

# EU-610

## DUAL CHANNEL TRUE DIVERSITY WIRELESS MICROPHONE SYSTEM



EU-610 is a true diversity wireless receiver independently developed by Relacart; you can choose a handheld microphone, a body bag lavalier microphone or a headset microphone, and a desktop gooseneck conference microphone; it adopts true diversity FM superheterodyne receiver to ensure RF reception. The stability of the signal and the anti-interference of the receiver itself; the operating frequency range is 521.25MHz~936.85MHz according to the radio wave control laws and regulations of various countries.

### Key Features

#### AFS(Automatic Frequency Selection)

• AFS Automatic frequency selection. Press the [AFS] (Auto Frequency Selection) button 3S and the receiver will auto-scan and lock on to an open, interference-free frequency.

#### Anti-Interference

• Adopt true diversity FM super-heterodyne reception to ensure the stability of the received RF signal and the anti-interference of the receiver itself; the operating frequency range is from 521.25MHz to 936.85MHz.

#### Intelligent Design

• The handheld microphone adopts the latest auto-mute, auto drop-to-mute, auto-off function. (when the microphone is put horizontal or less than 45 degree for 5 sec, the microphone will be auto-mute. When the microphone is static for 10 mins, the microphone will be auto-off. When drop down, the microphone will be auto-mute. Intelligent electricity-saving, humanized application.  
• The receiver comes with the electronic volume adjustment, the adjustment range is -6dB to +18dB, +3dB step.  
• The receiver can display the battery level of the transmitter and can change according to the battery level of the transmitter.

#### Reliable Signal

• The BNC antenna can be connected to the coaxial antenna and the extended antenna, and provides the antenna power supply voltage.  
• It can be connected to the Relacart classic Antenna distribution system, expand the multi-device, enhance the receiving distance and improve the signal stability.

#### IR Infrared

• With [IR] infrared automatic frequency matching function, press the [SYNC] button, the transmitter can automatically and accurately lock the working frequency of the receiver.

#### Generality

• 134MHz wideband transmitter, four different frequency band receivers can be used interchangeably, which greatly facilitates KTV debugging and management.  
• Channel group mode is selected, and 50 channel groups in each frequency band provide user selection.

### Product Specification



**EU-610**  
Dual Channel Wireless Receiver

- EIA Standard Rack 1U metal rack receiver chassis.
- Bright LCD display can simultaneously display the working channel or frequency, RF & AF signal status, transmitter battery consumption as well as mute level.

Receive Bandwidth:	521.25MHz-936.85MHz
Reception Mode:	FM superheterodyne true diversity reception
RF Sensitivity:	5dBuV, S/N>60dB at 25 deviation
Squelch Adjustment:	10dB to 40dB, 5dB per step
Frequency Sync:	IR Sync
Maximum Output level:	Maximum output +11dBV
Aadjustment Range Of Audio Output Level:	-6dB to +18dB, 3dB step
Power Supply Mode:	DC12V/1A
Normal Working Current:	DV12V, 330mA
Dimensions( mm):	410(W)×43(H)×206(D)
Net Weight:	1.8Kg



**EH-56**  
Wireless Handheld Microphone

- Fashionable design, the tube is made by durable alloy, effectively protect the inner components, ergonomic grip.

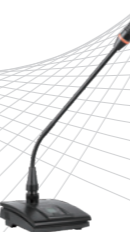
Switching Bandwidth:	521.25MHz-936.85MHz
Oscillation:	PLL synthesized
RF Output Power:	5mW/30mW
Carrier Deviation:	0.5KHz
Harmonic Radiation:	≤45dB
Modulation:	FM
Nominal/ Peak Deviation:	±45KHz
Max. Input Level:	Maximum input - 11dBv
Frequency Set-Up:	IR Sync
Power Requirements:	2X AA 1.5V batteries
Battery Life(mm):	Approximately 8 hours
Dimensions:	50(Φ)×260(L)
Weight (without battery):	About 330g



**ET-50**  
Wireless Bodypack Transmitter

- Bodypack-style wireless microphone, simple design, lightweight and practical engineering materials, durable, multi-function LCD display, built-in input selector switch, can be used to facilitate the instrument.
- The standard mini XLR microphone interface is suitable for a variety of well-known headset and clip microphones on the market. It is suitable for applications such as speech and singing.

Switching Bandwidth:	521.25MHz-936.85MHz
Oscillation:	PLL synthesized
RF Output Power:	5mW/30mW
Carrier Deviation:	0.5KHz
Harmonic Radiation:	≤45dB
Modulation:	FM
Nominal/ Peak Deviation:	±45KHz
Max. Input Level:	Maximum input - 11dBv
Frequency Set-Up:	IR Sync
Power Requirements:	2X AA 1.5V batteries
Battery Life:	Approximately 8 hours
Dimensions(mm):	95(H)×65(W)×25(D)
Weight (without battery):	About 80g



**UD-2**  
Wireless Conference Microphone

- Desktop gooseneck wireless conference microphone, simple design, durable metal material, multi-function LCD display, built-in high-pass filter and gain adjustment, silent touch switch. Suitable for various applications in government departments, institutions, etc.

Switching Bandwidth:	521.25MHz-936.85MHz
Oscillation:	PLL synthesized
RF Output Power:	10mW / 25mW
Carrier Deviation:	0.5KHz
Harmonic Radiation:	≤45dB
Modulation:	FM
Nominal/ Peak deviation:	< 45KHz
Gain Adjustment Range:	-10dB ~ +10dB
Frequency Set-Up:	IR Sync
Power Requirements:	2X AA 1.5V batteries
Battery Life:	Approximately 8 hours
Dimensions(mm):	Base : 141×115×48 Microphone tube : 430mm
Net Weight (without battery):	1.0 Kg