WF-D290HH MKII-A1

UHF DUAL DIGITAL WIRELESS MICROPHONE SYSTEM - A1 BAND (520-550MHZ)

WF-D290HH MKII-A1

SOUNDSATION WF-D290 MKII-A1 adopts a brand-new digital transmission technology and hardware encryption of audio data that enable superior audio quality (compared to analog UHF systems), very-low latency (better than 2.4GHz systems) and maximum security due to the cryptographic hardware. The unique 16bit digital ID pilot technology avoids interferences even on same frequency, and allows continuous exchange of data between transmitters and receiver, such as battery level, transmission power, squelch operation, etc. The system is equipped with automatic frequency scanning and frequency spectrum display, which allow the user to select the less disturbed frequencies in every environment it operates. It features 90 frequencies for each transmitter, divided into 15 groups, each of which contains 6 channels.The user interface is very simple and intuitive, thanks to the TFT color display on the receiver and the simplicity of its setup menus. The handheld transmitter and the bodypack (in case of WF-D290HP), however, are equipped with LCD display with auto-off function, to save battery. The handheld microphone is also equipped with rechargeable lithium battery that can be recharged via the USB port on the back of the receiver. Finally, there are two optional kit for rack mounting of 1 or 2 receivers, respectively, on 1 or 2 standard 19” rack units.

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PRODUCT DETAILS

KEY FEATURES

UHF A1 Band operation (520-550 MHz)
Digital audio transmission technology
Unique digital 16-bit ID pilot technology
Transmitter Audio level and Battery-Low monitoring on the Receiver
Double antenna diversity technology
No crosstalk disturbance even on same frequency
Ultra-short audio latency
Sampling Frequency:
30Hz-20kHz frequency response
Colorful TFT display and menu settings on receiver
Auto frequency scanning and spectrum display
50m Ideal Distance (without obstacles)
Infrared Tx-Rx synchronization system for quick system setting
Professional Handheld Microphone with Professional Dynamic Cardioid Capsule and rechargeable Lithium Battery
Rack-Mount Kit for 1 or 2 receiver units to 1x or 2x 19" rack unit (optional)
Detachable Antennas with BNC connectors

SPECIFICATIONS

Carrier Frequency	UHF 520-550MHz
Bandwidth	9 MHz
Channel Bandwidth	100 kHz
Preset Group/Channel	15 groups, 6 frequencies in each group
Dynamic Range	>98 dB
Total Harmonic Distortion	<0.1%
Frequency Response	30 Hz-20 kHz/±2 dB
Audio Output Level	Balanced 400mV; Unbalanced 400mV
Packing Dimensions (WxHxD)	436x104x324 mm
Packing Gross Weight	2.5 kg
Receiver Power Supply	DC 12V/1000 mA (EU PLug)
Receiver Consume Power	5 W
Signal/Noise Ratio	>98 dB
Receiving Sensitivity	-96 dBm
Transmission Delay	<3 ms
Receiver Dimensions (WxHxD)	210x45x118 mm (antennas not incl.)
Receiver Antennas	255 mm (not bent) with BNC connectors
Net Weight	0.4 kg
Transmitter Power	10 mW (Max)
Modulation Type	DQPSK
Battery Voltage Handheld Transmitter	1x3.7 V - 1200 mAh Lithium Rechargeable Battery (type 18500)
Continuous Using	5 hours (HI Trans. power); 7 hours (LO Trans. power)
Battery Charge Time	About 3,5 hours
Hand-held Mic. Dimensions (W/DxH)	Ø35(min)-Ø46(max)x240 mm
Hand-held Mic. Net Weight	0.26 kg (batteries included)