

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

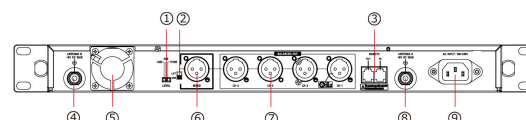
ACT-70H	Wideband Handheld Transmitter
ACT-70T	Wideband Bodypack Transmitter

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	Wideband Transmitting & Receiving Omni-directional Antenna
AT-90W	Wideband Transmitting & Receiving Log Antenna
AT-100	Wideband Circularly Polarized Antenna
FBC-71	Rear-to-Front Cables

Technical Specifications

Channel	Quad
Chassis	EIA standard 19" 1U
Display	Color VFD displays Frequency, Frequency Code, RF & Audio Meters, Transmitter Battery Meter, Diversity Signals, Interference Warning Indicator, Programmable User Name, Group, Channel, Squelch Meter, PC Address and Lock Status.
Frequency Range	UHF 482~698MHz (US) / UHF 482~790MHz (EU)
Bandwidth	72MHz
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	6dBμV, at S/N>80dB
S/N Ratio	>108dB(A)
T.H.D.	<0.5% @ 1kHz
Frequency Response	50Hz~18kHz, 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	Balanced: +16dBV / 0dBV / -6dB; Unbalanced: +10dBV / 0dBV / -6dB
Output Connectors	Balanced XLR
Output Switch	Single channel output
Operation	Manual or PC remote control via optional software
Power Supply	Built-in 100~240V AC Switching Power Supply
Dimensions	482(W) × 44(H) × 265(D) mm / 19(W) × 1.7(H) × 10.5(D)"
Weight	Approximate 3.4kg / 7.5lbs



1. Level Switch
2. Lift/GND Switch
3. Network Interface Connector
4. Antenna B Connector
5. Ventilation Fan
6. Mixed AF Output Jack
7. Balanced Audio Output Jack
8. Antenna A Connector
9. AC Power Socket



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Specifications subject to change without notice. SS013/07