



3B Series Wireless Microphone Systems

ACT 3B-Series UHF Diversity Receivers

- Third generation ACT technology
- Single and dual channel systems
- EIA standard 1/2-rack unit design
- Metal receiver housing
- Diversity technology for optimum reception
- 961 selectable frequencies per band
- 120 presets (8 user definable)
- Up to 16 interference-free channels per band
- Multi-function auto-dimming backlit LCD display
- One-touch AutoScan & ACT channel setup
- Industry's only interference warning indicator
- Dual "Pilotone & NoiseLock" circuits
- 100 m (330 ft.) operating range (line-of-sight)

ACT 3B Series Wireless ship as complete systems in five configurations:

- ACT-311B/ACT-32H
half rack 311 single receiver with 30H handheld transmitter
- ACT-311B/ACT-32T
half rack 311 single receiver with 30T body pack transmitter and MU53LX cardioid lavalier
- ACT-312B/ACT-32H2
half rack 312 dual receiver with two 30H handheld transmitters
- ACT-312B/ACT-32T2
half rack 312 dual receiver with two 30T body pack transmitters and two MU53LX cardioid lavaliers
- ACT312B/ACT-32H&T
half rack 312 receiver with 30H handheld transmitter and 30T body pack transmitter and MU53LX cardioid lavalier

Specifications - Transmitters

RF Frequency Range	UHF 542~590 & 904~928 MHz
Frequency Band	Three bands of 24 MHz each
RF Output Power	ACT-30T: 10~30 m (switchable) ACT-30H: 30mW
Housing	High Impact Plastic
Capsules	30H: MU79b Cardioid Condenser 30T: MU53LX Cardioid Condenser
Max Input Level	30H: 140dB SPL MU53LX: 142dB SPL
Spurious	<-55dBc
Battery Type	AA x 2 (Alkaline recommended)
Battery Life	Up to 20 hours (Alkaline)
Dimensions	30H: 2.0(Φ)x8.6(L)" 30T: 2.5(W) x 3.2(H) x 0.9(D)"
Net Weight	30H: 8.68 oz (excluding batteries) 30T: 2.9oz (excluding batteries)

MIPRO ACT 3B-Series

Innovation · Reliability · Performance



ACT-311B and ACT312B Systems

Additional transmitters, microphones and accessories sold separately

Specifications - Receivers

Systems	Single and Dual half rack
Oscillation Mode	PLL synthesized
Sensitivity	S/N > 80dB@10 dBμV input
Bandwidth	24MHz per band (3 Bands, 72MHz total)
Frequency Range	UHF 542~590 & 904~928 MHz
Display	Auto-Dimming Backlit Green LCD
Dual Squelch Control	"NoiseLock & PiloTone" Circuitry
Peak Deviation	±68KHz
S/N Ratio	>106dB(A)
T.H.D.	<0.5% @ 1KHz
Frequency Response	50Hz~18KHz
Output Level	Mic/Line, Balanced or Unbalanced
Output Connectors	XLR and 1/4" Phone
Antenna Input	50Ω Dual TNC Female Connector
Power Supply	External 12~15V DC, 1A
Dimensions	8.3(W) x 1.7(H) x 7.1(D)"
Weight	311: 1.76 lbs. 312: 2.09 lbs.
Housing	Metal: 1/2 RU
Transmitters	ACT-30H or ACT-30T w/ Cardioid Lav



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