MERHEIN
Technical Datasheet

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UHF Wireless Microphone System with Receiver and Transmitter

This professional UHF wireless microphone system includes both a receiver and a transmitter. The receiver operates in the UHF 614MHz-814MHz frequency range and features 200 selectable channels.

Overview

Professional UHF Wireless Performance

This professional UHF wireless microphone system offers reliable audio transmission across a wide 614MHz-814MHz frequency range. Engineered for clarity and stability, the system features 200 selectable channels and advanced phase-locked loop oscillation to ensure consistent performance. With a 200-foot effective operating range and dual-squelch circuitry, it is designed to meet the rigorous demands of professional audio environments.

Receiver Specifications

Power Requirements

12 VDC	18 VDC	0.5 A
Voltage Min	Voltage Max	Current

Frequency Range	614MHz - 814MHz
Selectable Channels	200
Frequency Response	40Hz - 18KHz
Signal-to-Noise Ratio	105 dB
Total Harmonic Distortion	<0.5% @1KHz
Effective Range	200 feet
Output Impedance	2.2k©

Transmitter Specifications

Transmission Power	30 mW
Spurious Rejection	-50 dB
Battery Configuration	1.5V x 2

Physical Dimensions

Receiver Dimensions	420 x 45 x 200 mm
Receiver Weight	2.5 kg