

Key Features



The new design

System performance characteristics

- With sturdy and waterproof aluminum alloy shell, it can meet professional quality requirements. The new technology OLED display screen can display the working status of transmitter battery, radio frequency and audio at the same time.wireless connection and providing high-fidelity audio output
- Adopt SMA flexible antenna and antenna connector with adjustable angle of 1/4 wavelength.
- With "Panasonic" and "SONY" two kinds of output modules that are easy to remove and replace the fixed bracket, it is easy to install and use on different cameras.
- Equipped with ultra-quiet electronic touch switch, which can avoid the mechanical sound amplification of the switch.



DSP audio extension algorithm

· Adopt Relacart's own DSP audio expansion algorithm to minimize the noise brought by the wireless transmission process and restore the best sound. The audio output of the receiver can be set to output in multiple modes (Both Mix, Mix 1, Mix 2, Audio Split). The hand-held microphone has a simple design, is dexterous and lightweight, showing a humanized soft grip.



PLL PLL phase locked oscillation circuit

 Stable PLL phase-locked oscillator circuit, combined with the "noise detection" mute control function, can effectively block the noise and radio frequency interference in the working environment



True diversity reception

• Ultra-wideband UHF 522MHz~936MHz, true diversity reception.



[AFS] Automatic frequency search

• It has the function of [AFS] to automatically search for the cleanest and freest frequency in the actual environment.



[IR]Infrared automatic frequency adjustment

• With [IR] infrared automatic frequency matching function.



High precision circuit

• The hardware circuit of the whole system is controlled by a microcomputer, and the advanced computer technology is used to Calculate the frequencies that do not interfere with each other, so that the performance of the whole system is more stable, And it is not easy to appear frequency offset, frequency interruption and other phenomena



The long-term life

• Precise low-consumption circuit design makes the battery life twice as long as that of ordinary microphones



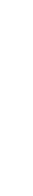
Product Specification



True Diversity Camera Wireless Receiver System

Handheld Microphone







<u> </u>	
Carrier Frequency Range:	470MHz~960MHz
Harmonic radiation:	<45dBm
Bandwidth:	Single-band 134MHz
Modulation Mode:	FM
Audio compression:	Relacart classic audio
	compression circuit
Capsule:	Dynamic or Condenser, Cardioic
RF Power Output:	10mW / 30mW
Battery:	AA x2
Current Consumption:	130mA(typical)
Battery life:	Approximately 8 hours
Dimensions(mm):	52(Φ)x255(L)
Weight (without battery):	Approximately 235g

- · Contracted design style, solid and dural metal material, high contrast OLED display.Built-in gain adjustment
- · Standard Mini XLR microphone interface, suitable for the headset mic and clip mic of a variety of well-known brand in the market. Suitable for application in speech, singing and other occasions

Carrier Frequency Range:	470MHz~960MHz
Harmonic radiation :	<45dBm
Bandwidth:	Single-band 134MHz
Modulation Mode:	FM
Audio compression:	Relacart classic audio
	compression circuit
Input Connector:	4-pin mini-XLR connector.
	Input gain 3 levels adjustable
RF Power Output:	Input gain 3 levels adjustable 10mW / 30mW
RF Power Output: Battery:	, ,
	10mW / 30mW
Battery:	10mW / 30mW AA x2
Battery: Current Consumption:	10mW / 30mW AA x2 130mA(typical)

Wireless Bodypack Transmitter