ACT-312B Dual-Channel Diversity Receiver

Key Features

- All controls are intuitive and easily operated via electronic buttons to prevent accidental operation.
- Industry's only RF interference warning indicator for proper adjustments of the SQ level. Increase sensitivity to extend receiving range; decrease the sensitivity to reduce interference.
- Auto Scan function allows quick search for an interference-free working channel. World's first ACT™ function provides precise and rapid frequency sync to the transmitters.
- Output level is pre-adjusted to equal the microphone capsule’s sensitivity. Switchable output levels for the best sound quality options.
- Receiver provides bias voltage for MIPRO antenna systems to enhance reception range and signal stability.

Transmitters

ACT-33H Handheld Transmitter
ACT-32H Handheld Transmitter
ACT-32HC Rechargeable Handheld Transmitter
ACT-32T Bodypack Transmitter
ACT-32TC Rechargeable Bodypack Transmitter

Accessories

AD-768 Wideband 4-Channel Auto Gain-Control Antenna Divider
AT-70 UHF Ground Plane Antenna
AT-70W / AT-70Ws Wideband Transmitting & Receiving Omni-directional Antenna
AT-90W / AT-90Ws Wideband Transmitting & Receiving Log Antenna
AT-100 / 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 – 934 MHz
Bandwidth 24 MHz

Preset Frequency
- 112 preset channels.
  - Group 1-6: 8 compatible channels in each group.
  - Group 7-10: 16 compatible channels in each group.
  - Group 11: Up to 8 channels can be saved & recalled. 961 user-defined frequencies in group 11.

Receiving Mode Diversity
Receiving Antenna Rear Panel, Detachable.
Oscillation Mode PLL Synthesized
Stability ≤ ±0.005% (-10 - +60°C)
Sensitivity 10 dBµV at S/N > 80 dB
S/N Ratio > 106 dB(A)
T.H.D. < 0.5% @ 1 kHz
Frequency Response 50 Hz – 18 kHz
Squelch "PiloTone & NoiseLock" dual-squelch circuit
Max. Output Level Balanced: 0 dBV; Unbalanced: +10 dBV / 0 dBV
Power Supply 12 – 15 V DC, 1A
Power Consumption 3 W
Dimensions (W × H × D) 210 × 44 × 180 mm | 8.3 x 1.7 x 7.1 ”
Weight Approx. 0.95 kg | 2.1 lbs