

ACT-52 Dual-Channel Diversity Receiver

Key Features

- EIA standard 1/2U rack-mountable metal chassis for personal use.
- All controls are intuitive and easily operating via electronic buttons, preventing accidental operation.
- Full-color VFD (vacuum fluorescent display) displays all pertinent parameters on the same screen. Automatic dim for stand-by and lit during performance.
- Each receiver presets 6 groups, and each group presets 8 interference-free channels. A total of 48 preset channels per band.
- World's first ACT™ function provides precise and rapid frequency sync to the transmitters.
- Advanced diversity receiving circuit for the best elimination of signal dropout and the "PiloTone & NoiseLock" dual-squelch circuits prevent noise interference.
- Three switchable output levels. Output level is accurately pre-adjusted to equal to the microphone capsule sensitivity and ensures optimal performance
- Receiver provides bias for booster where MIPRO antenna systems can be added for extended receiving range and stability
- Stable performance, easy installation and more non-interference channels ideal for stage and PA applications.



Transmitters

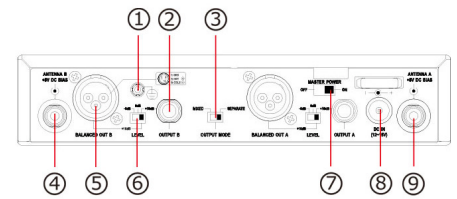
ACT-50H	Handheld Transmitter
ACT-50T	Bodypack Transmitter

Accessories

AD-707a	UHF Wideband 4-Channel Antenna Divider
AT-70	UHF Ground Plane Antenna
AT-70B	UHF Antenna Signal Booster
AT-70W	Wideband Transmitting & Receiving Omni-directional Antenna
AT-90W	Wideband Transmitting & Receiving Log Antenna
AT-100	Wideband Circularly Polarized Antenna
FB-71	Rack Mount Kit
FBC-71	Rear-to-Front Cables

Technical Specifications

Channel	Dual
Chassis	EIA-Standard 19" 1/2U
Frequency Range	UHF 480~934MHz
Antenna	Rear Panel. Detachable.
Preset Frequency	48 selectable channels. 8 compatible channels in Group 1~6.
Receiving Mode	Diversity
Oscillation Mode	PLL Synthesized, Frequency Stability ± 0.005% (-10~+60)
Sensitivity	10dBμV, at S/N>80dB
S/N Ratio	> 105dB(A)
T.H.D.	< 0.5% @ 1kHz
Frequency Response	50Hz~18kHz
Squelch	"PiloTone & NoiseLock" dual-squelch circuit.
Audio Output Adjustment	Output level accurately pre-adjusted to equal to the microphone capsule sensitivity.
Maximum Output Level	3-level Switch: +10dBV / 0dBV / -6dBV
Power Supply	External 100-240V AC Switching Power Supply.
Dimensions	210(W)× 44(H)× 200(D)mm / 8.3(W)×1.7(H)×7.9(D)"
Weight	Approx. 0.9kg / 2.0lbs



1. GND Connector
2. Unbalanced Audio Output Jack
3. Balanced and Unbalanced Output Switch
4. Antenna B Connector
5. Balanced Audio Output Jack
6. Level Switch
7. Auto Power On/Off Switch
8. DC Input Jack
9. Antenna A Connector



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