

# ACT-80R Digital Wireless ENG Receiver

## Key Features

- Industry's most compact and smallest housing. Featuring a lightweight, yet rugged, magnesium & glass-fiber reinforced plastic case for stage applications.
- Backlit LCD screen with superior features and advanced function settings.
- UHF PLL synthesized circuit and dual-antenna true diversity technology for best reception quality.
- Enhanced RF circuitry improves anti-interference characteristics and system compatibility with a 64 MHz-wide bandwidth, allowing more interference-free channels to be selected.
- Full-range sound quality is not affected by the strength of RF signals or operating distance.
- Digitally-processed RF circuitry and DigitnamicPlus™ technology eliminates compander noise, assuring a wireless sound quality that easily rivals cable transmission.
- Proprietary 256-bit encryption provides secure audio transmission, preventing unauthorized listening.
- World's first ACT™ (Automatic Channel Targeting) provides precise and rapid frequency sync to the transmitters.
- Fast and easy menu controls and indicators accessed by three buttons.
- Features are compatible with MIPRO ACT-8 series digital receivers.

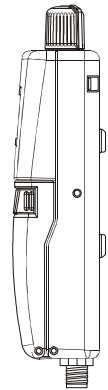
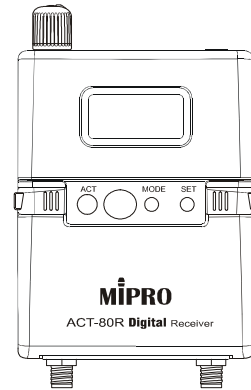
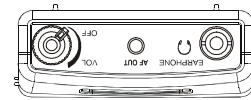


## Transmitters

<b>ACT-80H</b>	Handheld Transmitter
<b>ACT-80HC</b>	Rechargeable Handheld Transmitter
<b>ACT-80T</b>	Bodypack Transmitter
<b>ACT-80TC</b>	Rechargeable Bodypack Transmitter
<b>TA-80</b>	Digital Wireless Plug-on Transmitter

## Technical Specifications

Frequency Range	UHF 470 – 937 MHz (country dependent)
Bandwidth	64 MHz
Preset Frequency	12 non-interference compatible frequencies in group 1-10. 16 non-interference compatible frequencies in group 11-16. . 216 preset frequencies in total.
Channel Grid	25 kHz
Channel Set-up	Scan & ACT sync
Audio Sampling	24-bit / 44.1 kHz
Audio Compression	2nd Generation DSP inertial coding
Latency	< 3 ms
Frequency Response	20 Hz – 20 kHz (-2dB)
S/N Ratio (analog output)	> 108 dB(A)
T.H.D.	< 0.03 % @ 1 kHz
Encryption	256 bit
Oscillation Mode	PLL Synthesized
Frequency stability	±0.005% (-10 – +60°C)
Receiving Mode	Digital diversity
Earphone Output	3.5 mm stereo earphone jack
Earphone Impedance	≥ 16 Ω
Analog Output	3.5 mm minijack
Display	Digital backlit LCD
Battery Type	2 AA alkaline
Operating Time	Approx. 7.5 hours (standby)
Dimensions (W × H × D)	63 × 82 × 23 mm   2.5 × 3.2 × 0.9 "
Weight	Approx. 92 g   3.2 oz
Operating Temperature	-10 – +60°C



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