WF-U216HP-A2

UHF DUAL 16-CHANNEL WIRELESS SYSTEM WITH ONE HANDHELD MICROPHONE AND ONE HEADSET

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The WF-U216-A2 is a UHF dual wireless microphone system with 16 channels each. Its main characteristics are reliability, audio quality and extreme simplicity of use. It’s been designed for all those professionals who need a ready-to-use tool, always. Despite its minimalist look, the WF-U216-A2 is a concentrate of technology, capable of integrating a high-quality microphone preamp stage, a DSP-based audio processing, a PLL synthesis stage, and other functions in a single chip. Compared to analog systems, it significantly improves the stability and reliability of the FM modulation section, the AF and audio stages, offering professional level music performance. The WF-U216-A2 is also equipped with the IR synchronization system, for quick coupling between the receiver and transmitter. Both the hand transmitter and the pocket transmitter can work with AA alkaline or rechargeable batteries. The handheld transmitter also allows direct charging of the batteries thanks to the supplied USB cable. The quality of the cardioid capsules of the plasma transmitter (dynamic) and of the headband (condenser) are professional.

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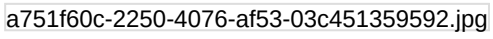

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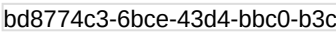

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PRODUCT DETAILS

KEY FEATURES

606-613.5 MHz UHF Band
16-Channels for each Microphone (32-channels in total)
Simple and Outright User Interface with display on Transmitters and Receiver
Single-chip design with high-quality preamp, DSP audio processing, and PLL synthesis
IR Matching System for Quick Setup
High efficiency battery consumption design.
50m Ideal Distance (without obstacles)
Professional Hand-held Microphone with Dynamic Cardioid Capsule
Body-pack with 3-Pin Mini-XLR Connector and LCD display
Professional and Lightweight Headset with High-Sensibility Condenser Cardioid Capsule

SPECIFICATIONS

Carrier Frequency	UHF 606-613.5 MHz
Frequency Stabilization	Automatic calibration
Dynamic Range	>90dB
Total Harmonic Distortion	<0.4%
Frequency Response	40Hz-15KHz ±3dB
System Audio Output Level	Balanced 400mV; Unbalanced 400mV
System Packing Dimensions (WxDxH)	380 x 285 x 65 mm
System Packing Gross Weight	1.2 kg
Receiver Power Adapter	DC 12V / 1000mA
Receiver Consume Power	<4W
Receiver Signal/Noise Ratio	>95dB
Receiving Sensitivity	-95dBuV
Receiver De-Emphasis	75uS
Receiver Size (WxDxH)	210 x 155 x 43 mm
Receiver Antennas Height	115 mm
Receiver Net Weight	0.345 kg
Transmitter Power	10mW (Max)
Transmitting Modulation Type	FM
Transmission Max Deviation	±26KHz
Transmission Spurious Emission	>40dB
Transmitter Battery Voltage	2x1.5V AA Alkaline Batteries or 2x1.2V Rechargeable
Transmitter Continuous Using	about 5 hours
Hand-held Mic. Size (W/DxH)	Ø33 (min) - Ø48 (max) x 248 mm
Hand-held Mic. Net Weight	0.215 kg (batteries included)
Pocket Transmitter Size (WxDxH)	62 x 30 x 103 mm
Pocket Transmitter Antenna (W/DxH)	Ø3 x 10 mm
Pocket Transmitter Net Weight	0.133 kg (batteries included)