

# ER-6200

DUAL CHANNEL TRUE DIVERSITY  
WIRELESS MICROPHONE SYSTEM



EU-6200 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



### ER-6200

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.

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



### EH-6200

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):	Approximately 330g



### ET-6200

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 :	>8 hours
Dimensions(mm) :	95(H)×65(W)×25(D)
Weight (without battery) :	Approximately 80g