

ACT-74 Wideband Quad-Channel True Diversity Receiver

Key Features

- EIA standard 1U 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 "PilotTone & 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.
- Design and made in Taiwan.



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
AT-70	UHF Ground Plane Antenna
AT-70B	UHF Antenna Signal Booster
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
FBC-71	Rear-to-Front Cables

Technical Specifications

Channel	Quad
Chassis	EIA standard 19" 1U
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	"PilotTone & NoiseLock" dual-squelch circuit
Audio Output Adjustment	Output level accurately pre-adjusted to equal to the microphone capsule sensitivity.
Maximum Output Level	+16dBV / 0dBV / -6dBV
Output Connectors	Balanced XLR
Output Switch	Single channel output or mixed output
Operation	Manual or PC remote control via optional software
Power Supply	Built-in 100 – 240 AC switching power
Power Consumption	24 W
Dimensions (W × H × D)	482 × 44 × 265 mm / 19 × 1.7 × 10.5 "
Weight	Approx. 3.4 kg / 7.5 lbs



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Specifications subject to change without notice. SS016/01