speaker
Power output	6 W RMS (1 kHz @ -3 dB)
Built-in amplifier	6 W Class D
Network interface	10 / 100 Mbps
Protocol	ARP, TCP/IP, UDP, ICMP and IGMP (group broadcast)
Audio format	MP3 / MP2
Sampling rate / bit rate	8 k–48 k / 8 k–512 kbps
Sensitivity	92 dB / 1 W / 1 m
S / N ratio	≥85 dB
THD	≤0.1 %
Frequency response	100 Hz–18 kHz (±3 dB)
Connector	RJ45; DC input; contact in and contact out
Power input	PoE 802.3af or 802.3at, and DC 12 V
Operating temperature	-30°C to +55°C
Dimensions	Ø199 × 95 mm deep
Cut-out size	166 mm
Weight	0.9 kg

All figures are nominal, per manufacturer data.

FREQUENCY RANGE



Bandwidth per published specification; not a measured response curve.

HIGHLIGHTS

- Scheduled program broadcast and multicast streaming
- Network-adjustable volume per speaker
- DHCP supported — no manual addressing
- Online supervision of speaker status

APPLICATIONS

- Offices
- Hotels
- Schools
- Banks
- Factories
- Shopping malls