

ACT-80H Wideband Digital Handheld Transmitter

Key Features

- Innovatively designed housing combines aesthetics and ergonomic style.
- Standard champagne-color housing. Optional custom-made colors are available.
- Patented design of the integrated grille and battery housing make it easy to unscrew the grille to open the battery compartment and install 2 AA or rechargeable batteries.
- The unique flat top multi-layered steel grille for condenser capsules and round top for dynamic capsules protect the capsule against impact, rolling and pop noise. The upper grille is able to be detached easily for cleaning and hygiene practices.
- Patented capsule suspension design virtually eliminates vibration and handling noises.
- Interchangeable capsule module with premium condenser or dynamic options for easy and fast changeovers.
- True condenser capsule exhibits high fidelity, wide dynamic range, fast transient responses, good feedback rejection, accurate sound image characteristics, transparent sound quality, and withstands maximum SPL.
- Backlit LCD displays frequency band, group, channel, battery status, encryption status, RF and audio levels.
- The bottom housing with built-in high-efficiency antenna features power switch, mute and setup buttons for programmable gain, limiter, low cut and RF output power.
- Patented end-cap cover with color-coded channel identification clips. Detach the end-cap cover for parameters set-up. Reversible end-cap allows shielding of power on/off or mute switches during performance.
- Three selectable mute settings: Auto, Manual & Disabled. "Auto" mute activates automatically when handheld transmitter points down towards the ground.
- Three selectable gain settings: 0 dB (same as microphone sensitivity), +3 dB, +6 dB.
- An interference-free channel can be synchronized automatically and quickly without error by stable PLL circuit and MIPRO's patented ACT™ sync function.
- Two selectable transmitter output power settings: HI (high-power) & LOW (low-power)



Microphone Capsules

| | |
|--------------|------------------------------|
| MU-59 | Professional Dynamic Capsule |
| MU-89 | True Condenser Capsule |
| MU-90 | True Condenser Capsule |

Accessories

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|--------------|--|
| MS-20 | Desktop Microphone Tripod |
| MD-20 | Handheld Transmitter Microphone Holder |
| RH-87 | Multi-colored ID Clips |
| TC-18 | Transmitter Shielding Case |

Technical Specifications

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|-------------------|--|
| Frequency Range | 5E: 480~544 MHz (US & EU) 5F: 540~604 MHz (US & EU) 6E: 636~700 MHz (EU) 6F: 696~760 MHz (EU) |
| Oscillation Mode | PLL Synthesized, Frequency Stability $\pm 0.005\%$ (-10~+60 °C) |
| RF Power Output | 10mW/50mW (switchable) |
| Spurious Emission | -60dBc |
| Modulation Type | New Digital Modulation |
| Audio Compression | DSP Inertial Coding |
| Gain Setting | +6dB, +3dB, 0dB (3 settings). 0dB= MU-89 microphone sensitivity |
| Battery | 2 AA alkaline |
| Battery Hours | Up to 12 hours (Low Power) |
| Dimensions | 50(Ø)×258(L)mm / 2(Ø)×10.1(L)" |
| Weight | Approx. 292g / 10.3oz, excluding batteries |



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