

MX202 OVERHEAD MICROPHONES

Easily hung from ceilings, Microflex Overhead Microphones capture sound from speakers, choirs, stages, and more conveniently and unobtrusively from above. Compact and flexible, overhead microphones each feature a 10 cm (4") gooseneck, multiple preamp options for easy installation into ceilings or microphone stands, and versatile condenser cartridges for accurate sound reproduction in any setting.

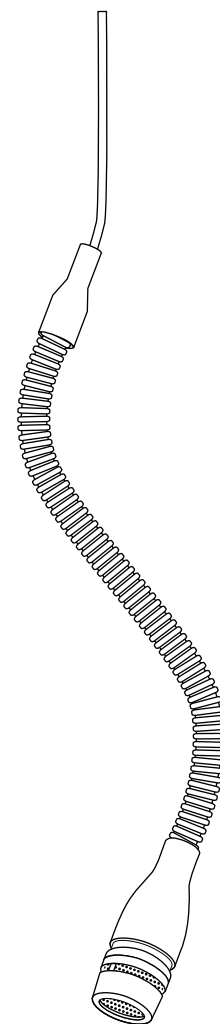
Specifications

Type	Condenser (electret bias)
Frequency Response	50 Hz – 17 kHz
Polar Pattern	MX202/C: Cardioid MX202/O: Omnidirectional MX202/S: Supercardioid MX202/MS Lobar mini-shotgun
Output Impedance	150 Ω rated at EIA (180 Ω actual)
Sensitivity (at 1 kHz, open circuit voltage; 1 Pascal = 94 dB SPL)	Cardioid: -35.0 dBV/Pa (17.8 mV) Supercardioid: -33.5 dBV/Pa (21.1 mV) Omnidirectional: -27.5 dBV/Pa (42.2 mV) Lobar: -33 dBV/Pa (22 mV)a
Maximum SPL (1 kHz at 1% THD, 1 kΩ load; All values +6 dB at 0 gain)	Cardioid: 124.2 dB Supercardioid: 122.7 dB Omnidirectional: 116.7 dB Lobar: 121 dB SPL
Equivalent Output Noise A-weighted	Cardioid: 28.0 dB SPL Supercardioid: 26.5 dB SPL Omnidirectional: 20.5 dB SPL Lobar: 36 dB
Signal to Noise Ratio (referenced at 94 dB SPL)	Cardioid: 66.0 dB Supercardioid: 67.5 dB Omnidirectional: 73.5 dB Lobar: 68 dB
Dynamic Range 1 kΩ 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
Preamplifier Output Clipping Level 1% THD	-6 dBV (0.5 V)
Polarity	Positive sound pressure on diaphragm produces positive voltage on pin 2 relative to pin 3 of output connector.
Power Requirements	11 – 52 Vdc phantom, 2.0 mA
Environmental Requirements	Operating temperature range: -18° C – 57° C Relative humidity: 0 – 95%

Available Models

The polar pattern of the cartridge is indicated by the model number suffix: C = Cardioid, S = Supercardioid, N = No Cartridge, MS = Lobar

MX202B/C, /S, /N, /MS	Black mini-condenser microphone; includes cable, in-line preamplifier, and stand adapter
MX202W-A/C, /S, /N, /MS	Bright white mini-condenser microphone; includes cable, in-line preamplifier, and stand adapter
MX202BP/C, /S, /N, /MS	Black mini-condenser microphone; includes cable and plate-mounted preamplifier
MX202WP-A/C, /S, /N, /MS	Bright white mini-condenser microphone; includes cable and plate-mounted preamplifier



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Furnished Accessories

RK183WS (Black) 95B2064 (White)	Black snap-fit foam windscreen White snap-fit foam windscreen	65B1752	Stand adapter (MX202B)
RK202PK	Preamplifier kit, plate mounted, White (MX202BP & MX202WP)	RK100PK/ RK100PKW	In-line preamplifier (MX202W & MX202B)
80A476	Clamp (MX202B & MX202WP)	80B489	Hang clip
A189BWS	Black snap fit windscreen for R189	A189WWS	Bright white snap fit windscreen for R189

Optional Accessories and Replacement Parts

A202BB	Desk stand	R183B (Black) R183W-A (White)	Omnidirectional cartridge for all Microflex models
80A479	Strain relief (MX202BP & MX202WP)	R184B (Black) R184W-A (White)	Supercardioid cartridge for all Microflex models
A57F	Stativ adapter (MX202B)	R185B (Black) R185-A (White)	Cardioid cartridge for all Microflex models
R189B	(Black) mini-shotgun cartridge for all Microflex Models	R189W	(White) mini-shotgun cartridge for all Microflex Models

