WF-U404HP A2

# UHF TRUE DIVERSITY 4-CH WIRELESS SYSTEM – 2 HANDMIC – 2 BODYPACK & HEADSET A2 (626-668 MHZ)

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Small but mighty – that's how the new Soundsation WF-U400 True Diversity UHF wireless microphone systems are described in a nutshell. Each receiver, housed in a half-rack 19" metal case, can accommodate up to four reception channels. Each has its own color-changeable backlit display for easy recognition of the respective transmitter. A rack-mount kit also allows two receivers, for a maximum of eight channels in a single 19" rack.

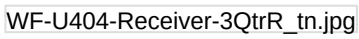
In terms of audio quality, the system offers crystal-clear sound and flawless performance, even in crowded environments. Thanks to the True Diversity UHF reception circuit, the system controls two antennas for stable, uninterrupted audio. Furthermore, the 300 selectable frequencies, the PLL (Phase-Locked Loop) frequency synthesis ensures consistent, interference-free performance even up to 16 channels simultaneously, provided they are well distributed between the approximately 40MHz of the A1 (516-558MHz) and A2 (626-668MHz) bands, and in the absence of large physical obstacles.

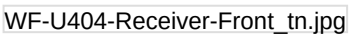
With a range of 40 to 60 meters (depending on interference and obstacles), automatic or manual frequency scanning options, and a quick infrared pairing procedure, the WF-400 systems are designed for easy setup and use.

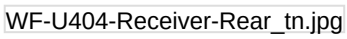
The handheld transmitter, sturdy yet unobtrusive, features an LCD display with color-changing backlighting depending on the channel it is paired to. The professional dynamic capsule has a cardioid polar pattern and is suitable for both singing and simple close-up vocal pickup.

The compact and lightweight pocket transmitter features a flesh-colored headband microphone with a cardioid condenser capsule. The connection is via a 3-pin mini-XLR. Like the handheld microphone, the bodypack also has an LCD display with color-changing backlighting depending on the channel it is paired to.

The Soundsation WF-U400 systems therefore allow you to cover an infinite number of audio micing applications where many channels, high reliability and maximum ease of use are required.


WF-U404-Receiver-3QtrR_tn.jpg


WF-U404-Receiver-Front_tn.jpg


WF-U404-Receiver-Rear_tn.jpg

# PRODUCT DETAILS

## KEY FEATURES

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|---|
| UHF True Diversity Receiving Circuitry |
| PLL phase-locked frequency synthesis |
| 300 selectable frequencies or with automatic scanning |
| Stable Performance with 40-60m Operating Distance |
| Integrated Antenna Distribution System |
| Quick IR Pairing Procedure |
| 4-Channel Systems |
| 626-668MHz (A2) Band Operation |
| Transmission bandwidth: < 100kHz |
| 1” TFT Color Display for each transmitter |
| Adjustable background color for each Tx and Rx Channels |
| Half 19” Rack-mount Receiver (rack kit optional) |
| Elegant and rugged handheld transmitter |
| Low noise handling microphone |
| Cardioid dynamic cartridge |
| Bodypack with rugged and stylish case |
| Mini-XLR with adjustable gain |
| Headset mic with cardioid condenser capsule |
| Professional carring case |

## SPECIFICATIONS

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|---|---|
| **Receiving Channels** | 4CH |
| **Carrier Frequency** | 626-668MHz (A2) |
| **Oscillation** | PLL phase-locked frequency synthesis |
| **Frequency Sensitivity** | Input 6dBµV, S/N>80dB |
| **Operating Distance** | 40-60 meters |
| **T.H.D. (Total Harmonic Distortion)** | <0.5%@1kHz |
| **Transmission Bandwidth** | < 100kHz |
| **Receiver Display** | 4x 28x13.5mm TFT Color Display |
| **Receiver Power Supply** | DC 12-18V - 1000mA |
| **Receiver Dimensions (WxDxH)** | 200 x 205 x 45 mm |
| **Max Receiver Dimensions (WxDxH)** | 210 x 20,5 x 160 mm (antennas included) |
| **Packing Dimensions (WxDxH)** | 465 x 100 x 365 mm |
| **Packing Gross Weight** | 3,7 kg |
| **Handmic Pickup Gain** | Fixed Gain |
| **Handmic Transmission Power** | 13dB |
| **Handmic Current Drain** | Standard <130mA |
| **Handmic Display** | LCD |
| **Handmic Cartridge** | Dynamic Cardioid |
| **Handmic Batteries** | 2x 1.5V AA-Type |
| **Handmic Dimensions (W/DxH)** | Ø50 x 251 mm (1.97 x 9.88” in.) |
| **Handmic Net Weight** | 0.4 kg with batteries (0.88 lbs.) |
| **Bodypack Pickup Gain** | Adjustable Gain |
| **Bodypack Transmission Power** | 13dB |
| **Bodypack Current Drain** | Standard <130mA |
| **Bodypack Display** | LCD |
| **Bodypack Cartridge (Headset and Lavalier)** | Condenser Cardioid |
| **Bodypack Batteries** | 2x 1.5V AA-Type |

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|---|---|
| **Bodypack Dimensions (WxDxH)** | 65 x 24 x 84 mm (2.55 x 0.94 x 3.30” in.) |
| **Bodypack Size with Antenna (Max H)** | 206 mm (8.11” in.) |
| **Bodypack Net Weight** | 0.112 kg with batteries (0.25 lbs.) |