

WF-U2600HH

# DUAL UHF TRUE DIVERSITY MULTI-CHANNEL WIRELESS MICROPHONE SYSTEM

WF-U2600 is a dual UHF True Diversity professional wireless microphone with 240 channels for each microphone, and a simple and intuitive user interface. "True Diversity" means that the receiving system is equipped with two antennas, two receiving circuits and a device capable of continuously choose the stronger and interference-free signal. The WF-U2600 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 few CHiPs. This allows us to offer highly professional performance yet cost-effective products. The WF-U2600 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, the Digital Pilot Technology not only allows to monitor reception level and battery charge, but even to operate up to 200 sets multiple systems without problems. Finally, the receiver comes with a kit for mounting in 1 standard 19" rack unit. The kit is composed by two L-shape adapters and four screws to mount them on both receiver sides. WF-U2600HH system is composed by two Hand Transmitter with Professional Dynamic Cardioid Capsule and one Dual UHF True Diversity Receiver.



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## PRODUCT DETAILS

### KEY FEATURES

UHF True Diversity Technology to Avert Interferences

240 Preset Channels for each microphone

IR Matching System for Quick Setup

630-660MHz UHF Band

Simple and Outright User Interface

LCD display on Transmitters and TFT color displays on Receiver

Digital Pilot Technology to allow up to 200 systems operation simultaneously without interferences

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

Automatic mute function on microphones

80m Ideal Distance (without obstacles)

Professional Hand held Microphone with Dynamic Cardioid Capsule

19" Rack-Mount adapter kit included

### SPECIFICATIONS

**Carrier Frequency** UHF630-660MHz

**Frequency Stabilization** <  $\pm 30$ ppm

**Dynamic Range** >100dB

**Total Harmonic Distortion** <0.5%

**Frequency Response** 40Hz-15KHz  $\pm 3$ dB

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<b>Audio Output Level</b>	Balanced 400mV; Unbalanced 400mV
<b>Packing Dimensions (WxHxD)</b>	473 x 75 x 408 mm
<b>Packing Gross Weight</b>	3.4 kg
<b>Receiver Power Supply</b>	DC 13.5V / 1.5A
<b>Receiver Power Consumption</b>	5W
<b>Signal/Noise Ratio</b>	>95dB
<b>Receiving Sensitivity</b>	5dBuV
<b>De-Emphasis</b>	50uS
<b>Receiver Size (WxHxD)</b>	420 x 50 x 220 mm (antennas not incl.)
<b>Antenna</b>	255 mm (not bent)
<b>Receiver Net Weight</b>	2.02 kg
<b>Transmitter Power</b>	10mW(Max)
<b>Modulation Type</b>	FM
<b>Max Deviation</b>	±25KHz
<b>Transmitter Battery Voltage</b>	3V (2x1.5V AA Battery)
<b>Continuous Using</b>	5 hours
<b>Hand-held Mic. Size (W/DxH)</b>	Ø35 (min) - Ø53 (max) x 260 mm
<b>Hand-held Mic. Net Weight</b>	0.335 kg (batteries included)