

EZ.Mi1

SINGLE CHANNEL TRUE DIVERSITY
WIRELESS MICROPHONE SYSTEM



EZ.Mi1 is a cost-effective Single-channel UHF wireless microphone system. The main feature is that the transmitter uses a simple and bright LCD display to display the current channel and battery power, and the receiver also uses a high-brightness LED display to display the corresponding product information. Infrared automatic frequency pairing and lock the selected frequency. The receiver adopts a standard 1/2U all-metal chassis design, it supports volume adjustment, channel adjustment, and other functions. The effective working distance is about 60-80 meters. Applicable to commercial performance, schools, government and enterprise projects, personal and family entertainment applications.

Key Features



UHF Transmission Band

- The UHF band provides a wider spectrum selection, reduces interference and ensures stable signal transmission.



DSP Digital Audio Companding

- DSP digital audio companding adopts 48KHz audio sampling rate to minimize the noise in the wireless transmission system.



IR Infrare sync

- Through infrared synchronization, users can complete channel matching of devices in a short time.



True diversity reception technology

- It adopts true diversity receiving technology, which greatly improves the stability of the signal and ensures clear and stable audio transmission.



Multiple Operating Frequency

- Flexible frequency selection allows multiple sets of wireless microphones to work stably in the same environment without interfering with each other.



Widely Applicable

- It is widely used in commercial performance, schools, government enterprise projects, personal and family entertainment applications.

Product Specification



EZ.Mi1

Single Channel Wireless
Receiver

Main Frame Size:	1U Half-Rack
RF Carrier Frequency Range:	470MHz-960MHz
Frequency Stability:	0.005%
Effective Working Distance :	≥60m(ideal environment)
Audio Companding:	DSP digital audio companding
Audio Sampling Rate:	48KHz
Audio Frequency Response:	50Hz - 18000Hz ± 3dB;
Dynamic Range:	92 dB
Signal to Noise Ratio (A-weighted):	105 dB
Total Harmonic Distortion:	≤ 0.8%, @ 1KHz
Operating Temperature Range:	- 10°C ~ +50°C
Receiving Mode:	Single channel, superheterodyne true diversity receiving
Image Rejection:	45dBm
RF Sensitivity:	S/N ≥45dB when 10dBu is input
Silence Adjustment:	Built-in setting parameters
Frequency Synchronization Mode:	Infrared SYNC
Maximum Output Level: LINE:	0.5Vpp
Output Level Adjustment Range:	6-level adjustable, attenuating adjustment, step by step every 3dB
Power Supply Mode:	DC 12V/1A
Normal Working Current:	DC 12V: 250mA
Dimensions (mm):	205(L) × 209(D) ×43(H)
Weight (without battery):	about 990g



EZ-H8

Wireless Handheld
Microphone

- The pipe body of EZ-H8 is made of high-strength plastic, which is not only light and saves energy, but also eliminates rust and other issues, greatly improving its service life.

RF Carrier Frequency Range:	470MHz-960MHz
Oscillation Mode:	PLL frequency synthesis
Transmission Power:	13.5dBm
Carrier Error:	0.005%
Harmonic Radiation:	- 32dBm
Modulation Mode:	FSK
Nominal/maximum Frequency Deviation:	± 65KHz
Maximum Input Level:	250mV
Frequency Setting:	Infrared synchronization
Power Supply Mode:	AA 1.5V x 2
Normal Working Current:	AA battery power supply: 120mA
Battery Life:	≥ 10 hours
Dimensions (mm):	49.5 (Φ) × 236 (L)
Weight (without battery):	about 246g



EZ-B8

Wireless Bodypack
Transmitter

- EZ-B8 is a mini bodypack made of plastic, lightweight and durable. It can use microphones with 3.5mm connector.

RF Carrier Frequency Range:	470MHz-960MHz
Oscillation Mode:	PLL frequency synthesis
Transmission Power:	13.5dBm
Carrier Error:	0.005%
Harmonic Radiation:	- 32dBm
Modulation Mode:	FSK
Nominal/maximum Frequency Deviation:	± 65KHz
Maximum Input Level:	250mV
Input Impedance:	Mic 2.2KΩ , Line 4.7 KΩ
Frequency Setting:	Infrared synchronization
Input Gain Adjustment Range:	4-level adjustable setting, every 3dB step
Power Supply Mode:	AA 1.5V x 2
Normal Working Current:	AA battery power supply: 120mA
Battery Life:	≥ 8 hours
Boundary Dimension (mm):	198 × 52.5 × 28
Weight (without battery):	About 50g