

ACT-515

Single-Channel UHF True Diversity Receiver



Innovative • Reliable • Performance

Industry-leading technology, including AutoScan and patented ACT (Automatic Channel Targeting) channel sync setup, deliver the forward-thinking features that enable our customers to specify and install systems with confidence.

This true diversity system is built to handle tough conditions, delivering superb RF reliability and transparent audio performance in a wide variety of professional venues and applications.

Key Features

- EIA standard 1/2-rack unit design.
- Advanced true diversity technology for best reception quality.
- 961 selectable frequencies and up to 8 preset compatible systems per band.
- 81 selectable frequencies and up to 4 preset compatible systems (CEPT/EU countries).
- Advanced multi-function backlit LCD displays all parameters on the same screen.
- One-touch AutoScan & ACT channel setup technology.
- Industry's only interference "warning" indicator.
- Dual "Pilotone & NoiseLock" circuits minimize interference.
- 100 m (330 ft.) operating range.

Transmitters & Microphones

- **ACT-50H (new)** Handheld Transmitter Mic
- **ACT-70T (new)** Body-pack Transmitter
- **MU-53L/53LS** Uni-directional Lavalier Mic
- **MU-55L/55LS** Omni-directional Lavalier Mic
- **MU-53HN/53HNS** Uni-directional Headset Mic
- **MU-55HN/55HNS** Omni-directional Headset Mic
- **MU-13** Single-sided Earworn Mic
- **MU-23** Omni-directional Headworn Mic
- **MU-210** Uni-directional Headworn Mic

Accessories

- **FB-71** Rack Mount Kit for 1 Half-rack ACT Receiver
- **FBC-71** Rear-to-front Antenna Kit for ACT Receivers
- **FB-72** Rack Mount Kit for 2 Half-rack ACT Receivers
- **AT-70** Extension Antenna
- **AT-70B+MS-10** Antenna Booster with mounting bracket
- **AD-707a (new)** Wideband 4-Channel Antenna Divider System
- **AT-90W (new)** Wideband Dual Directional Antenna

Specifications

RF Frequency Range:	UHF 620~934 MHz
Bandwidth:	24 MHz
Selectable Frequencies:	961 frequencies (81 for EU)
Compatible Systems:	8 per frequency band (4 for EU)
Channel Set-up:	AutoScan & ACT technology
Frequency Response:	50Hz~18KHz
S/N Ratio:	> 106dB(A)
T.H.D.:	< 0.5% @ 1KHz
Max. Output level:	
Unbalanced:	+10dBV / 0dBV
Balanced:	+16dBV / 0dBV
Sensitivity:	S/N > 80dB @ 6 dB μ V input
Stability:	\pm 0.005% (-10~50°C)
Dimensions:	210(W) x 44(H) x 180(D) mm 8.3(W) x 1.7(H) x 7.1(D) "
Weight:	0.85 kg / 1.87 lbs

Specifications subject to change without notice

ACT-50H

Handheld Transmitter Microphone



ACT-50H has a patented built-in antenna design for outstanding transmission efficiency. Featuring a LCD screen, proprietary lockable silent on/off switch and extremely low handling noise. Rugged, lightweight construction built for professional use with superb RF transmission reliability.

Key Features

- Rugged, ergonomically designed metal housing.
- ACT™ syncs the transmitter and receiver frequency automatically.
- Extremely low handling noise.
- Hardened steel grille resists wear and abuse.
- Built-in foam reduces pop, breath and wind noise.
- Pilotone squelch for interference-free operation.
- Lockable silent on/off switch.
- 4-segment battery status meter.
- LCD displays group, channel & error message code.
- 20-hour battery life per 2 'AA' alkaline batteries.
- Optional multi-colored identification rings.
- 100 m (330 ft.) operating range.
- 100% made in Taiwan.

Technical Specifications

RF Frequency Range:	UHF 620~934 MHz
RF Output Power:	10~30mW (according to local regulations)
Housing:	Metal housing
Spurious Emissions:	<-55dBc
Peak Deviation:	±68KHz
Maximum Input Level:	140 dB SPL
Battery Type:	AA x 2 (1.5-Volt)
Battery Life:	20 hours (Alkaline)
Dimensions:	50(Φ) x 240(L) mm 2.0(Φ) x 9.4(L)"
Net Weight:	Approx. 346 g / 12.2 oz

Microphone Capsules

- **MU-39b** Dynamic Capsule, Super Cardioid
- **MU-79b** Condenser Capsule, Cardioid
- **MU-89b** True Condenser Capsule, Cardioid

Accessories

- **RH-77a** Multi-colored rings (10 pieces)
- **MD-20** Microphone Clip
- **MS-20** Desktop Microphone Tripod



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