



FI-WP2V

Dual Channel UHF Wireless Vocal Handheld Microphone,
with 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 synchronisation 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.



Features

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
- Automatic frequency selection
- Transmitter battery volume indication
- Infrared data synchronisation
- 2 x rack ears included

Handheld wireless microphone

- Metal body and rubber end structure for increased drop resistance
- LCD screen shows group, channel, battery volume, power, gain, mute status
- RF power adjustment and gain control adjustments
- Infrared data synchronization.

Applications

- This is the ideal mic for most lead vocalists. It's also great for stage situations in which a mic will be passed from person to person.

Specifications

System	
Frequency range and transmitter output level	514-542Mhz
The transmitter RF Power (selectable)	10 - 20 - 30 Mw
Work range on the typical understanding	80meter(240feet)
Notes: The actual scope and RF signal	relate to absorption, reflection
Audio frequency response (+/-3db)	60Hz-16KHz
THD (+/- 30khz excursion, 1khz audio)	<1%
Dynamic range	>90db (A wh)
The work temperature range Notes: Battery characteristics may affect the scope of the limits.	-10° to +50°
Handheld transmitter	
Maximum audio input level	0dBV
SIZE (including a microphone head)	250mm*50mm diameter
Weight	360g(without battery)
Power requested	Two 1.5V "AA" charging battery
Battery life	>10 hours (alkalescence)
Receiver	
Audio output level (reference+/-30KHz-1KHz)	655-679MHz
XLR adaptor (switch in 600Ω)	-12dBV 1/4
inch adaptor (switch in 3000Ω)	-18dBv
Output impedace	XLR adaptor : 200Ω 1/4 inch adaptor : 1kΩ
XLR output	Balance impedance Contact pin 1 : GND Contact pin 2 : (+) Contact pin 3 : (-)
Sensitivity (intermediate frequency demodulator output SNR 30db)	<-90dBm Image Rejection >70dB
Size	44mm*410mm*160mm
Weight	1750g
Power request	12 V DC, switching power supply 500 milliamperes from an external power

