

# 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

# $\textbf{SPECIFICATIONS} \text{ (subject to change)} \text{ All specifications are within $\pm 3$ 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)	
DoE Dive	2/ W mayimum (22 W typical)	

MAXIMUM OUTPUT LEVEL		COVERAGE ANGLE	
Power over Ethernet (PoE) @ 1 meter	92 dB SPL	-6 dB at 2 kHz	180 degrees
PoE Plus @ 1 meter	98 dB SPL	-6 dB at 10 kHz	107 degrees
Data subject to change without notice in inter	rest 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