

TM-200

DUAL CHANNEL DIVERSITY WIRELESS MICROPHONE SYSTEM



TM-200 is a true diversity wireless receiver independently developed by Relacart; handheld microphones, bodypack lavalier microphones or headset microphones, and desktop gooseneck conference microphones can be optionally selected; Automatic shutdown function. (When the microphone is placed horizontally or at an angle of less than 45 degrees, the microphone is automatically muted for 5 seconds, the microphone is automatically turned off when it is stationary for 10 minutes, and the microphone is automatically muted when it is dropped from a height. Provide users with intelligent power-saving and user-friendly applications.

Key Features



AFS(Automatic Frequency Selection)

- With [AFS] function, enter the setup menu and select AFS function, the receiver will auto-scan and lock on to an open interference-free frequency.



Frequency response

- The operating frequency range is 522MHz-936MHz according to the radio wave control laws and regulations of various countries.



IR Infrared

- With [IR] infrared automatic frequency matching function, press the [SYNC] button, the transmitter can automatically and lock on to an open accurately.



Ultra wideband

- 128MHz wide-band transmitter, four receivers in different frequency bands can be used interchangeably, which greatly facilitates engineering debugging and management.
- Use the channel group mode, and there are 50 channel groups in each frequency band for user selection.



Anti-Interference

- The true diversity FM superheterodyne reception is adopted to ensure the stability of the received RF signal and the anti-interference of the receiver itself.



Companding circuit

- Combined with Relacart's classic audio companding circuit, it can reduce the noise in the transmission of sound from radio waves, and try to ensure the sound pickup effect of the product in use.

Product Specification



TM-200
Dual Channel Wireless Receiver

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

Receive Bandwidth:	521.25MHz ~ 938.85MHz
Receiving Method:	FM super heterodyne true diversity reception
RF Sensitivity:	5dBv, S/N≥60 dB at 25KHz deviation
Squelch Adjustment:	Set
Frequency Synchronization Method:	IR Sync
Maximum Output Level:	Maximum output + 11dBV
Output Level Adjustment Range:	Set
Power Supply:	DC12V / 1A
Normal Working Current:	DV12V, 330mA
Dimensions(mm):	410 (W)×206(D)×43 (H)
Net Weight:	1.8kg

- Handheld wireless microphone, simple design style and ergonomic concept, durable metal material, multi-function LCD display, Touch switch design. The capsule of handheld microphone can be removed and replaced. It's suitable for speech, singing and other occasions.

Carrier Frequency Range:	521.25MHz~936.85MHz
Oscillation:	PLL synthesized
Harmonic Radiation:	≤45dBm
Bandwidth:	134MHz (It depends on the region)
Max. Deviation Range:	±45KHz
Maximum Input Sound Pressure:	maximum input - 11dBv
RF Power Output:	5mW/30mW
Battery:	AA X 2
Modulation Mode:	FM modulation
Battery Current / Life:	Approximately 8hours
Dimension:	50(Φ)×260(L)
Weight:	330g (w/o battery)

T-1H

Wireless Handheld Microphone



- 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.

Carrier Frequency Range:	522MHz~936MHZ
Oscillation:	PLL Synthesized
Harmonic Radiation:	≤50dBm
Bandwidth:	134MHz (It depends on the region)
Max. Deviation Range:	±45KHz
Input Connector:	4-pin mini-XLR connector
RF Output Power:	10MW/40MW
Battery:	AAx2
Current Consumption:	110mA(Typical)
Battery Current/ Life:	Approximately 11 hours
Dimension:	84(H)×66(W)×23(D)
Weight:	116g (w/o battery)

ET-50

Wireless Bodypack Transmitter



- 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.

Carrier Frequency Range:	522MHz~936MHZ
Oscillation:	PLL Synthesized
Harmonic Radiation:	≤50dBm
Bandwidth:	134MHz (It depends on the region)
Max. Deviation Range:	±45KHz
RF Output Power:	13mW
Battery:	AAx2
Current Consumption:	130mA(Typical)
Battery Current/ Life:	Approximately 9 hours
Microphone Lengths:	340/420(default)/480
Weight:	Approximately 830g (w/o battery)
Color:	Nickel Black

UD-2

Wireless Conference Microphone

