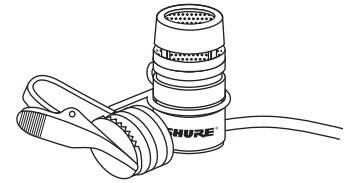


MX183, MX184, MX185 Lavalier Microphones

Attached to a tie or lapel, Microflex Lavalier Microphones offer freedom of movement to any situation involving voice reproduction. As stylish as they are convenient, Lavaliers are available in different directional patterns, come with multiple clip options, and are compatible with all Shure wireless platforms.

Specifications

Type	Condenser (electret bias)
Frequency Response	50 Hz – 17 kHz
Polar Pattern	MX183: Omnidirectional MX184: Supercardioid MX185: Cardioid
Output Impedance	EIA rated at 150 Ω (170 Ω actual)
Sensitivity (at 1 kHz, open circuit voltage; 1 Pascal = 94 dB SPL; all settings -12 dB at 0 gain)	MX183: -27.5 dB (42.2 mV) MX184: -33.5 dB (21.1 mV) MX185: -35.4 dB (17.0 mV)
Maximum SPL (1 kHz at 1% THD, 1 k Ω load; all settings +6 dB at 0 gain)	MX183: 116.7 dB MX184: 122.7 dB MX185: 124.2 dB
Equivalent Output Noise A-weighted	MX183: 20.5 dB MX184: 26.5 dB MX185: 28.0 dB
Signal-to-Noise Ratio referenced at 94 dB SPL at 1 kHz	MX183: 73.5 dB MX184: 67.5 dB MX185: 66.0 dB
Dynamic Range 1 k Ω load at 1 kHz	96.2 dB 100 dB at 0 gain (internal modification)
Common Mode Rejection 10 Hz to 100 kHz	45 dB minimum
Polarity	Positive sound pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output XLR connector.
Environmental Conditions	Operating temperature range: -18° – 57° C Storage temperature range: -29° – 74° C
Power Requirements	11 – 52 Vdc phantom, 2.0 mA
Cable	Shielded 1.2 m cable terminated with a 4-pin female mini connector (TA4F)



MX183/ MX184/ MX185
Lavalier microphone

Available Models

MX183	Omnidirectional, includes belt-clip preamp, rotatable tie clip, dual tie clip, snap-fit windscreen
MX184	Supercardioid, includes belt-clip preamp, rotatable tie clip, dual tie clip, snap-fit windscreen
MX185	Cardioid, includes belt-clip preamp, rotatable tie clip, dual tie clip, snap-fit windscreen

MX183, MX184, MX185 Lavalier Microphones

Furnished Accessories

26A13	Zipper bag	RK183T1	Tie clip
RK261BWS	Foam windscreen	RK183T2	Dual tie clip
RK183WS	Snap-fit windscreen	RK100PK	In-line preamp
80A67	Hex wrench #4		

Optional Accessories and Replacement Parts

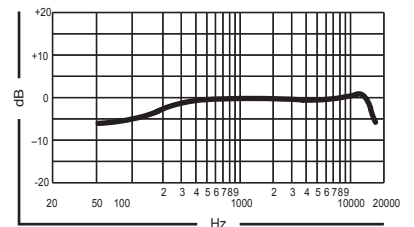
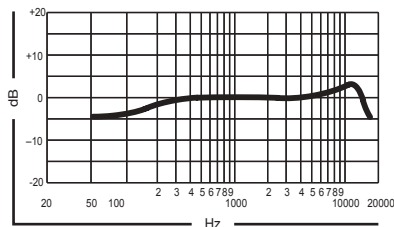
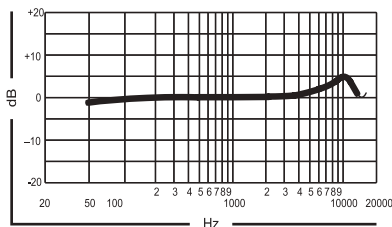
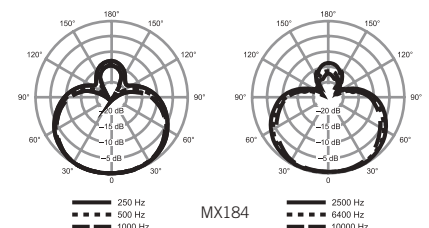
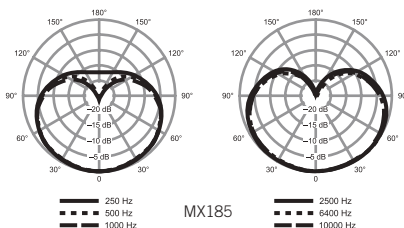
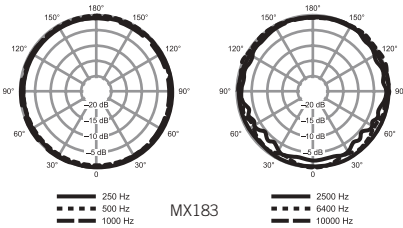
R183B	Omnidirectional cartridge for all Microflex models	R184B	Supercardioid cartridge for all Microflex models	R185B	Cardioid cartridge for all Microflex models
MX1BP	Battery powered preamp	53A2133A	Belt clip for in-line preamp	WA333	4-pin female mini connector (TA4F)
C133	Replacement cable, Microphone to preamp				

Architectural Specifications

MX183 – The microphone shall be black electret condenser lavalier microphone with an omnidirectional polar pattern, in-line belt-clip preamp, and 1.2 m cable that terminates with a 4-pin miniature (TA4F) connector. The microphone shall be resistant to RF interference from portable mobile and handheld devices. The frequency response shall be 50 Hz to 17 kHz and the sensitivity shall be 42.4 mV/Pa.

MX184 – The microphone shall be a black electret condenser lavalier microphone with a supercardioid polar pattern, in-line belt-clip preamp, and 1.2 m cable that terminates with a 4-pin miniature (TA4F) connector. The microphone shall be resistant to RF interference from portable mobile and handheld devices. The frequency response shall be 50 Hz to 17 kHz and the sensitivity shall be 21.1 mV/Pa.

MX185 – The microphone shall be a black electret condenser lavalier microphone with a cardioid polar pattern, in-line belt-clip preamp, and 1.2 m cable that terminates with a 4-pin miniature (TA4F) connector. The microphone shall be resistant to RF interference from portable mobile and handheld devices. The frequency response shall be 50 Hz to 17 kHz and the sensitivity shall be 17.0 mV/Pa.



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