

UHF 700 Frequency-Selectable Professional Microphone Line

MUHF101 UHF 700 Frequency-selectable single channel true

Features

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. This eliminates the need to maintain high inventory levels of similar units with locked frequencies. They provide clear, interference-free channels of communication for roaming distances in excess of 150 feet.

- 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
- True Diversity technology ensures quality reception
- Constructed from durable plastic with a 1/2 rack design
- Squelch adjustment
- Balanced XLR connector and unbalanced 1/4" jack audio output
- FCC, CE, RoHS compliant



Specifications

Carrier Frequency Range..... UHF band 540 – 570MHz
 Oscillator..... PLL synthesized
 Modulation..... FM
 Frequency Stability..... ±0.005%
 S/N Ratio..... More than 94dB, at 20kHz deviation
 and 60dBmV antenna input
 Maximum Deviation..... ±48kHz
 Image and Spurious Rejection... 80dB minimum
 Receiving Sensitivity..... At 10uV over 80dB S/N ratio
 Selectivity..... More than 50dB

AF Response..... 80Hz – 16kHz (±3dB)
 T.H.D..... More than 1% (at 1kHz)
 IF Frequency..... 1st: 243.95MHz 2nd:10.7MHz
 Dynamic Range..... More than 96dB
 Tone Signal..... 32.768kHz
 Audio Output..... Balanced and unbalanced audio outputs
 Power Supply..... 12VDC (power supply included)
 Current Consumption..... Single Channel: about 260mA
 Dimensions..... 7.9" (W) x 1.7" (H) x 4.8" (D)

MUHFHH UHF 700 Frequency-selectable handheld microphone
MUHFPL UHF 700 Frequency-selectable lapel microphone



Specifications

Carrier Frequency Range.... UHF band 540 – 570MHz
 RF Power Output..... 10mW (max.)
 Oscillator..... PLL synthesized
 Frequency Stability..... ±0.005%
 Maximum Deviation..... ±48kHz
 Spurious Emission..... More than 60dB below carrier frequency
 T.H.D..... More than 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.)

Speco Technologies is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation. Spec Rev. 2/23/22

NDA A
COMPLIANT

*Products are in compliance with NDA A Section 889 Part B Guidelines