



MICROFLEX™

MXN5W-C NETWORKED LOUDSPEAKER

OVERVIEW

The Shure Microflex MXN5-C Networked Ceiling Loudspeaker provides high-quality speech reproduction for AV conferencing applications. With a low profile design optimized for easy installation in drop ceiling configurations, the MXN5 integrates seamlessly with other Shure networked PoE-enabled audio devices using the Dante audio networking protocol.

FEATURES

- Software-based configuration and control
- Design and deploy every device in your audio chain with Shure Designer System Configuration software
- SystemOn Audio Asset Management software for remote management and troubleshooting
- Shure Audio Encryption
- Dante Domain Manager compatible
- AES67 compatible

LOUDSPEAKER TECHNICAL ELEMENTS

- Pre-tuned frequency response optimized for voice intelligibility in AV Conferencing applications
- Low-profile, shallow-can design compatible with most drop ceiling installations
- 2-way driver system with 5.25 in (13.3 cm) woofer
- PoE/PoE+ enabled, eliminating the need for an outboard amplifier
- Integrated Shure DSP Utilities: EQ, delay, limiter, and signal/tone generator
- 2 Dante inputs and 1 Dante output

CLEAN DESIGN ELEMENTS

- Aesthetic design subtly blends into drop ceiling environments
- Removable magnetic and paintable grille seamlessly covers the entire loudspeaker
- Removable magnetic Shure logo
- UL 2043 plenum rated
- Tile bridge or New Construction Bracket accessories for quick and easy mounting

SPECIFICATIONS (subject to change) All specifications are within ± 3 dB unless otherwise noted.

LOUDSPEAKER DETAILS

Connector Type	RJ45
Power Requirements	Power over Ethernet (PoE Class 0) or PoE Plus (Class 4)
Weight	6.5 lbs (2.95 kg)
Product Dimensions	12 x 12 x 4 in. (304.8 x 304.8 x 101.6 mm) H x W x D
Control Software	Shure Designer
Plenum Rating	UL 2043 (Suitable for Air Handling Spaces)
Operating Temperature Range	-6.7°C (20°F) to 40°C (104°F)
Storage Temperature Range	-29°C (20°F) to 74°C (165°F)
Frequency Response (-3 dB)	120 Hz to 20 kHz
Digital Signal Processing	Delay, Limiter, Signal Generator, Equalizer (4-band Parametric)
Latency	1.5 ms (Not including Dante latency)

POWER CONSUMPTION

Power over Ethernet (PoE)	12 W maximum (11 W typical)
PoE Plus	24 W maximum (23 W typical)

MAXIMUM OUTPUT LEVEL

Power over Ethernet (PoE) @ 1 meter	92 dB SPL
PoE Plus @ 1 meter	98 dB SPL

COVERAGE ANGLE

-6 dB at 2 kHz	180 degrees
-6 dB at 10 kHz	107 degrees

Data subject to change without notice in interest of product improvements.

AVAILABLE PARTS & ACCESSORIES

MXN5W-C	Loudspeaker
RPMXN5-C	Cover plate and flexible conduit clamp (included)
RPMXN5-G	Magnetic grille with removable Shure logo (included)
A-MXN5-TB	Tile bridge (optional)
A-MXN5-NCB	New Construction Bracket (optional)
Soft bundle SKU MXN5W-C+TB-V	Includes MXN5W-C and A-MXN5-TB



MXN5W-C
Microflex™ Networked Loudspeaker



2-way Driver
5.25" woofer