



Pleneo RoomDesign Ceiling



Pleneo RoomDesign Ceiling is a PoE-enabled network loudspeaker designed for modern meeting rooms. With simple installation, and support for AudioIQ, it helps deliver consistent audio performance across the entire space.

Designed as part of the Pleneo system, RoomDesign Ceiling integrates seamlessly with Pleneo device hubs for simplified deployment and remote management. The optional square ceiling tile grille also enables rapid, drop-in installation.



284 mm (11.2 in)



220 mm (8.7 in)



284 mm (11.2 in)

General

Weight: 3.5 kg (7.7 lb) for single speaker

8.6 kg (18.9 lb) for speaker pair
and mounting hardware

Dimension: 284 × 220 mm (11.2 × 8.7 in)

Operating system: -20–50 °C (–4–122 °F)

0–95% relative humidity when operating

Ceiling mount with 220 mm depth
and 254 mm cutout

Baffle: PC-ABS, UL94 V-0 rated

Enclosure: stamped steel, powder-coated

Grille: 284 mm, magnetic steel, custom
perforated, powder-coated and paintable
(includes safety tether)

CE, RoHS, REACH, IEC 62368-1, IP34,
and WEEE compliant

Accessories

2 × Magnetic grilles

2 × C-rings

4 × Tile rails and tile rail screws

Optional 600 × 600 mm ceiling tile grille

Ordering Information

Product SKU: ROOMDESIGN-C

Manufacturer code: 2200-008-0200

Connectivity



1 × RJ45, PoE (8W) or PoE+ (22W), auto-negotiation
Power scaling, over-temperature, overcurrent,
and short-circuit protection

Audio

2-way in-ceiling speaker system

Built-in PoE+ amplifier

6.5" mid-woofer with polypropylene cone
and rubber surround

1" silk dome tweeter with neodymium magnet

-10 dB frequency range: 50 Hz – 25 kHz

-3 dB frequency range: 68 Hz – 20 kHz

88 dB SPL (1 m) sensitivity

130° conical coverage

6.3 directivity factor with 8 dB index

Crossover network: 2nd-order LPF + 3rd-order
HPF with seven components and film capacitors
on FR-4 PCB

Warranty

Three year limited warranty

Details on the [Pleneo Limited Warranty page](#)

Immersive sound for intelligent rooms.

Premium sound

Consistent audio across the whole room.
Every voice heard naturally, from anywhere.

Speech clarity

Clear for meetings. Rich for presentations.
Calibrated for speech and mixed-use spaces.

Built for Room OS

Configured and managed entirely through
Room OS and Pleneo Cloud.

Single-cable simplicity

PoE-powered. Built-in amplifier.
One cable does it all.

Easy installation

Mount with the optional ceiling tile adapter.
No cutting. No rework.

Designed to disappear

White or black grille options.
Fits the ceiling. Stays out of the way.

For more information, visit the
RoomDesign Ceiling
product page



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