

ACT-707SE UHF Single-Channel Diversity Receiver



Main Features

- ACT-707SE is a half-rack receiver in a compact metal casing.
- Bright and easy-to-read LED display shows numeric channel and RF/AF strengths.
- Innovative "Noise" indicator indicates if the receiver is experiencing interference.
- Press the 'SCAN' button and the receiver will auto-scan and lock on to an open, interference-free frequency. Then press the 'ACT' button to automatically upload the receiver frequency to the transmitter.
- Output level and dynamic range are accurately pre-adjusted to equal the microphone capsule's sensitivity, thus ensuring optimal performance of the system.
- Patented and meets worldwide wireless regulations and approvals

Main Specifications

- **Main Frame Size:** EIA standard 1/2-rack unit
- **Channels:** Single-channel
- **Main Frame Construction:** Metal frame, plastic panel
- **Receiver Module:** Fixed
- **Display Status:** LED indicator displays channel and RF/AF metering.
- **Oscillation Mode:** PLL synthesized
- **Stability:** $\pm 0.005\%$ (-10~50°C)
- **Carrier Frequency Range:** UHF 620~950MHz
- **Bandwidth:** 24MHz
- **Frequency Interval:** 125KHz
- **Switchable Frequencies:** 193
- **Preset Frequencies:** Preset 16 interference free frequencies
- **Operation Mode:** Manual operation
- **Frequency Setup:** A simple one-press on the "SCAN" button will automatically scan the full frequency band and lock on a non-interference channel. Then a one-press on the "ACT" button will automatically lock the transmitter into the same working frequency, avoiding possible errors or mechanical breakdowns.
- **Receiving Mode:** Diversity receiving
- **Sensitivity:** 6 dB μ V, at S/N>80dB, 40KHz deviation
- **Max. Deviation Range:** ± 68 KHz, with level limiting
- **S/N Ratio:** >105dB(A)
- **T.H.D.:** <0.5% @ 1KHz
- **Frequency Response:** 50Hz~18KHz ± 3 dB, with high-pass filter
- **Maximum Output Level:** MIC-LEVEL: -20dBV/100 Ω , LINE-LEVEL: -4dBV/5K Ω .
- **Output Connectors:** XLR balanced & 6.3 ϕ phone jack unbalanced. Multi-channel system can switch between separate or mixed output.
- **Audio Output Adjustment:** The world's first wireless system with output level accurately pre-adjusted to equal to the microphone capsule sensitivity and ensure optimal performance.
- **Squelch :** Innovative " PiloTone & NoiseLock" dual-squelch circuit.
- **Squelch Adjustment:** Adjust from front panel
- **Squelch Adjustment Display:** Equip with LED "Noise" Indicator
- **AC Power Supply:** External 90~264VAC switching power supply
- **DC Power Supply:** 0.5A , 12~15VDC
- **Dimension (m/m):** 210(L) \times 44(H) \times 206(D)
- **Weight (kg):** 0.9
- **Matching Transmitter:** Matching to standard / premium models [ACT-707HE](#) / [ACT-707H](#) handheld wireless microphone and [ACT-707TE](#) / [ACT-707T](#) body pack transmitter.
- **Patents & Approvals:** Products carry various patents and comply with telecommunication and safety regulations.
- **Note:** Varied specifications on carrier frequency range and maximum deviation to comply regulation of different countries.

Matching Transmitters / Microphones

<p>ACT-707SE</p> 	+	<p>ACT-707HE  x 1</p>
		<p>ACT-707TE  x 1 + <u>MU-Series Lavalier or Headworn Microphone</u></p>