

ACT 747 UHF True Diversity Receiver

- Wide 56 & 72 MHz bandwidth Up to 48 interference-free channel operation per band.
- 192 selectable frequencies in 6 preset groups per band. Select and save 16 user defined presets from up to 2,881 frequencies in User Definable Group 7.
- Four channel receiver.
- Optional Dante version available.
- EIA Standard 19" 1/2 and 1 RU metal housings improve heat dissipation and shielding from spurious interference.
- PLL synthesized RF Technology with low spurious emissions and increased RF stability.
- Fourth generation RF circuitry features improved anti-interference characteristics and increased interference-free channel operation.
- New VFD (vacuum fluorescent display).
- Front panel confidence monitoring
- MIPRO's patented, and now industry standard, "AutoScan" and "ACT" (Automatic Channel Targeting) channel set-up technology.
- Enhanced RF saturated dynamic range decreases interference and THD.
- True Diversity receivers with "PiloTone & NoiseLock" circuits improve reception with less interference.
- RF interference warning indicator.
- All controls are intuitive and easily accessible, enabling quick and easy system set-up via a single rotary switch.
- Switchable output levels.
- MIPRO RCS27 software allows real-time computer set up, control and monitoring.
- Reliable RF and transparent audio performance.

Specifications - System

Frequency Range	UHF 482 - 608 MHz
Preset Frequencies	192 in Band 5UA & 5NU Plus 16 user definable
Compatible Channels	Up to 48 Presets
Receiving Mode	True Diversity
Oscillation Mode	PLL Synthesized
RF Stability	±0.005% (14 to 122°F)
Max Deviation Range	±68KHz, with Level Limiting
S/N Ratio	>105dB (A)
T.H.D.	<0.5% at 1KHz
Frequency Response	50Hz~18KHz

MIPRO ACT 747

Innovation · Reliability · Performance



ACT-747 Quad Channel Receiver

Specifications - Receiver

System	Quad Channel - True Diversity
Sensitivity	6dBµV @ S/N <80dB, 40KHz Dev
Bandwidth	72MHz 5UA—54MHz 5NU
Frequency Range	482 - 608MHz, TV 16 - 36
Display	Vacuum Florescent
Dual Squelch Control	"NoiseLock & PiloTone" Circuit
Peak Deviation	±68KHz
Max Output Level	Unbalanced +10, 0 or -6 dBV Balanced +16, 0 or -6 dBV
Output Connectors	XLR -Discreet XLR & 1/4" Mixed
PC Interface	USB or RS-232 interface, Proprietary MIPRO ACT-BUS
Antenna Input	50Ω Dual TNC Female Connector
Power Supply	100 - 240VAC Switching
Ground Lift	Switchable
Dimensions	420 × 44 × 230 mm (W × H × D)
Weight	2.5 kg
Housing	Metal: 1 RU
Matching Transmitters	ACT-70H/70HC, ACT-70T/70TC

ISO9001 Certified