

# 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 7~8 > 12 compatible channels Group 9~10 > 16 compatible channels
Receiving Mode	True diversity
Oscillation Mode	PLL synthesized
Stability	±0.005% (-10~+60℃)
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) × 44(H) × 265(D) mm   19(W) × 1.7(H) × 10.5(D)"
Weight	Approximate 3.4kg   7.5lbs



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