ACT-747 Quad-Channel True Diversity Receiver

Key Features

- EIA standard 1U rack-mountable metal receiver.
- Advanced true diversity technology for best reception quality.
- 104 selectable frequencies and 16 preset compatible channels per band. More with multiple bands.
- Industry’s only full-color VFD screen delivers a bright, clear viewing in day/night environments.
- Displays Group, Channel, Frequency, Performer’s Name, transmitter battery level, RF, Audio, SQ level meters, diversity operation, RF interference warning indicator and Lock status.
- One-touch Autoscan for a clear, interference-free frequency.
- One-touch ACT™ syncs the transmitter and receiver frequency automatically.
- Dual “PiloTone & NoiseLock” circuits minimize interference.
- MIPRO RCS.Net software allows real-time computer set up, control and monitoring.
- Industry’s only RF interference warning indicator and control for management.
- Displays all pertinent parameters on the same screen for easy control and monitoring.
- All controls are intuitive and easily setup via a single rotary knob.
- RF, audio and transmitter battery status meters.
- Superb RF reliability and transparent audio performance.
- Receiver provides bias voltage for MIPRO antenna systems.
- 100m (330ft.) operating range.
- 100% made in Taiwan ensures high product quality and value.

Transmitters & Microphones

ACT-7H Handheld Transmitter
ACT-7T Bodypack Transmitter

Accessories

ACT-707SD Receivers PC Management Software
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-70W | AT-70Wa Wideband Transmitting & Receiving Omni-directional Antenna
AT-90W | AT-90Wa Wideband Transmitting & Receiving Log Antenna
AT-100 | AT-100a Wideband Circularly Polarized Antenna
FBC-71 Rear-to-Front Cables

Technical Specifications

Receiver Bandwidth Narrow
Channel Quad
Chassis EIA standard 19” 1U
Frequency Range UHF 480~934MHz
Bandwidth 24MHz
Preset Frequencies 104 selectable channels
Group 1–6 > 8 compatible channels
Group 7–12 > 16 compatible channels
Group 9–10 > 16 compatible channels
Receiving Mode True diversity
Oscillation Mode PLL synthesized
Stability ±0.005% (-10~+60°C)
Sensitivity 6dBµV, at S/N>80dB
S/N Ratio >105dB(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
Squelch Adjustment Rotary Controller
Squelch Display VFD Screen
Power Supply Built-in 100~240V AC Switching Power Supply
Dimensions 482(W) x 44(H) x 265(D) mm | 19(W) x 1.7(H) x 10.5(D)"
Weight Approximate 3.4kg | 7.5lbs