

FI-WP2HL

Dual Channel UHF Wireless bodypack transmitter with headset or Lapel Microphone, with True Diversity Receiver



The FI-WP2HL 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.

Wireless bodypack transmitter with Headset and Lapel Microphone

The Wireless headset and Lapel 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 Wireless bodypack transmitter '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. 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 yacant 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 at clear, even sound between different speakers /

True Diversity Receiver

singers.

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

- 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

- 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 synchronisation.

Application

• This is the ideal mic for most lead vocalists. It's also great for stage drama performance.

Product Specification

Frequency Range 470-489MHz/514-542 MHZ Modulation FM Working Range 328° Optional Frequency 199 Frequency Response 50Hz – 15KHz (s3dB) Dynamic Range 105dB THD <0.5% SIN Ratio 102dB(A) RF Sensitivity <9.95dBm Inage Rejection \$60dB Output Connectors XLRx11/4-inch connector *1 Audio Output Level XLRx160dBV/14-inch connector *3KQ Inpedance XLRx160dBV/14-inch connector *3KQ Plot Tone 32768KHz Operating Temperature Range 12V0.5A DC Operating Temperature Range 32°F + 122°F Owner Requirements 329°F W) x 16.142°(1) x 1,732°(1) Weight 358 lb. F-VPPZHWRELESSBOYPACKTRANSMITERSECTION 35 lb. Fluency Prover 370 lb. Author Office Registrict 370 lb. Fluency Prover 370 lb. Output Power 270 lb. Author Office Registrict 370 lb. Author Office Registrict	FI-WP2HL WIRELESS MICROPHONE RECEIVER SPECIFICATIONS	
Working Range 328' Optional Frequency 192 Frequency Response 50Hz ~ 15KHz (±3dB) Dynamic Range > 105dB 3FN Ratio > 102dB(A) KF Sensitivity < 95dBm	Frequency Range	470~489MHz / 514~542 MHZ
Optional Frequency 192 Frequency Response 50Hz ~ 15KHz (±3dB) Dynamic Range 105dB THD 0.5% SNR Ratio 102dB(A) RF Sensitivity < ~5dBm	Modulation	FM
Frequency Response 50Hz ~ 15KHz (±3dB) Dynamic Range > 105dB THD < 0.5%	Working Range	328'
Dynamic Range > 105dB THD < 0.5%	Optional Frequency	192
THD <0.5%	Frequency Response	50Hz ~ 15KHz (±3dB)
S/N Ratio > 102dB(A) RF Sensitivity < 95dBm	Dynamic Range	> 105dB
RS Sensitivity < -95dBm	THD	< 0.5%
Image Rejection > 600IB Output Connectors XLR×1/1/4-inch connector×1 Audio Output Level XLR: ±10dBV/1/4-inch connector: ±8dBV Impedance XLR: 3KQ/1/4-inch connector: 3KQ Pilot Tone 32.768KHz Display LCD Power Requirements 12V/0.5A DC Operating Temperature Range 32°F - 122°F Dimensions 6.299° (W) x 16.142° (L) x 1.732° (H) Weight 3.858 lb. FI-WP2HLWRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0.736dB Input Impedance 5KQ Output Power 2mW/10mW/30mW Harmonic Rejection 5 50dB Pilot Tone 3.2768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5° x 2.56° x .91"	S/N Ratio	> 102dB(A)
Output Connectors XLR×1/1/4-inch connector×1 Audio Output Level XLR: ±10dBV/1/4-inch connector: ±8dBV Impedance XLR: 3KQ/1/4-inch connector: 3KQ Pilot Tone 32.768KHz Display LCD Power Requirements 12V/0.5A DC Operating Temperature Range 32°F - 122°F Dimensions 6.29° (W) x 16.142° (L) x 1.732° (H) Weight 3.858 lb. FI-WP2HLWRELESS BODYPACKTRANSMITTER SPECIFICXTUSS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KQ Output Power 2mW/10mW/30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life 8H/1300mAH Dimensions 6.5° x 2.56° x .91"	RF Sensitivity	<-95dBm
Audio Output Level XLR: +10dBV/1/4-inch connector: +8dBV Impedance XLR: 3KQ/1/4-inch connector: 3KQ Pilot Tone 32.768KHz Display LCD Power Requirements 12V/0.5A DC Operating Temperature Range 32°F - 122°F Dimensions 6.299° (W) x 16.142° (L) x 1.732° (H) Weight 3.858 lb. FI-WP2HLWIRELESS BODYPACK TRANSMITTER SPECIFICX—VS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KQ Output Power 2mW/10mW/30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5° x 2.56° x .91°	Image Rejection	>60dB
