MAG6556

Digital Wide-Area Wireless Microphone Receiver

Description

This digital wide-area wireless microphone receiver is a wireless signal receiver with a built-in zero-latency module. It employs UHF dual true-diversity reception technology to effectively prevent signal dropouts and extend the reception range. Infrared frequency matching allows for quick and convenient synchronization between the transmitter and receiver. Advanced digital signal processing provides noise reduction, ensuring clear audio quality, making it suitable for a wide range of applications.

Features

- UHF dual true-diversity reception technology for effectively preventing signal dropouts and extending the reception range.
- DPLL (Digital Phase-Locked Loop) multi-channel frequency synthesis technology.
- Infrared frequency matching for quick and convenient synchronization between the transmitter and receiver.
- Display screen for showing information such as frequency, channel, squelch, and audio level.
- Balanced and unbalanced output ports to accommodate different connection requirements.
- AF output via XLR connectors for separate or mixed outputs.
- Zero-latency AES67 module for real-time transmission to the host system.
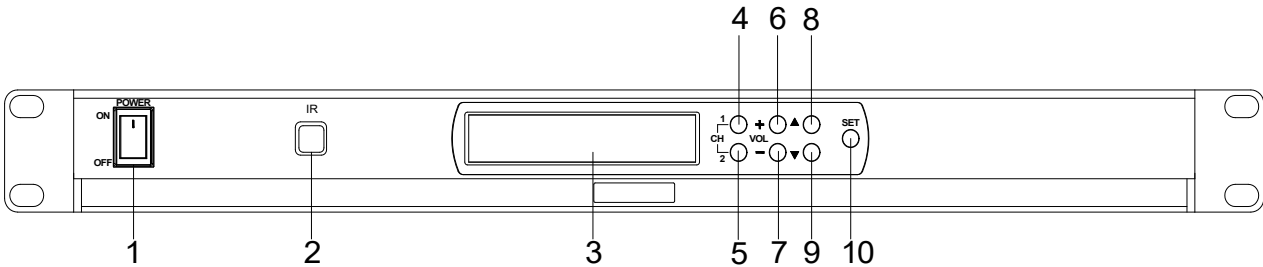
Specifications

Model	MAG6556
Frequency Range	632-661.25MHz
Number of Channels	100
Frequency Step	250KHz
Frequency Stability	Within ±0.005%
Dynamic Range	88dB
Maximum Frequency Deviation	±48KHz
Frequency Response	125Hz-15KHz (±3dB)
Overall S/N Ratio	>70dB

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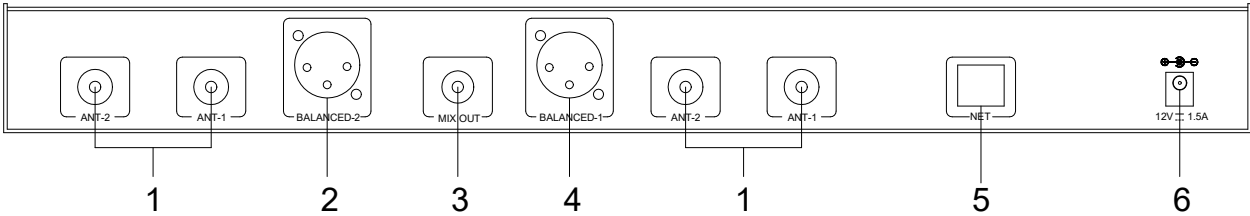|		
	THD	≤1%
	Operating Temperature	-10 °C~+40 °C
	Effective Operating Range	150-300m (in open environment)
	Wireless Interface	BNC/50Ω
	Sensitivity	-100dBm
	Display	LCD screen
	Operating Voltage	DC12V
Receiver	Package Dimensions (L×W×H)	525×278×90mm
	Product Dimensions	483×178×44mm
	Gross Weight	3.9kg
	Net Weight	2.26kg

Front / Rear Panel

Front Panel

① Power Switch (POWER)
② IR Frequency Matching (used with the SET button to transmit channel parameters to the transmitter)
③ LCD Display
④ Channel 1 Selection Button

⑤ Channel 2 Selection Button
⑥ Volume Up (+)
⑦ Volume Down (-)
⑧ Frequency Up Button
⑨ Frequency Down Button
⑩ SET Button

Rear Panel

① ANT-1: Antenna input (630–670MHz)
   ANT-2: Antenna input (650–700MHz)
② AF Channel 2 Output (via XLR connector)
③ AF Mixed Output

④ AF Channel 1 Output (via XLR connector)
⑤ Network Interface
⑥ DC Power Input (DC)