

MXW6 BOUNDARY TRANSMITTER

OVERVIEW

The Shure MXW6 is a boundary microphone transmitter compatible with Microflex® Wireless Systems. With a low-profile design and cardioid or omnidirectional polar pattern options, the MXW6 allows flexible placement with excellent audio capture on any surface in front of one or multiple speakers. All Microflex Wireless transmitters deliver pristine audio quality, intelligent wireless performance, encrypted transmission, and advanced rechargeability for conferencing and presentation applications.

FEATURES

- Coverage options: Available in cardioid or omnidirectional polar patterns
- Color options: available in black or white
- Wide frequency response: Full range audio for clear voice transmission
- Microflex capsules: Well known and trusted Microflex sound signature
- Bi-directional wireless: Enables return channel audio and real time remote control of all wireless microphone settings
- Earphone output: Listen to audio from a return channel for translation, cueing, or program material
- Concealed power switch: Prevents accidental powering off
- Programmable mute button: Customize local or remote muting behavior per application, with options including push-to-talk, push-to-mute, and external control
- Encrypted wireless: AES 256-bit encryption for secure transmission
- Wide working range: Reliable wireless coverage extends up to 160 feet (50 meters)
- Out of range alert: Emits beeping sound when range limit is exceeded
- Easy wireless linking: Assign the microphone to an Access Point channel by simply docking it in a Networked Charging Station and pressing "link"
- Advanced Li-ion batteries: Smart lithium-ion internal batteries provide up to 9 hours of continuous use, charge to full in 2 hours, and enable remote monitoring over the network of remaining runtime and charge status in hours and minutes
- Standby mode: Enabled remotely during periods of inactivity to significantly extend battery life when not in use
- Low-battery LED: Visually alerts when there is 30 minutes of charge remaining
- USB charging: Connects to any standard USB power source for "always on" usage

SPECIFICATIONS (SUBJECT TO CHANGE)

Gain Adjustment Range	-25 to +15 dB (in 1 dB steps)
Maximum Input Level (Mic gain @ -16 dB)	-9 dBV
Headphone Output	3.5 mm (1/8"), dual mono (will drive stereo phones)
Maximum Headphone Output Power (1kHz @ 1% distortion, peak power, @16Ω)	17.5 mW
Antenna Type	Internal, Spacial Diversity, Linear Polarization
Battery Type	Rechargeable Li-Ion
Battery Life	Up to 9 hours Calculated with a new battery. Runtimes vary depending on battery health
Charge Connector	USB 3.0 Type A
Housing	Molded Plastic
Recommended Storage Temperature Range	0 °C (32 °F) to 25 °C (77 °F)
Microphone Capsule	MXW6/O, MXW6W/O: R183B MXW6/C, MXW6W/C: R185B
Dimensions	23 mm × 44 mm × 114 mm (0.9 in. × 1.75 in. × 4.5 in.) H × W × D
Weight	108 g (3.8 oz.) with batteries

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

AVAILABLE MODELS

MXW6/O	Wireless Boundary Transmitter, Omnidirectional
MXW6/C	Wireless Boundary Transmitter, Cardioid
MXW6W/O	Wireless Boundary Transmitter, White, Omnidirectional
MXW6W/C	Wireless Boundary Transmitter, White, Cardioid

OPTIONAL ACCESSORIES

SBC-USB	USB Plug-in Charger
SB901A	Replacement Battery for MXW1, MXW6, and MXW8 Transmitters



MXW6
Boundary Transmitter

MXW6W
Boundary Transmitter