Impedance XLR: 3KΩ / 1/4-inch connector: 3KΩ Pilot Tone 32.768KHz Display LCD Power Requirements 12V/0.5A DC Operating Temperature Range 32°F - 122°F Dimensions 6.299" (W) x 16.142" (L) x 1.732" (H) Weight 3858 lb. FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KΩ Output Power 2mW / 10mW / 30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x, 91"	Output Connectors	XLR×1/1/4-inch connector×1
Pilot Tone 32.768KHz Display LCD Power Requirements 12V/0.5A DC Operating Temperature Range 32°F - 122°F Dimensions 6.299° (W) x 16.142° (L) x 1.732° (H) Weight 3.858 lb. FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KQ Output Power 2mW / 10mW / 30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life 8H/1300mAH Dimensions 6.5" x 2.56" x.91"	Audio Output Level	XLR: +10dBV / 1/4-inch connector: +8dBV
Display LCD Power Requirements 12W/0.5A DC Operating Temperature Range 32°F - 122°F Dimensions 6.29°° (W) x 16.142°° (L) x 1.732° (H) Weight 3.858 lb. FI-WP2HL WRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KΩ Output Power 2mW/ 10mW/30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x.91"	Impedance	XLR: 3 K Ω / 1 /4-inch connector: 3 K Ω
Power Requirements 12V/0.5A DC Operating Temperature Range 32°F - 122°F Dimensions 6.299" (W) x 16.142" (L) x 1.732" (H) Weight 3.858 lb. FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KΩ Output Power 2mW / 10mW / 30mW Harmonic Rejection > 50dB Pilot Tone 32.768 KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life > 8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Pilot Tone	32.768KHz
Operating Temperature Range 32°F - 122°F Dimensions 6.299" (W) x 16.142" (L) x 1.732" (H) Weight 3.858 lb. FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KΩ Output Power 2mW / 10mW / 30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life > 8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Display	LCD
Dimensions 6.299" (W) x 16.142" (L) x 1.732" (H) Weight 3.858 lb. FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KΩ Output Power 2mW / 10mW / 30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Power Requirements	12V/0.5A DC
Weight 3.858 lb. FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KQ Output Power 2mW/10mW/30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Operating Temperature Range	32°F - 122°F
FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KΩ Output Power 2mW / 10mW / 30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Dimensions	6.299" (W) x 16.142" (L) x 1.732" (H)
Gain Adjustment Rangeaudio input level 0/3/6dB Input Impedance 5KΩ Output Power 2mW/10mW/30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Weight	3.858 lb.
Input Impedance 5 KΩ Output Power 2 mW/10mW/30mW Harmonic Rejection > 5 0dB Pilot Tone 32.768 KHz Display LCD Power Requirements 1.5 V × 2(AA) Battery Life > 8 H/1300mAH Dimensions $> 5C, " × 2.56" × .91" $	FI-WP2HL WIRELESS BODYPACK TRANSMITTER SPECIFICATIONS	
Output Power 2mW/10mW/30mW Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Gain Adjustment Rangeaudio input level	0/3/6dB
Harmonic Rejection > 50dB Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Input Impedance	5ΚΩ
Pilot Tone 32.768KHz Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Output Power	2mW / 10mW / 30mW
Display LCD Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Harmonic Rejection	> 50dB
Power Requirements 1.5V x 2(AA) Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Pilot Tone	32.768KHz
Battery Life >8H/1300mAH Dimensions 6.5" x 2.56" x .91"	Display	LCD
Dimensions 6.5" x 2.56" x .91"	Power Requirements	1.5V x 2(AA)
	Battery Life	>8H/1300mAH
Weight 4.59oz	Dimensions	6.5" x 2.56" x .91"
	Weight	4.59oz

