

MXW1 Bodypack Transmitter

Overview

The MXW1 is a hybrid bodypack transmitter compatible with Microflex™ Wireless systems. It offers both an integrated omnidirectional microphone and an input jack for connecting an ear-worn or lavalier style microphone. The integrated microphone is perfect for picking up speech while the bodypack is on a lanyard or tucked into a shirt pocket, and a belt clip is included for attachment to clothing.

Features

- Compact, low-profile design: Fits comfortably into a shirt pocket or attached to clothing
- Integrated omnidirectional mic: Clearly captures full range audio without connecting an external microphone
- External microphone input: For connecting multiple styles of ear-worn or lavalier condenser microphones
- 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
- 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)
- Out of range alert: Emits beeping sound when range limit is exceeded
- Wide frequency response: Captures full range audio for clear voice transmission
- 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 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
- 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 <small>(Mic gain @ -16 dB)</small>	-9 dBV
Headphone Output	3.5 mm (1/8"), dual mono (will drive stereo phones)
Maximum Headphone Output Power <small>(1kHz @ 1% distortion, peak power, @16Ω)</small>	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 Connector	4-Pin male mini connector (TA4M), See drawing for details
Input Impedance <small>(@ 1 kHz)</small>	>20 kΩ
Internal Microphone	Omnidirectional (20 Hz– 20 kHz)
Dimensions	22 mm x 45 mm x 99 mm (0.9 in. x 1.8 in. x 3.9 in.) H x W x D
Weight	85 g (3.0 oz.) with batteries, without microphone

Available Models

MXW1/O	MXW bodypack transmitter (without lavalier microphone)
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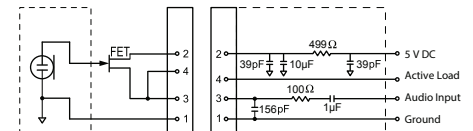
Optional Accessories

SBC-USB	USB Plug-in Charger
SB901	Replacement Battery for MXW1, MXW6, and MXW8 Transmitters
See table on right	Lavalier microphone



MXW1
Bodypack Transmitter

TA4M Connector



Top view of bodypack



Lavalier Options

MX150B/O-TQG	Microflex 5mm Subminiature Lavalier, Omnidirectional, Black
MX150B/C-TQG	Microflex 5mm Subminiature Lavalier, Cardioid, Black
MX153B/O-TQG	Microflex Omnidirectional Subminiature Earset, Black
MX153T/O-TQG	Microflex Omnidirectional Subminiature Earset, Tan
MX153C/O-TQG	Microflex Omnidirectional Subminiature Earset, Cocoa
WL183	Microflex 1cm Omnidirectional Lavalier, Black
WL184	Microflex 1cm Supercardioid Lavalier, Black
WL185	Microflex 1cm Cardioid Lavalier, Black
WL93	Omnidirectional Condenser Miniature Lavalier, Black
WCB6B	Countryman, 3mm Subminiature Omnidirectional Lavalier, Black
WCE6B	Countryman, Omnidirectional Rigid Earset Microphone, Black
WCE6T	Countryman, Omnidirectional Rigid Earset Microphone, Tan

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