

## 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.

## ACT-72 Wideband Dual-Channel True Diversity Receiver

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	6dB $\mu$ V, 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 or mixed output
Operation	Manual or PC remote control via optional software
Power Supply	Built-in 100~240V AC Switching Power Supply
Dimensions	482(W) $\times$ 44(H) $\times$ 265(D) mm / 19(W) $\times$ 1.7(H) $\times$ 10.5(D)"
Weight	Approximate 3.0kg / 6.6lbs
Notes	Refer to actual product in the event of product discrepancy. Frequency range and peak deviation comply with the regulations of different countries.

**Transmitters:**



**ACT-70H**



**ACT-70T**