

WF-U2602HP

# UHF TRUE DIVERSITY DUAL MULTI-CHANNEL WIRELESS MICROPHONE SYSTEM 630-660MHZ WITH 1 HANDHELD MICROPHONE, 1 BODYPACK AND 1 HEADSET MIC.

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WF-U2602 is a dual UHF **True Diversity** professional wireless microphone with **600 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-U2602 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-U2602 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.

The handheld transmitters feature a professional cardioid capsule with a warm sound and rich detail in the high frequency range. The **capsule is easily removable**, and the transmitter body is equipped with a connection system compatible with capsules from many microphone manufacturers, giving demanding professionals the option to keep their sound.

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.

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## PRODUCT DETAILS

### KEY FEATURES

UHF True Diversity Technology to Avert Interferences

600 Preset Frequencies for each microphone, and IR Matching System for Quick Setup

630-660MHz UHF Band

Simple and Outright User Interface with LCD display on Transmitters and TFT display 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, which saves battery power effectively when it is on but not using

80m Ideal Distance (without obstacles)

Professional Handheld Microphone with detachable Dynamic Cardioid Capsule

Body-pack with 3-pin mini-XLR connector

Professional and Lightweight Headset with High-Sensibility Condenser Cardioid Capsule

19" Rack-Mount adapter kit included

### SPECIFICATIONS

|                         |                                  |
|-------------------------|----------------------------------|
| Carrier Frequency       | UHF 630-660 MHz                  |
| Frequency Stabilization | < $\pm 30$ ppm                   |
| Dynamic Range           | >100dB                           |
| Frequency Response      | 40Hz-15kHz $\pm 3$ dB            |
| Audio Output Level      | Balanced 400mV; Unbalanced 400mV |

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|                                       |                                        |
|---------------------------------------|----------------------------------------|
| Packing Gross Weight                  | 3.4 kg                                 |
| Receiver Power Supply                 | DC 12V-18V / 1.5A                      |
| Receiver Consume Power                | 5W                                     |
| Signal/Noise Ratio                    | >95dB                                  |
| Receiving Sensitivity                 | 5dBuV                                  |
| Receiver Dimensions (WxHxD)           | 420 x 50 x 220 mm (antennas not incl.) |
| Antenna                               | max. 255 mm                            |
| Receiver Net Weight                   | 2.02 kg                                |
| Transmitter Power                     | 30mW (Max)                             |
| Modulation Type                       | FM                                     |
| Max Deviation                         | ±25KHz                                 |
| Battery Voltage                       | 3V (2x1.5V AA Battery)                 |
| Continuous Using                      | 5 hours                                |
| Hand-held Mic. Dimensions (W/DxH)     | Ø20 (min) - Ø50.5 (max) x 260 mm       |
| Hand-held Mic. Net Weight             | 0.335 kg (batteries included)          |
| Pocket Transmitter Dimensions (WxHxD) | 62 x 103 x 30 mm (antenna not incl.)   |
| Antenna (H)                           | 205 mm                                 |
| Pocket Transmitter Net Weight         | 0.132 kg (batteries included)          |