MR-818 Single-Channel Diversity Receiver

Key Features



- EIA standard 1/2U metal rack-mountable 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 the microphone capsule sensitivity and ensures optimal performance.
- Adjustable 'SQ' for increasing or decreasing 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.

Transmitters

MH-80	Handheld Transmitter
MT-801	Bodypack Transmitter

Accessories

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

Technical Specifications

Frequency Range	UHF 480 – 934 MHz (country dependent)
Receiving Mode	True Diversity
Receiving Antenna	Rear Panel. Detachable.
Oscillation Mode	PLL Synthesized
Stability	≦ ±0.005% (-10 - +60℃)
Sensitivity	8 dBμV 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	2-level Switch: Line & Mic
Power Supply	12 – 15V DC, 1A
Power Consumption	4.5 W
Dimensions (W × H × D)	210 × 44 × 180 mm / 8.3 x 1.7 x 7.1 "
Weight	Approx. 0.8 kg / 1.8 lbs

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Specifications subject to change without notice. SS016/05

MH-80 Handheld Transmitter

Key Features

- Fixed frequency with PLL synthesized technology ensures no need for frequency setup.
- Innovatively designed housing combines aesthetics and ergonomic style.
- Unique sturdy multi-layered steel grilles protect the capsule against impact, anti-roll and pop noise. Interior grille with fine metal mesh instead of sponge foam minimizes pop & breath noises and ensures transparent sound clarity.
- Patented, integrated grille and battery housing design enable fast and easy 2 AA battery installation and replacement.
- Sturdy housing with color-coded channel identification rings.
- Low-battery warning indicator also determines battery freshness.
- Patented lockable, silent on/off switch.
- Proprietary quality condenser capsule exhibits high fidelity, wide dynamic range, transparent sound quality, and withstands maximum SPL.
- Up to 24 hours of continuous operation with 2 AA alkaline batteries.

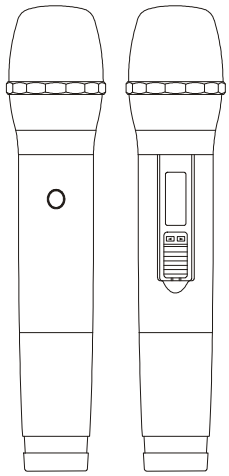


Microphone Capsules

MU-39b	Professional Dynamic Capsule
MU-78b	Condenser Capsule

Accessories

MS-20	Desktop Microphone Tripod
MD-20	Handheld Transmitter Microphone Holder
RH-77a	Multi-colored ID rings
SW-20	Multi-colored Foam Windscreens



Technical Specifications

Housing	Plastic
Frequency Range	UHF 480 – 934 MHz (country dependent)
Oscillation Mode	PLL Synthesized fixed-frequency
RF Output Power	10 – 30 mW (country dependent)
Spurious Emissions	< -55 dBc
Max. Input Level	140 dB SPL
Display	LED indicator for power on/off and low battery status
Battery Type	2 AA alkaline
Operating Time	Min. 17 hours
Dimensions (Ø × L)	51 × 234 mm / 2 × 9.2 "
Net Weight	Approx. 199 g / 7 oz

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MT-801 Bodypack Transmitter

Key Features

- Lightweight, compact size with sturdy plastic housing.
- Fixed frequency with PLL synthesized technology ensures no need for frequency setup.
- High dynamic range modulation circuit sustains high SPL without distortion.
- Mini-XLR input with secure screw lock connector for lavaliere / headworn mics and guitar.
- High-efficiency circuitry design provides more than 17 hours of operation from 2 AA batteries (depending on the battery quality).



Microphones

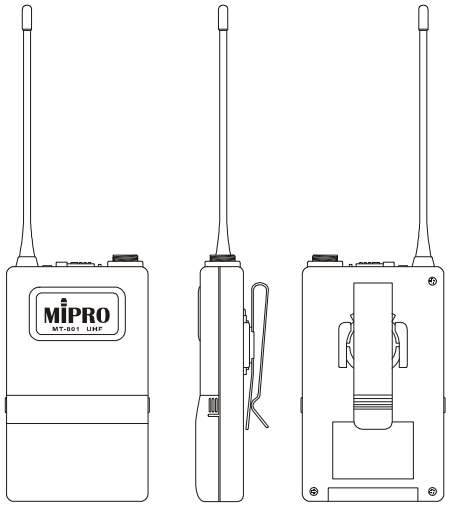
MU-13	Single-sided Earworn Microphone (beige)
MU-23	Omni-directional Headworn Microphone (beige, fixed connector)
MU-23d	Omni-directional Headworn Microphone (beige, detachable cont)
MU-210	Uni-directional Headworn Microphone (beige, fixed connector)
MU-210d	Uni-directional Headworn Microphone (beige, detachable cont.)
MU-53L | MU-53LS	Uni-directional Lavalier Microphone (black | beige)
MU-55L | MU-55LS	Omni-directional Lavalier Microphone (black | beige)
MU-53HN | MU-53HNS	Uni-directional Headworn Microphone (black | beige)
MU-55HN | MU-55HNS	Omni-directional Headworn Microphone (black | beige)

Accessories

ASP-10	Neoprene Sports Pouch
MU-40G	Instrument Cable
TC-18	Transmitter Shielding Case

Technical Specifications

Frequency Range	UHF 480 – 934 MHz (country dependent)
Oscillation Mode	PLL Synthesized fixed-frequency
RF Output Power	10 – 30 mW (country dependent)
Spurious Emissions	< -55 dBc
Max. Input Level	0 dBV
Display	LED indicator for power on/off and low battery status.
Battery Type	2 AA alkaline
Operating Time	Min. 17 hours
Current Consumption	Approx. 84 mA
Dimensions (W × H × D)	63 × 105 × 21 mm / 2.5 × 4.1 × 0.8 "
Net Weight	Approx. 75 g / 2.6 oz



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MU-53HN Uni-Directional Headworn Microphones

Key Features



- Uni-directional pick-up pattern.
- Visually unobtrusive and comfortable to wear.
- Flexible and durable frame with comfortable, soft ear hooks which require no adjustment for optimum comfort.
- Interchangeable MU-53M uni-directional capsule module and MU-55M subminiature waterproof omni-directional capsule module.
- Featuring a high dynamic range and able to withstand a maximum SPL without distortion.
- Capsule module and cable are easily detached from the frame and can be worn on the left or right side of the frame to suit personal preferences.
- The very thin capsule-shaft mount is fully rotatable.
- The capsule-shaft allows for adjustments in length, direction and angle for precise and optimum capsule positioning in relation to the speakers mouth.
- Patented, swiveling earhook design allows for inward rotation, facilitating easy storage, packaging and carriage.
- Available in black and beige colors.
- Flexible gooseneck.
- Supplied as standard with MIPRO's mini XLR plug.
- Features a smooth, warm, natural sound.
- Fold-flat design for easy storage.

Technical Specifications

Capsule	Ø 10 mm uni-directional cardioid condenser microphone
Frequency Response	50 Hz – 18 kHz ± 3 dB
Capsule Impedance	200 Ω
Sensitivity	-46 dBV ± 3 dBV / Pa (0 dB = 1 V / Pa)
Maximum SPL	125dB (typical, 1%T.H.D.)
Capsule-shaft holder	Dual - left and right side
Plug	4-pin mini-XLR plug or TA4F
Color	Black or Beige color
Cable Length	150 cm / 59.1"
Weight	30 g / 1.1 oz

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