WM 500-12

DUAL UHF BELTPACK - HANDHELD WIRELESS MICROPHONE



Features

LUCASACS wireless microphone systems are engineered to deliver superior sound fidelity, rock-solid operational stability, and exceptional interference management. At the heart of the system is the advanced ID Pilot function, which utilizes a unique 16-bit code to pair the receiver and transmitter—effectively preventing external interference even when operating on the same frequency. Furthermore, the true-diversity dual-antenna architecture guarantees seamless RF reception and dropout-free performance in any professional environment.

Technical Specifications

Frequencies	The system operates within a 640-690 MHz range and offers 2 x 500 selectable channels.
Power	It features a stable 30 mW transmission power for reliable performance.
Response	The audio frequency response covers 30-20,000 Hz with a deviation of +/- 2 dB.
S/N Ratio	It ensures high-quality sound with a signal-to-noise ratio exceeding 96 dB.
Inputs	The unit includes two 50 Ω TNC female antenna inputs with a 9 V DC output for antenna amplifiers.
Outputs	Audio connectivity includes one balanced XLR and one unbalanced 6.3 mm jack output.
Receiver	The receiver features -95 dBm sensitivity, less than 0.3% distortion, and a latency under 3 ms.
Microphones	Includes a wireless handheld microphone with a unidirectional dynamic capsule and 120 dB maximum SPL.
Power Supply	The receiver uses a 12 V DC adapter while the microphone operates on 2 x AA batteries.
Dimensions and Weight	The compact receiver measures 210 x 50 x 175 mm and weighs 0.9 kg.
Accessories	Comes with two TNC antennas, a 1m jack cable, an anti-spin ring, a power adapter, and batteries.

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