

MXW2 HANDHELD TRANSMITTER

OVERVIEW

The MXW2 is a handheld transmitter compatible with Microflex® Wireless Systems. With lightweight but durable construction and integrated diversity antennas, the MXW2 delivers vivid lifelike sound, intelligent wireless performance, encrypted transmission, and advanced rechargeability for presentation and conferencing applications. Available with trusted Shure microphone cartridges, including the legendary SM58®.

FEATURES

- Interchangeable microphone cartridges: Available with the SM58®, SM86, Beta® 58A and VP68 signature Shure microphones
- Dual transmit antennas: Maximizes transmission strength depending on hand placement
- Bi-directional wireless: Enables real time remote control of all wireless microphone settings
- Programmable mute button: Customize local or remote muting behavior per application, with options including push-to-talk, push-to-mute, and external control.
- Standby mode: Enabled remotely during breaks or periods of inactivity to significantly extend battery life when not in use.
- Wide working range: Reliable wireless coverage extends up to 160 feet (50 meters)
- Range warning alert: Emits beeping sound when range limit is exceeded
- Easy transmitter linking: Assign the microphone to an Access Point channel by simply docking it into a Networked Charging Station and pressing "link"
- Encrypted wireless: AES 256-bit encryption for secure transmission.
- Advanced Li-ion batteries: Smart lithium-ion internal batteries provide up to 15 hours of continuous use, charge to full in 3 hours, and enable remote monitoring over the network of remaining runtime and charge status in hours and minutes
- USB charging: Connects to any standard USB power source for "always on" usage.



MXW2
Handheld Transmitter

SPECIFICATIONS (SUBJECT TO CHANGE)

Gain Adjustment Range	-25 to +15 dB (in 1 dB steps)
Maximum Input Level (Mic gain @ -16 dB)	-9 dBV
Antenna Type	Internal, Spacial Diversity, Linear Polarization
Battery Type	Rechargeable Li-Ion
Battery Life	Up to 15 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	SM58®, SM86, Beta® 58A, VP68
Configuration	Unbalanced
Input Impedance (@ 1 kHz)	>20 kΩ
Dimensions	226 mm × 51 mm (8.9 in. × 2.0 in.) L × Dia. including SM58 microphone capsule
Weight	323 g (11.4 oz.) with batteries, including SM58 microphone capsule

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

AVAILABLE MODELS

MXW2/SM58	Wireless Handheld Transmitter with SM58® Microphone
MXW2/SM86	Wireless Handheld Transmitter with SM86 Microphone
MXW2/BETA58	Wireless Handheld Transmitter with Beta® 58A Microphone
MXW2/VP868	Wireless Handheld Transmitter with VP68 Microphone

OPTIONAL ACCESSORIES

RPW112	Cartridge, Housing Assembly and Matte Grille for Wireless SM58®
RPW114	Cartridge, Housing Assembly and Matte Grille for Wireless SM86
RPW118	Cartridge, Housing Assembly and Matte Grille for Wireless Beta® 58A
RPW124/VP68	Cartridge, Housing Assembly and Matte Grille for Wireless VP68
SBC-USB	USB Plug-in Charger
SB902	Replacement Battery for MXW2 Transmitter