

# MR-823 Dual-Channel Diversity Receiver

## Key Features

- CPU diversity technology ensures stable signal quality and avoids signal drop-out.
- PLL synthesized fixed frequency circuit for stability and effortless frequency setup.
- RF and audio level LED indicators.
- Adjustable 'SQ' for increased or decreased sensitivity level for increased reception range or interference management.
- Output level is accurately pre-adjusted to equal the microphone capsule sensitivity and ensures optimal performance.

## Transmitters

MH-80	Handheld Transmitter
MT-801	Bodypack Transmitter

## Accessories

FB-72	Rack Mount Kit
FBC-71	Rear-to-Front Cables

## Technical Specifications

Chassis	EIA Standard 19" 1U metal chassis
Frequency Range	UHF 480 ~ 934 MHz (country dependent)
Receiving Mode	Diversity receiving
Receiving Antenna	Rear Panel. Detachable.
Oscillation Mode	PLL Synthesized fixed-frequency
Stability	$\leq \pm 0.005\%$ (-10 - +60°C)
Deviation	$< \pm 40$ kHz
Sensitivity	10 dB $\mu$ V at S/N > 80 dB
S/N Ratio	> 106 dB(A)
T.H.D.	< 0.5% @ 1 kHz
Frequency Response	50 Hz ~ 18 kHz
Squelch	"PiloTone & NoiseLock" dual-squelch circuit
Max. Output Level	3-level Switch: +10 dB / 0 dB / -6 dB
Power Supply	12 ~ 15V DC, 1A
Power Consumption	6 W
Dimensions (W x H x D)	420 x 44 x 204 mm   16.5 x 1.7 x 8"
Weight	Approx. 1.7 kg   3.7 lbs



### MIPRO Electronics Co., Ltd

Headquarters: 814 Pei-kang Road, Chiayi, 60096, Taiwan  
Tel: +886.5.238.0809 | Fax: +886.5.238.0803  
www.mipro.com.tw | mipro@mipro.com.tw