

# TM-200

DUAL CHANNEL TRUE DIVERSITY WIRELESS MICROPHONE SYSTEM



TM-200 is a dual-channel true diversity wireless microphone. It can automatically select channel, eliminate dead spot and enhance anti-interference ability. It supports external synchronizer and bidirectional serial communication. It can be connected with central control panel or control panel. It is suitable for engineering, education and other important occasions.

## 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 522MHz to 936MHz.



### 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.
- RS-232 serial communication opening protocol



### 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



TM-200 Dual Channel Wireless Receiver

- EIA standard 1U metal rack receiver chassis.
- Receiver equipped with exquisite LED display, can clearly display receiving channel, RF and AF signal.

Tuning Bandwidth	522MHz-936MHz
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)x43(H)x206(D)
Net Weight	1.8Kg



T-1H Wireless Handheld Microphone

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

Switching bandwidth	522MHz-936MHz
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)	>8 hours
Dimensions	50(Φ) X 260(L)
Net 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	522MHz-936MHz
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	95mm(H)x65mm(W)x25mm(D)
Net 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	522MHz-936MHz
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	>8 hours
Dimensions(mm)	base: 141 x 115 x 48 Microphone tube: 430mm
Net Weight (without battery)	1.0 Kg