MX 02-L | 2 Channel - Wireless Microphone System - Lavalier Microphone
MX 04-L | 4 Channel - Wireless Microphone System - Lavalier Microphone
MX 08-L | 8 Channel - Wireless Microphone System - Lavalier Microphone

The MX-L Series provides a discreet wireless solution for environments where clear communication and mobility are essential to safety and operations. Equipped with lavalier microphones and compact bodypack transmitters, this series is ideal for control centers, training rooms, and multi-purpose public facilities. Available in 2, 4, or 8-channel configurations, it runs on the UHF band with DPLL technology, offering stable, interference-free audio across 200 selectable channels. Auto-channel tracking and system lock features ensure uninterrupted operation, while XLR and 6.3mm outputs enable smooth integration into any PAVA system. With an 80-meter operating distance, the MX-L Series supports reliable, hands-free communication in demanding public spaces.

- Lavalier microphone for discreet wireless communication in dynamic public environments.
- Available in 2, 4, or 8-channel configurations for scalable PAVA system integration.
- Unidirectional lavalier microphone with -40.5dB ±2dB sensitivity, 20Hz–18kHz frequency response.
- ≤59dB SNR with ≥2.2kΩ output impedance and 1m cable length.
- Bodypack transmitter: UHF 640.250–690MHz with PLL frequency synthesis technology.
- 200 selectable channels with DPLL technology for stable, interference-free operation.
- ±45kHz maximum deviation, <45dBm harmonic radiation above main wave.
- 10mW/40mW RF power output with 3-pin mini XLR socket input.
- 2×AAA battery with ~11 hours battery life, 110mA typical current consumption.
- Auto-channel tracking and system lock for uninterrupted hands-free communication.
- 84×66×23mm bodypack dimensions, ~155g weight (without battery); 80-meter operating distance.
- Flexible XLR and 6.3mm outputs for seamless PAVA system integration.
- Ideal for control centers, training rooms, and multi-purpose public facilities.

2 Units

MX 02-L

4 Units

MX 04-L

8 Units

MX 08-L

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Technical Specification (MX Receiver)

	MX 02-L	MX 04-L	MX 08-L
Operating Frequency	UHF 640.250MHz-690MHz (usable frequencies depend on local regulations e.g 800-850MHz)		
Modulation Mode	Wideband FM		
Channel Count	200		
Frequency Stability	±0.005%		
Dynamic Range	100dB		
Deviation	±45kHz		
Signal-to-Noise Ratio	>105dB		
Total Harmonic Distortion	<=0.5%		
Operating Distance	80m (ideal conditions)		
Operating Temperature	-10°C~+50°C		
Receiver Type	Dual Conversion Superheterodyne		
Intermediate Frequency	1st IF: 110MHz, 2nd IF: 10.7MHz		
Antenna Input	2 x BNC / 50Ω	4 x BNC / 50Ω	8 x BNC / 50Ω
Sensitivity	12dB V (80dB S/N)		
Sensitivity Adjustment Range	12-32dB V		
Spurious Suppression	=>75dB		
Audio Output Level	+10dBV		
Audio Output Connectors	2 x XLR balanced, 6.3mm unbalanced	4 x XLR balanced, 6.3mm unbalanced	8 x XLR balanced, 6.3mm unbalanced
Power Supply	220VAC/50-60Hz, 12VDC/1A		
Operating Current	DC 12V, 330mA		
Weight	Approx. 1.4Kg	Approx. 1.8Kg	Approx. 2.3Kg

Technical Specification (Lavalier & Headset Microphone)

	MX 02-L / MX 04-L / MX 08-L
Microphone Type	Lavalier Microphone
Color	Black
Pickup Pattern	Unidirectional
Sensitivity	-40.5dB±2dB
Output Impedance	<=2.2K Ω
Signal-to-Noise Ratio	=>59dB
Microphone Size	Dia. 4.0 X 1.5mm
Frequency Response	20Hz~18KHz
Supply Voltage	2~10V.DC
Cable Length	1m
Body Pack Transmitter	
Carrier Frequency Range	UHF 640.250MHz~690MHz
Oscillation Mode	PLL Frequency Synthesis Technology
Harmonic Radiation	Less than 45dBm above main wave
Maximum Deviation	±45KHz
Input Socket	3-pin mini XLR socket
RF Power Output	10MW/40MW
Battery	AAx2
Current Consumption	110mA (typical)
Battery Life	Approx. 11 hours
Dimensions (mm)	84 (H) x 66 (W) x 23 (D)
Weight (without battery)	Approx. 155g