

# Multi Channel Diversity UHF Receiver

## MUHF1012

### Features

- True diversity transmission range : up to 100 meters/300 feet
- Clear VA LCD displays frequency, group, channel and AF/RF levels
- 700 available UHF frequency channels
- Automatically scans & selects available channels
- Preset 8 frequency group containing 12 channels each
- Up to 8-12 systems can be used simultaneously
- Detachable receive antennas for using with professional antenna systems
- Balanced XLR and unbalanced ¼" jack output
- Easy to be installed into a standard 10" rack by rack ears
- One button synchronization function between receiver and transmitter



### Audio Specifications

Carrier Frequency Range	UHF band 520 – 937.5MHz
Oscillator	PLL synthesized
Modulation	FM
Frequency Stability	±0.005%
S/N Ratio	More than 100dB, at 20kHz deviation & 60dBmV antenna input
Maximum Deviation	±48kHz
Image and Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5uV over 70dB S/N ratio
Selectivity	More than 50dB
AF Response	50Hz - 18kHz
T.H.D	More than 1% (at 1kHz)
IF Frequency	1st: 243.95MHz 2nd:10.7MHz
Dynamic Range	More than 100dB
Tone Signal	32.768kHz
Audio Output	Balanced and unbalanced audio outputs

### Other Specifications

Power Supply	12VDC (power supply included)
Current Consumption	Single Channel: about 260mA
Dimensions	7.9" (W) x 1.7" (H) x 7.2" (D)

### Optional Accessories



**MUHFHH2**  
Frequency Selectable  
UHF Handheld  
Microphone



**MUHFPLP**  
Frequency Selectable  
UHF Bodypack  
Microphone

### Receiver Interfaces

Built-in  
Mic/Line Switch



6.3mm  
Audio Output



Squelch



XLR Audio Output



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