### **MIPRO PRODUCTS**

# **MR-818 Single-Channel True Diversity Receiver**



#### Features:

- EIA Standard 19" metal housings improve heat dissipation and shielding from spurious interference.
- Single-channel true diversity receiver.
- PLL synthesized fixed frequency circuit for stability and effortless frequency setup.
- Advanced true diversity technology ensures optimal reception range and eliminates signal drop-outs.
- RF and audio level indicators.
- Output level is accurately pre-adjusted to equal to the microphone capsule sensitivity and ensures optimal performance.
- Adjustable 'SQ' for increased or decreased sensitivity level for increased reception range or interference management.
- Industry's only RF interference warning indicator for SQ adjustment.
- Up to 24 compatible channels can be used simultaneously at the same venue (country dependent).
- New MH-80 handheld transmitter features sturdy housing, high-efficiency transmitting circuit, and brilliant sound quality.
- Quick to install and easy to operate with high reliability and affordability.
- Ideal for entry-level stage and PA applications.

# MR-818 Single-Channel True Diversity Receiver

## Specifications:

ChanelSingleChassisEA standard 1° 1/2UReceiving ModeTrue DiversityFrequency RangeUHF 780~930ME2AntennaRear Panel. Detachable.Oscillation ModePLL Synthesized Fixed-FrequencyStability4.005% (10~60°C)Sensitivity0.06B/Q (10~60°C)Strikty0.06B/Q (10~60°C)Frequency Response0.06B/Q (10~60°C)Frequency Response0.960 (14KE2Frequency Response0.960 (14KE2SquelchNoiseLock" squelch circuitAudio Output Adjustment0.961 KH2Frequency Response0.962 (14KE2)Maim Output LevelNoiseLock" squelch circuitPower SupplyLevel Switch: Line & MicMinensions0.10(W)×44(H)×180(D)mm / 8.3(W)×1.7(H)×7.10)"Matching TransmittersMH-80, MT-801aNoteSpecifications on carrier frequency and maximum deviation arongNoteSpecifications on carrier frequency and maximum deviation arong		
Receiving Mode     True Diversity       Frequency Range     UHF 780~930MHz       Antenna     Rear Panel. Detachable.       Oscillation Mode     PLL Synthesized Fixed-Frequency       Stability     ±0.005% (-10~60°C)       Sensitivity     10dBµV @ S/N>80dB       S/N Ratio     >106dB(A)       T.H.D.     <0.5% @ 1KHz	Channel	Single
Frequency RangeUHF 780~930MHzAntennaRear Panel. Detachable.Oscillation ModePLL Synthesized Fixed-FrequencyStability±0.005% (-10~60°C)Sensitivity10dBµV @ S/N>80dBS/N Ratio>106dB(A)T.H.D.<0.5% @ 1KHz	Chassis	EIA standard 19" 1/2U
AntennaRear Panel. Detachable.Oscillation ModePLL Synthesized Fixed-FrequencyStability±0.005% (-10~60°C)Sensitivity10dBµV @ S/N>80dBS/N Ratio>106dB(A)T.H.D.<0.5% @ 1KHz	Receiving Mode	True Diversity
Oscillation Mode   PLL Synthesized Fixed-Frequency     Stability   ±0.005% (-10~60°C)     Sensitivity   10dBµV @ S/N>80dB     SYn Ratio   >10dBµV @ S/N>80dB     S/N Ratio   >10dBdB(A)     T.H.D.   <0.5% @ 1KHz	Frequency Range	UHF 780~930MHz
Stability±0.005% (-10~60°C)Sensitivity10dBµV @ S/N>80dBS/N Ratio>106dB(A)T.H.D.<0.5% @ 1KHz	Antenna	Rear Panel. Detachable.
Sensitivity10dBµV @ S/N>80dBS/N Ratio>106dB(A)T.H.D.<0.5% @ 1KHz	Oscillation Mode	PLL Synthesized Fixed-Frequency
S/N Ratio>106dB(A)T.H.D.<0.5% @ 1KHz	Stability	±0.005% (-10~60°C)
T.H.D.<0.5% @ 1KHz	Sensitivity	10dBµV @ S/N>80dB
Frequency Response50Hz~18KHzSquelch"NoiseLock" squelch circuitAudio Output AdjustmentOutput level accurately pre-adjusted to equal to the microphone capsule sensitivityMaximum Output Level2-Level Switch: Line & MicPower SupplyExternal AC Adapter, 12~15V DC, 1ADimensions210(W)×44(H)×180(D)mm / 8.3(W)×1.7(H)×7.1(D)"Weight0.8kg / 1.7lbsMatching TransmittersMH-80, MT-801aNoteSpecifications on carrier frequency range and maximum deviation vary	S/N Ratio	>106dB(A)
Squelch"NoiseLock" squelch circuitAudio Output AdjustmentOutput level accurately pre-adjusted to equal to the microphone capsule sensitivityMaximum Output Level2-Level Switch: Line & MicPower SupplyExternal AC Adapter, 12~15V DC, 1ADimensions210(W)×44(H)×180(D)mm / 8.3(W)×1.7(H)×7.1(D)"Weight0.8kg / 1.7lbsMatching TransmittersMH-80, MT-801aNoteSpecifications on carrier frequency range and maximum deviation vary	T.H.D.	<0.5% @ 1KHz
Audio Output AdjustmentOutput level accurately pre-adjusted to equal to the microphone capsule sensitivityMaximum Output Level2-Level Switch: Line & MicPower SupplyExternal AC Adapter, 12~15V DC, 1ADimensions210(W)×44(H)×180(D)mm / 8.3(W)×1.7(H)×7.1(D)"Weight0.8kg / 1.7lbsMatching TransmittersMH-80, MT-801aNoteSpecifications on carrier frequency range and maximum deviation vary	Frequency Response	50Hz~18KHz
Audio Output AdjustmentsensitivityMaximum Output Level2-Level Switch: Line & MicPower SupplyExternal AC Adapter, 12~15V DC, 1ADimensions210(W)×44(H)×180(D)mm / 8.3(W)×1.7(H)×7.1(D)"Weight0.8kg / 1.7lbsMatching TransmittersMH-80, MT-801aNoteSpecifications on carrier frequency range and maximum deviation vary	Squelch	"NoiseLock" squelch circuit
Power Supply External AC Adapter, 12~15V DC, 1A   Dimensions 210(W)×44(H)×180(D)mm / 8.3(W)x1.7(H)x7.1(D)"   Weight 0.8kg / 1.7lbs   Matching Transmitters MH-80, MT-801a   Note Specifications on carrier frequency range and maximum deviation vary	Audio Output Adjustment	
Dimensions 210(W)×44(H)×180(D)mm / 8.3(W)×1.7(H)×7.1(D)"   Weight 0.8kg / 1.7lbs   Matching Transmitters MH-80, MT-801a   Note Specifications on carrier frequency range and maximum deviation vary	Maximum Output Level	2-Level Switch: Line & Mic
Weight   0.8kg / 1.7lbs     Matching Transmitters   MH-80, MT-801a     Note   Specifications on carrier frequency range and maximum deviation vary	Power Supply	External AC Adapter, 12~15V DC, 1A
Matching Transmitters MH-80, MT-801a   Note Specifications on carrier frequency range and maximum deviation vary	Dimensions	210(W)×44(H)×180(D)mm / 8.3(W)x1.7(H)x7.1(D)"
Note Specifications on carrier frequency range and maximum deviation vary	Weight	0.8kg / 1.7lbs
	Matching Transmitters	<u>MH-80, MT-801a</u>

## Matching Transmitters



### Accessories





MT-801a

