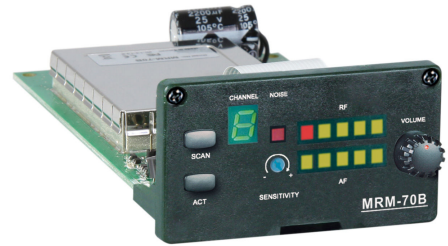


# MRM-70B Single-Channel Diversity Receiver Module

## Key Features

- Advanced diversity technology for optimum reception quality.
- Preset with 16 auto-scannable frequencies.
- One-touch Scan for a clear, interference-free frequency.
- One-touch ACT™ syncs the transmitter and receiver frequency automatically.
- Interference warning indicator.
- "Sensitivity" adjuster can be adjusted to minimize interference.
- Easy-to-read LED channel display.
- 5-segment RF and Audio meters.
- Dual "PilotTone & NoiseLock" circuits minimize interference.
- Modularized design allows easy installation and replacement.
- When installed, master level control enables volume be wirelessly controlled by an ACT-32HR transmitter microphone instead of a separate remote. (MA-708 & MA-808 portables)



## Transmitters

ACT-32H	Handheld Transmitter
ACT-32HC	Rechargeable Handheld Transmitter
ACT-32HR	Remote Volume Control Handheld Transmitter (MA-708 & MA-808 only)
ACT-32T	Bodypack Transmitter
ACT-32TC	Rechargeable Bodypack Transmitter

## Related Products

MA-505	Portable Wireless PA System
MA-705	Portable Wireless PA System
MA-707	Portable Wireless PA System
MA-708	Portable Wireless PA System
MA-808	Portable Wireless PA System

## Technical Specifications

Frequency Range	UHF 480 – 934 MHz
Bandwidth	24 MHz
Preset channels	16
Channel Set-up	Scan & ACT Sync
Receiving Mode	CPU-controlled diversity receiving
Oscillation Mode	PLL Synthesized. Frequency stability $\leq \pm 0.005\%$ (-10°C – +60°C)
Deviation	< $\pm 40$ kHz
Sensitivity	10 dB $\mu$ V at S/N > 80 dB
S/N Ratio	> 100 dBA
T.H.D.	< 0.5% @ 1 kHz (Dev.=32 kHz)
Frequency Response	60 Hz – 15 kHz (Overall system)
Squelch	"PilotTone & NoiseLock" dual-squelch circuits
Spurious Emissions	< 82 dB
Audio Output	610 mV rms
Power Supply	12 – 15 V DC
Current Consumption	< 250 mA
Dimensions (W × H × D)	75 × 35 × 141 mm / 3.0 × 1.4 × 5.6 "
Weight	Approx. 126 g / 4.4 oz
Operating Temperature	-10°C – +60°C



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