

ACT 727 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.
- Dual 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

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|---------------------|--|
| 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 727

Innovation · Reliability · Performance



ACT-727 Dual Channel Receiver

Specifications - Receiver

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|-----------------------|--|
| System | Dual 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