

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.
- 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	Supercardioid Dynamic Capsule
MU-80	Supercardioid Condenser Capsule
MU-90	Supercardioid Condenser Capsule

Accessories

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

Technical Specifications

Frequency Range	UHF 480 – 960 MHz (country dependent)
Bandwidth	64 MHz
Channel Set-Up	ACT Sync
RF Output Power	10 mW / 50 mW (switchable)
Spurious Emission	-60 dBc
Oscillation Mode	PLL Synthesized
Frequency Stability	± 0.005% (-10 – +60 °C)
Modulation Type	New digital modulation
Audio Compression	2nd generation DSP Inertial coding
LCD Display	Group, Channel, Frequency, AF gain, Low-cut, Limiter, Encryption status, RF power, Mute mode, Battery status & Error codes
Gain Setting	+6dB, +3dB, 0dB (3 settings). 0dB=microphone sensitivity
Battery Type	2 AA alkaline
Operating Time	Min. 12 hours (Low Power)
Current Consumption	High Power: approx. 125 mA; Low Power: approx. 100 mA
Dimensions (Ø × L)	51 × 258 mm / 2 × 10.1 "
Net Weight	Approx. 323 g / 11.4 oz

