

HR-30S

HR SINGLE-CHANNEL TRUE DIVERSITY
WIRELESS MICROPHONE SYSTEM



HR-30S Single Channel true diversity wireless audio is designed for large scale performance and church, matching with newly-developed wireless system digital control software, allows real-time network remote-controlling and monitoring.

Product Specification



HR-30S

Single Channel Wireless Receiver

- 1/2 EIA standard 1U receiver chassis, offering programmable features, with high-visibility LCD display.
- The receiver's bright LCD display the operating channel or frequency, RF and AF signal strength, transmitter battery capacity, and the ability to edit the performer's name for easy tuner control.
- Antenna output with 8VDC

Main Frame Size	1/2 EIA standard 1U
Receiving Channel	Single Channel
Receiving Mode	True Diversity
Frequency Reliability	±0.005%(-10~50℃)
Bandwidth	32MHz
Audio output jack	XLR balanced socket and Φ 6.3mm unbalanced socket
Antenna socket type	BNC
Control cable	4P telephone line connect to the U485, U485 USB connect to computer.
Operating Distance	80M typical(in open space)
Oscillation	PLL synthesized
Sensitivity	5dBμV,S/N>60dB at 25KHz deviation
Max. Deviation	±45KHz
Power Supply	DC 12V/12W
Dimension(mm)	206(W)×206(D)×43(H)
Weight	Approximately 1.0kg



H-30

Wireless Handheld Microphone

- The transmitters offer durable, magnesium bodies, soft-touch controls. Effectively protects inside PCB board components and battery holders with an ergonomic grip.
- With lock function, avoid the mistakes of the performers, to ensure reliable performance.

Carrier Frequency Range	522MHz~936MHz
Oscillation	PLL synthesized
Harmonic Radiation	<20dBm
Max. Deviation	±45KHz
Microphone Element	Dynamic/Condenser(removable)
RF Output Power	10mW/40mW
Battery	AA×2
Current Consumption	100mA(Typical)
Battery	Approximately 10 hours(alkaline)
Dimension(mm)	53(Φ) ×265(L)
Weight	Approximately 312g(w/o battery)



T-30

Wireless Bodypack Transmitter

- The bodypack transmitter is one of the smallest mini bodypack in the world. It is made of all alloys and is light and durable.

Carrier Frequency Range	522MHz~936MHz
Oscillation	PLL synthesized
Harmonic Radiation	<50dBm
Max. Deviation	±45KHz
Input Connector	4-pin mini XLR connector
RF Output Power	10mW/40mW
Battery	AA×1
Current Consumption	205mA(Typical)
Battery	Approximately 5 hours(alkaline)
Dimension(mm)	66(H)×63(W)×20(D)
Weight	Approximately 85g(w/o battery)

Key Features



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

- PLL (Phase Lock Loop frequency control) design ensures transmission reliability, "Noise Lock" squelch effectively blocks stray RF.



IR Infrared

- Press [IR] button to upload automatically the receiver frequency to the transmitter.



Super Wide Frequency Range

- 32MHz bandwidth, 1280 selectable UHF frequencies and True Diversity reception for interference-resistant operation.



Intelligent Management

- On-board Ethernet interface for monitoring and controlling system parameters with "RWW" wireless management system.



Energy Conservation

- Precision low-power circuit design, battery life is twice as common.