

ACT-71 Wideband Single-Channel True Diversity Receiver

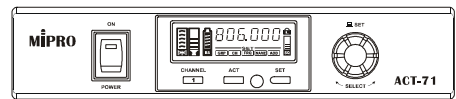
Key Features

- EIA standard 1/2U rack-mountable metal chassis with excellent heat dissipation & RF shielding characteristics.
- UHF PLL-synthesized technology for enhanced RF stability, lowered spurious emissions and increased frequency agility.
- 400 preset channels with 1-set of user-defined group that saves up to 16 channels.
- Industry's first ACT syncs automatically and quickly a working channel.
- Dual "PiloTone & NoiseLock" circuits minimize interference.
- Industry's only full-color VFD screen delivers a bright, clear viewing in day/night environments with automatic lit (Working) and dim (Standby) display during performance.
- All controls are intuitive and easily setup via a single rotary knob.
- Industry's only RF interference warning indicator for properly adjusts the SQ level. Increase sensitivity to extend receiving range; decrease the sensitivity to reduce interference.
- Single channel output or mixed output and switchable three levels for the best sound quality options.
- High dynamic range and high fidelity characteristics for transparent audio performance.
- Receiver provides bias voltage for MIPRO antenna systems to enhance reception range and signal stability.
- MIPRO RCS.Net software allows real-time computer set up, control and monitoring.
- Built-in 100 – 240V AC switching power supply ensures system safety and stability.



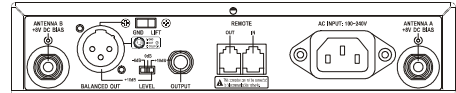
Transmitters & Microphones

ACT-70H	Wideband Handheld Transmitter
ACT-70HC	Rechargeable Wideband Handheld Transmitter
ACT-70T	Wideband Bodypack Transmitter
ACT-70TC	Rechargeable Wideband Bodypack Transmitter



Accessories

ACT-707SD	Receivers PC Management Software
AD-707a	UHF Wideband 4-Channel Antenna Divider
AD-708	Wideband 4-Channel Auto Gain-Control Antenna Divider
AT-70	UHF Ground Plane Antenna
AT-70W AT-70Wa	Wideband Transmitting & Receiving Omni-directional Antenna
AT-90W AT-90Wa	Wideband Transmitting & Receiving Log Antenna
AT-100 AT-100a	Wideband Circularly Polarized Antenna
FB-71	Rack Mount Kit
FBC-71	Rear-to-Front Cables



Technical Specifications

Channel	Single
Chassis	EIA standard 19" 1/2U
Frequency Range	UHF 482 – 698 MHz (US) / UHF 480 – 874 MHz (EU)
Bandwidth	72 MHz
Preset Channels	400 preset channels Group 01 – 10: 16 compatible channels in each group Group 11 – 15: 48 compatible channels in each group Group 16: 16 channels can be saved & recalled (user-defined)
Receiving Mode	True diversity
Oscillation Mode	PLL synthesized
Sensitivity	6 dBµV at S/N > 80 dB
S/N Ratio	> 108 dB(A)
T.H.D.	< 0.5% @ 1 kHz
Frequency Response	50 Hz – 18 kHz, with high-pass filter
Squelch	"PiloTone & NoiseLock" dual-squelch circuit
Audio Output Adjustment	Output level accurately pre-adjusted to equal to the microphone capsule sensitivity.
Max. Output Level	Balanced: +16dBV / 0dBV / -6dBV; Unbalanced: +10dBV / 0dBV / -6dBV
Output Connector	Balanced XLR & Unbalanced 6.3 mm (1/4")
Output Switch	Single channel output
Operation	Manual or PC remote control via optional software
Power Supply	Built-in 100 – 240 AC switching power
Power Consumption	8 W
Dimensions (W × H × D)	210 × 44 × 230 mm / 8.3 × 1.7 × 9"
Net Weight	Approx. 1.4 kg / 3.1 lbs



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