WM 500-1

UHF HAND-HELD WIRELESS MICROPHONE



Features

Engineered for uncompromising performance, LUCASACS wireless microphone systems deliver superior sonic fidelity, rock-solid stability, and exceptional interference rejection. Featuring advanced ID Pilot technology, our systems utilize a unique 16-bit code to pair the receiver and transmitter, eliminating cross-talk even on shared frequencies. Combined with a true-diversity dual-antenna architecture, it ensures seamless RF reception and dropout-free operation in the most demanding environments.

Technical Specifications

Frequencies	The system operates between 640-690 MHz with 500 selectable channels.
Power	It features a stable 30 mW transmission power.
Response	The audio response range is 30-20,000 Hz with a variance of +/- 2 dB.
S/N Ratio	It provides high-quality sound with a Signal-to-Noise ratio of more than 96 dB.
Inputs	Equipped with 2 TNC female antenna inputs (50 Ω) and 9 V DC output for amplifiers.
Outputs	Includes 1 balanced XLR and 1 unbalanced 6.3 mm jack audio outputs.
Receiver Performance	Features -95 dBm sensitivity, less than 0.3% distortion, and under 3 ms latency.
Microphone	1 wireless handheld mic with a unidirectional dynamic capsule and 120 dB max SPL.
Battery & Power	Receiver uses 12V DC adapter; Microphone runs up to 8 hours on 2x AA batteries.
Dimensions & Weight	The receiver measures 210 x 50 x 175 mm and weighs 0.9 kg.
Included Accessories	Comes with 2 TNC antennas, 1m jack cable, anti-spin ring, adapter, and batteries.

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