

Speco Technologies' UHF 700 frequency-selectable single channel receiver, handheld and lapel microphone transmitters allow the user to select and match desired frequencies on each unit; thus eliminating the need to maintain high inventory levels of similar units with locked frequencies; providing clear, interference-free channels of communication for roaming distances in excess of 200 feet.

Features

- Up to 700 selectable pre-programmed frequencies make it easy to set up multiple system configurations and avoid interference
- Auto-scan function can locate interference-free channels easily
- Diversity technology ensures quality reception
- Integrated charging function saves money and the environment
- Constructed from durable plastic with a ½ rack design
- Squelch adjustment
- Balanced XLR connector and unbalanced ¼" jack audio output
- FCC, CE, RoHS compliant

MUHF100

UHF Frequency-Selectable Single Channel Diversity PLL Receiver

Specifications

- Carrier Frequency Range: UHF band 540~570MHz
- Oscillator: PLL synthesized
- Modulation: FM
- Frequency Stability: $\pm 0.005\%$
- S/N ratio: $> 94\text{dB}$, at 48KHz deviation and 60dBmV antenna input
- Maximum Deviation: $\pm 48\text{KHz}$
- Image and Spurious Rejection: 80 dB minimum
- Receiving Sensitivity: 6 dB μ V.

- Selectivity: $> 50\text{dB}$
- AF Response: 80Hz to 12KHz ($\pm 3\text{dB}$)
- T.H.D.: $< 1\%$ (at 1KHz)
- IF Frequency: 1st: 56MHz 2nd: 10.7MHz
- Dynamic Range: $> 96\text{dB}$
- Tone Signal: 32.768KHz
- Audio Output: Balanced and unbalanced audio outputs
- Power Supply: 12V DC
- Current Consumption: Single Channel: About 150mA



MUHFHH MUHFLL

UHF 700 Frequency-Selectable Handheld Microphone

UHF 700 Frequency-Selectable Lapel Microphone

Specifications

- Carrier Frequency Range: UHF band 540~570MHz
- RF Power Output: 10mW (max.)
- Oscillator: PLL synthesized
- Frequency Stability: $\pm 0.005\%$
- Maximum Deviation: $\pm 48\text{KHz}$

- Spurious Emission: $> 60\text{dB}$ below carrier frequency
- T.H.D.: $< 1\%$ (at 1KHz)
- Microphone Cartridge: (Handheld) uni-directional dynamic or uni-directional electret condenser unit. (Lavalier) uni-directional electret condenser unit
- Operating voltage: DC1.5V x 2 AA size dry or rechargeable batteries
- Current consumption: 120mA (MAX.)



Specifications subject to change

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For more information contact Speco Technologies

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