

WF-U1300P

True Diversity 300-CH Wireless Microphone System with pocket transmitter and Headset

WF-U1300 is a UHF True Diversity professional wireless microphone with 300 channels and a simple and intuitive user interface. "True Diversity" means that the receiving system is equipped with two antennas, two receive circuits and a device capable of continuously choose the stronger and interference-free signal. This system is built with leading technology that allows the integration of many of the major functions - such as amplification section, digital signal processing, PLL (Phase-Locked Loop) frequency synthesis, and more - into a single CHIP. This allows us to offer highly professional performance yet cost-effective products. The WF-U1300 is also equipped with the automatic frequency search system and IR sync. system for channel synchronization between receiver and transmitter in a quick way. Furthermore, Digital Pilot Technology not only allows to monitor reception level and batteries charge, but even to operate with multiple systems without problems. Finally, there are two optional kit for rack mounting of 1 or 2 receivers, respectively, on 1 or 2 standard 19" rack units.



KEY FEATURES

UHF True Diversity Technology to Avert Interferences

300 Preset Frequencies and IR Matching System for Quick Setup

823-832MHz UHF Band

Simple and Outright User Interface with LCD display on Transmitter and Receiver

Digital Pilot Technology to allow Multi-system Operation

Transmitter AF-level and Battery-Low Monitoring directly on the Receiver

80m Ideal Distance (without obstacles)

Bodypack with Connector Locking System

Professional and Lightweight Headset with High-Sensitivity Dynamic Cardioid Capsule

Half 19" Rack Unit with Rack-Mount Kit (optional)

MORE SPECIFICATIONS

SYSTEM

Carrier Frequency	UHF823-832MHz
Frequency Stabilization	< ±30ppm
Dynamic Range	>90dB
Total Harmonic Distortion	<0.5%
Frequency Response	40Hz-15KHz ±3dB
Audio Output Level	Balanced 400mV; Unbalanced 400mV
Packing Dimensions (WxHxD)	435 x 104 x 321 mm
Packing Gross Weight	2.5 kg

RECEIVER

Power Supply	DC 17V / 300mA
Consume Power	5W
Signal/Noise Ratio	>90dB
Receiving Sensitivity	5dBuV
De-Emphasis	75uS
Dimensions (WxHxD)	210 x 43 x 187 mm (antennas not included)
Antenna	255 mm (not bent)
Net Weight	0.53 kg

POCKET TRANSMITTERS

Transmitter Power	10mW (Max)
Modulation Type	FM
Max Deviation	±25KHz
Spurious Emission	>40dB
Battery Voltage	3V (2x1.5V AA Batteries)
Continuous Using	5 hours
Dimensions (WxHxD)	62 x 103 x 30 mm
Antenna (W/DxH)	Ø3 x 9 mm
Net Weight	0.132 kg (batteries included)