



MV 220

½" microphone preamplifier

for prepolarized microphones

- XLR
- microphone power supply: P 48
- capsule polarization voltage
none
- 20 Hz to 100 kHz
- max. output voltage: 5 V

Delivery	Typ	Order-No.
Microphone preamplifier, satin nickel, in weather protected case	MV 220	311213
Options and Accessories	Typ	Order-No.
Microphone holder ½", turnable	MH 64	302332
Microphone holder ½", with Clip	MH 64.2	302352
Microphone holder ½"	MH 21	302351
Adapter for 1" microphone to ½" preamplifier	A 63.1	302302
Adapter for ¼" microphone to ½" preamplifier	A 67	302305
Angle adapter for ½" microphone to ½" preamplifier	WA 20	302334
Dehumidifier adapter ½"	TA 202 L	302349
Measurement capacitor ½"	K 65	302307
XLR cable, 10 m	C 70.1	202212
XLR cable, RFI shielded, 10 m	C 70.1 HF	302213

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Current consumption		4 mA
Frequency range	-0.6 dB	20 Hz to 100 kHz
Gain, 1 kHz	$R_L = 1\text{ k}\Omega$	-1.07 dB
	$R_L = 1\text{ k}\Omega, C = 22\text{ pF}$	-1.54 dB
Input impedance		10 G Ω ; <0.4 pF
Output impedance		$\leq 100\ \Omega$
Max. output voltage		$\geq 5.0\text{ V}_{\text{rms}}$
Inherent noise, $R_L = 1\text{ k}\Omega, C = 22\text{ pF}$	A-weighted	$\leq 1.3\ \mu\text{V}_{\text{rms}}$
	linear	$\leq 3.0\ \mu\text{V}_{\text{rms}}$
Temperature range, operation		-10°C to +50°C
Temperature range, storage		-20°C to +70°C
Humidity limits	non condensing	r.H. $\leq 90\%$
Connector		XLR-3M
Thread	for microphone	11.7 mm 60 UNS
Diameter		12.7 mm
Length		111 mm
Weight		240 g

frequency response with $C = 22\text{ pF}$ for various loads

