WF-D190H MKII-A1

90-CHANNEL UHF DIGITAL WIRELESS HAND-HELD MICROPHONE SYSTEM A1 (521.4 - 549.6MHZ)

WF-D190H MKII-A1

WF-D190 MKII 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 transmitter and receiver, such as battery level, transmission power, squelch operation, etc.

The system is also 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, 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, however, are equipped with LCD display with auto-off function, to save battery consumption.

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, two 19" rack mount kit are available to install 1 or 2 receivers, respectively, in 1 or 2 rack units.

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PRODUCT DETAILS

KEY FEATURES

- UHF A1-Band operation (521.4 - 549.6MHz)
- Digital audio transmission technology
- Unique digital 16-bit ID pilot technology
- Transmitter AF-level, Audio-level and Battery-Low monitoring on the Receiver
- Double antenna diversity technology
- No crosstalk disturbance even on same frequency
- Ultra-short audio latency
- 48kHz sampling frequency
- 30-20kHz 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 connector

SPECIFICATIONS

System Carrier Frequency	UHF 521.4 - 549.6MHz

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System Bandwidth	9MHz
System Channel Bandwidth	100kHz
Preset Group/Channel	15 groups, 6 frequencies in each group
Dynamic Range	>98dB
Total Harmonic Distortion	<0.1%
Frequency Response	30Hz-20kHz / ±2dB
Audio Output Level	Balanced 400mV; Unbalanced 400mV
System Packing Dimensions (WxHxD)	436 x 104 x 324 mm
System Packing Gross Weight	2.5 kg
Power Supply	DC 12V / 1000mA
Receiver Consume Power	5W
Receiver Signal/Noise Ratio	>98dB
Receiving Sensitivity	-96dBm
Transmission Delay	<3ms
Receiver Dimensions (WxHxD)	210 x 45 x 118 mm (antennas not incl.)
Receiver Antenna	255 mm (not bent) with BNC connector
Receiver Net Weight	0.4 kg
Transmitter Power	10mW (Max)
Modulation Type	DQPSK
Battery Voltage Handheld Transmitter	1x 3.7V - 1200mAh Lithium Rechargeable Battery (type 18500)
Transmitter 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) x 240 mm
Hand-held Mic. Net Weight	0.26 kg (batteries included)

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