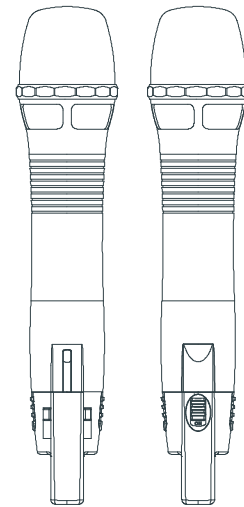


# ACT-80HC Rechargeable Wideband Digital Handheld Transmitter

## Key Features

- Innovatively designed metal housing in MIPRO's distinctive aesthetic and ergonomic style.
- Standard champagne-color housing. Optional custom-made colors are available.
- Powered by a plug-n-play rechargeable lithium battery. Store the microphone in charger for charging when not in use.
- Simply unscrew the grille to open the battery compartment to replace the lithium battery or charge it in the charger.
- Transmitter has high-efficiency circuitry design. The included single rechargeable lithium battery can be easily removed or interchanged for charging. The intelligent battery charger maintains a high charge capacity for up to 600 charge cycles for cost saving and is environmentally friendly.
- Patented capsule suspension design virtually eliminates vibration and handling noises.
- Interchangeable capsule module with premium condenser or dynamic options for easy and fast changeovers.
- Premium condenser capsules exhibit high fidelity, wide dynamic range, fast transient responses, good feedback rejection, accurate sound image characteristics, transparent sound quality and withstand maximum SPL.
- Backlit LCD displays all operational parameter information.
- 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.
- Two selectable transmitter output power settings: HI (high-power) & LOW (low-power).
- Stable PLL circuits. Automatically synchronized with the receiver's frequency by MIPRO's patented ACT™ function.



## Microphone Capsules

<b>MU-59</b>	Supercardioid Dynamic Capsule
<b>MU-80</b>	Supercardioid Condenser Capsule
<b>MU-90</b>	Supercardioid Condenser Capsule

## Accessories

<b>MS-20</b>	Desktop Microphone Tripod
<b>MD-20</b>	Handheld Transmitter Microphone Holder
<b>MP-20</b>	Battery Charger
<b>MP-80</b>	3-in-1 Transmitter Charging Station
<b>RH-87</b>	Multi-colored ID Clips
<b>SW-20</b>	Foam Windscreens
<b>TC-18</b>	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	1 ICR 18500 rechargeable lithium battery
Operating Time	Min. 13 hours
Current Consumption	High Power: approx. 125 mA; Low Power: approx. 100 mA
Dimensions (Ø × L)	51 × 250 mm / 2 × 9.8 "
Net Weight	Approx. 282 g / 9.9 oz



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Specifications subject to change without notice. SS016/01