WF-U300HP-A1

300-CHANNEL DUAL UHF COMPACT WIRELESS SYSTEM WITH 1 HAND MIC & 1 BODYBAPCK A1 (520-550MHZ)

WF-U300HP-A1

The WF-U300 is a UHF dual wireless microphone system with 300 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-U300 is a concentration 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-U300 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 quality of the cardioid capsules of the handheld transmitter (dynamic) and of the headset (condenser) are professional.

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PRODUCT DETAILS

KEY FEATURES

- Dual UHF Receiver
- Professional Hand-held Microphones with Dynamic Cardioid Capsules
- Bodypack with 3-Pin Mini-XLR Connector and LCD display
- Professional and Lightweight Headset with High-Sensibility Condenser Cardioid Capsule
- A1 (520-550MHz) UHF band
- 300 selectable Channels (shared between the 2 transmitters)
- 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
- 50m Ideal Distance (without obstacles)
- High efficiency battery consumption design (around 5h operation)
- Operation with rechargeable or alkaline AA batteries

SPECIFICATIONS

Carrier Frequency	UHF 520-550MHz (A1)
Frequency Stabilization	Automatic calibration
Dynamic Range	>90dB
Total Harmonic Distortion	<0.4%
Frequency Response	40Hz-15KHz ±3dB

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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	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)

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