

WF-U2302HP

# TRUE DIVERSITY DUAL WIRELESS MICROPHONE SYSTEM WITH 1 HANDHELD MICROPHONE AND 1 BODYPACK WITH HEADSET 630-660MHZ

WF-U2302 is a dual UHF **True Diversity** professional wireless microphone with 300 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. This technology is used for both single systems (WF-U1300 Series) or dual systems (WF-U2302).

The WF-U2302 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-U2302 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 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. Ask your dealer or visit SOUNDSATION website [www.soundsationmusic.com](http://www.soundsationmusic.com) for further details.





## PRODUCT DETAILS

### KEY FEATURES

UHF True Diversity Technology to avert Interferences

300 Preset Frequencies and IR Matching System for Quick Setup

630-660MHz UHF Band

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

Digital Pilot Technology to allow Multisystem Operation

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

80m Ideal Distance (without obstacles)

Professional Handheld Microphone with Dynamic Cardioid Capsule

Bodypack with Connector Locking System

Professional and Lightweight Headset with High-Sensibility Dynamic Cardioid Capsule

Half 19" Rack Unit with metal housing and removable antennas

Optional Rack-Mount Kits for 1 o 2 units

## SPECIFICATIONS

<b>Carrier Frequency</b>	UHF 630-660 MHz
<b>Dynamic Range</b>	>90dB
<b>Frequency Response</b>	40Hz-15KHz $\pm$ 3dB
<b>Audio Output Level</b>	Balanced 400mV; Unbalanced 400mV
<b>Packing Dimensions (WxHxD)</b>	435 x 104 x 321 mm
<b>Packing Gross Weight</b>	2.5 kg
<b>Receiver Power Supply</b>	DC 12V / 500mA
<b>Consume Power</b>	7W
<b>Signal/Noise Ratio</b>	>90dB
<b>Receiving Sensitivity</b>	5dBuV
<b>Receiver Dimensions (WxHxD)</b>	210 x 43 x 187 mm (antennas not incl.)
<b>Antenna</b>	max. 255 mm
<b>Net Weight</b>	0.53 kg
<b>Transmitter Power</b>	30mW (Max)
<b>Modulation Type</b>	FM
<b>Battery Voltage</b>	3V (2x1.5V AA Battery)
<b>Continuous Using</b>	5 hours
<b>Hand-held Mic. Dimensions (W/DxH)</b>	Ø35 (min) - Ø53 (max) x 260 mm
<b>Hand-held Mic. Net Weight</b>	0.335 kg (batteries included)
<b>Pocket Transmitter Dimensions (WxHxD)</b>	62 x 103 x 30 mm
<b>Pocket Transmitter Antenna (W/DxH)</b>	Ø3 x 9 mm
<b>Pocket Transmitter Net Weight</b>	0.132 kg (batteries included)