MS1

UHF SINGLE CHANNEL CAMERA MOUNT WIRELESS MICROPHONE SYSTEM



Relacart MS1 is a multifunctional, portable, rugged and durable UHF wireless microphone system, compatible with smartphones (3.5mm interface), Digital/SLR cameras, camcorders, tape recorders, tablet computers and other equipment to assist in picking up high-fidelity audio. It is suitable for various professional applications such as interviews, micro video recording or commercial performances.
The portable receiver has a one-key frequency scanning and infrared synchronization function, allowing you to easily find a clear channel for your device. This true diversity receiver uses dual antennas and receiving circuits to eliminate audio interruption and radio frequency interference, in order to further protect the audio from unnecessary interference. The transmitter supports mic input, enabling the wireless system to provide clean, accurate and pure audio. The receiver is equipped with earphone monitoring, AFS automatic frequency scanning and current application connection scan function, etc. Effective working distance can reach 50m (open and wide occasions).

Key Features

Flexibility Expansion

- Widely compatible with smart phones, digital/SLR cameras, camcorders, voice recorders, and tablets. 10 switchable frequency points to realize operation without environmental interference.
- Using OLED display, high-definition and easy to see.

Universal Property

- The volume of the receiver and transmitter can be adjusted arbitrarily to adapt to the volume level of different devices.
- With real-time earphone monitoring function.

High Fidelity

- UHF wireless transmission, providing high-fidelity audio source

Energy Conservation

- Both the receiver and transmitter are powered by two AA batteries.

Anti-Interference

- The pickup distance is up to 50m (up to 50m in an open and non-interference environment, up to 30m in an obstacle-free environment)

Product Specification



MS1-R

Wireless Bodypack Receiver

Frequency Response:	80 Hz ~ 15 kHz
Total Harmonic Distortion:	<0.9%
Pilot Frequency:	32.768.kHz
Power Requirement:	2.0 ~ 3.6.V
Operating Temperature:	0℃ ~ 55℃
Measure(exclude antenna) (H×W×D):	80×58×20(mm)
Weight(Without battery):	116g



MS1-T

Wireless Bodypack Transmitter

Reference Input Level:	-26dBV
Frequency Response:	80 Hz ~ 15 kHz
S/N:	<100dB
Pilot Frequency:	32.768.kHz
Power Requirement:	2.0 ~ 3.6.V
Operating Temperature:	0℃ ~ 55℃
Measure (exclude antenna) (H×W×D):	70×50.8×20(mm)
Weight (Without battery):	84g



MS1-P

Wireless Plug-on Transmitter



Carrier Bandwidth:	470MHz~960MHz
Oscillation Mode:	PLL frequency synthesis
Transmission Power:	13.5 dBm
Carrier Error:	0.005%
Power Supply:	AA 1.5V x2
Nominal/Maximum Frequency Deviation:	±65KHz
Frequency Setting:	Manual button setting or infrared transmission
Input Gain Adjustment Range:	4 adjustable settings, every 3dB step
Harmonic Radiation:	-32dBm
Modulation:	FSK
Max. Input Level:	250mV
Input Impedance:	2.2KΩ
Battery Life:	≥11hours
Normal Working Current:	130mA
Dimensions(H×W×D): :	110×42×42(mm)
Weight(without battery):	125g