

ACT-72 Wideband Dual-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 "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.
- Design and made in Taiwan.



Transmitters & Microphones

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

Accessories

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| 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

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|-------------------------|---|
| Channel | Dual |
| 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 | "PiloTone & 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 3.0kg / 6.6lbs |



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Specifications subject to change without notice. SS013/07