WF-U402PP A1

UHF TRUE DIVERSITY 2-CH WIRELESS SYSTEM – 2 BODYPACK & HEADSET A1 (516-558 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-U402-HH-Receiver-3QtrR_tn.jpg

WF-U402-Front-Panel_tn.jpg

WF-U402-Rear-Panel_tn.jpg

PRODUCT DETAILS

KEY FEATURES

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
2-Channel Systems
516-558MHz (A1) 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)
Bodypack with rugged and stylish case
Mini-XLR with adjustable gain
Headset mic with cardioid condenser capsule
Professional carring case

SPECIFICATIONS

Receiving Channels	2CH
Carrier Frequency	516-558MHz (A1)
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)	460 x 120 x 355 mm
Packing Gross Weight	3,25 kg
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
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.)