



FI-WP2V

Dual Channel UHF Wireless Vocal Handheld Microphone, with True Diversity Receiver



The FI-WP2V system allows for 10 frequency groups, each with up to 16 channels, adding up to a total of 160 usable channels that won't interfere with each other. The onboard Digital Volume Control system removes the need for a volume control knob and allows for seamless use between different microphone users. Up to 16 transmitter/receiver systems can be used at the same time.

Handheld Wireless Microphone

The Handheld Wireless Microphone is a vocal microphone suitable for both speaking and live vocal performance. The frequency response replicates that of popular dynamic vocal mics giving crisp, clear mid-range sound that rejects feedback. The Handheld Wireless Microphone's gain control allows for tweaking of mic's sensitivity to suit the vocal performer. A back-lit LCD display shows the operational status of the microphone, including current group, channel, battery charge, and lock status. The removable grill allows for easy replacement if damaged. This microphone is perfect for performing bands, weddings and other functions with multiple or animated/ mobile speakers or vocalist.

Dual Channel Wireless Receiver

The Dual Channel Wireless Receiver, easy to use high quality receiver with an impressive pick up range. The receiver uses automatic frequency testing to detect vacant frequencies in the area. Combine this with infrared synchronization that automatically pairs the transmitter and receiver to the same frequency, and this system is as simple to set up as 1-2-3! To make life even easier, an onboard digital volume control system automates the volume level outputted ensuring maximum signal strength without distortion / clipping. The result is a clear, even sound between different speakers / singers.

True Diversity Receiver

The unit incorporates two receiving antennas and monitors the signal strength on each antenna, switching automatically to the strongest receiving antenna. This prevents dropouts that can occur due to self-destructive interference patterns of the radio waves, or when a performer moves around stage with the transmitter. This is known as True Diversity reception technology, as opposed to quasi-diversity reception, which uses two antennas but only monitors one at a time, switching when that antenna drops below a certain signal strength, regardless of the strength on the other antenna. 2 Rack ears come with the unit for installing into a rack system.

Other Useful Features

A mute level control on the rear of the unit acts like a noise gate and is useful if there are interference noises when the mic is not being used. The back-lit LCD shows the status of each receiving channel, including the current group and frequency, and active antenna. The 6 segment LED meter indicates RF signal strength and audio input levels.

Product Features

- Packed with 5th-generation wireless technology
- Comes with 2 handheld microphones and a 1U rackmount receiver
- LCD shows clear working status
- Digital volume control system light touch button with simple setup
- True diversity receiver technology, tone key squelch circuit to avoid interference
- 160 digital switchable UHF channels
- Digital displays on both microphones and receiver
- Automatic frequency sweep button and infrared frequency sync
- Volume, squelch, and gain controls to get the sound you need
- Up to 10 hours of continuous microphone operation on 2 AA batteries
- 1/4-in. and XLR outputs, as well as another separate XLR channel output
- 2 x rack ears included

Product Specification

UHF Wireless Handheld Microphone Transmitter	
Frequency range	514-542 Mhz , 470 - 490Mhz
Frequency response	60Hz - 16Khz
Form Factor	Handhold with Mic Capsule
Microphone Type	Dynamic or Condenser selectable
Maximum audio input level	0dBv
Output Power	2mW/10mW/30mW
Harmonic Rejection	>50dB
Display	LCD
Size(including microphone head)	250mm x 50 mm Diameter
Weight	340g
Power Requirement	1.5V x 2(AA)
Battery life	>8H/1300mAH

Dual channel UHF wireless rack mount receiver	
Frequency range	514 - 542Mhz , 470 - 490Mhz
Modulation	UHF
Working Range	60-80 Meters
Frequency Response	50Hz - 15Khz(+/-3dB)
Dynamic Range	>105dB
THD	< 0.5%
S/N Ratio	>102dB(A)
RF Sensitivity	< -95dBm
Image Rejection	>60dB
Output Connectors	XLRx2 (individual), XLRx1 (2 in 1 mix) , 1/4"x1 (2 in 1 mix)
Audio Output Level	XLR +10dBV , 1/4" + 8dBV
Impedance	XLR 3KΩ, 1/4" 3KΩ
Pilot Tone	32.768Khz
Display	LCD
Power Requirements	12V/0.5A DC
Working Temperature Range	0°C - 50°C
Dimension	16 x 41 x 4.4 cm
Weight	1800g

