ACT-51B Single-Channel Diversity Receiver

Key Features
- EIA standard 1/2U rack-mountable metal chassis.
- All controls are intuitive and easily operated via electronic buttons, preventing accidental operation.
- Full-color VFD (vacuum fluorescent display) displays all pertinent parameters on the same screen. Automatically dims for stand-by and brightens during performance.
- Auto Scan function allows quick search for an interference-free working channel from 48 preset channels under 6 groups.
- World’s first ACT™ function provides precise and rapid frequency sync to the transmitters.
- Advanced diversity technology for optimum reception range reduces signal dropouts and the “PiloTone & NoiseLock” dual-squelch circuits prevent noise interference.
- Three switchable output levels. Output level is accurately pre-adjusted to equal the microphone capsule’s sensitivity, ensuring optimal performance.
- Receiver provides bias voltage for MIPRO antenna systems to enhance reception range and signal stability.
- Stable performance, easy installation and more non-interference channels make the ACT-51B ideal for stage and PA applications.

Transmitters
- ACT-52H Handheld Transmitter
- ACT-52HC Rechargeable Handheld Transmitter
- ACT-52T Bodypack Transmitter
- ACT-52TC Rechargeable Bodypack Transmitter
- ACT-72HC Rechargeable Handheld Transmitter
- ACT-72TC Rechargeable Bodypack Transmitter

Accessories
- AD-707a UHF Wideband 4-Channel Antenna Divider
- AD-708 Wideband 4-Channel Auto Gain-Control Antenna Divider
- AT-70 UHF Ground Plane Antenna
- AT-70Wa Wideband Transmitting & Receiving Omni-directional Antenna
- AT-90Wa Wideband Transmitting & Receiving Log Antenna
- AT-100a Wideband Circularly Polarized Antenna
- FB-71 Rack Mount Kit
- FB-72 Rack Mount Kit
- FBC-71 Rear-to-Front Cables

Technical Specifications
- Frequency Range: UHF 480 – 934MHz
- Bandwidth: 24 MHz
- Preset Frequency: 48 preset channels. Group 1~6: 8 compatible channels in each group.
- Receiving Antenna: Rear Panel. Detachable.
- Oscillation Mode: PLL Synthesized
- Sensitivity: 10 dBµV at S/N > 80 dB
- S/N Ratio: > 105 dB(A)
- T.H.D.: < 0.5% @ 1 kHz
- Frequency Response: 50 Hz – 18 kHz
- Audio Output Adjustment: "PiloTone & NoiseLock" dual-squelch circuit.
- Audio Output Level: Balanced XLR & Unbalanced 6.3 mm (1/4”)
- Power Supply: 12 – 15V DC, 1A
- Dimensions: 210 × 44 × 180 mm / 8.3 × 1.7 × 7.1"
- Net Weight: Approx. 0.7 kg / 1.5 lbs