

MV 210

½" microphone preamplifier

for prepolarized microphones



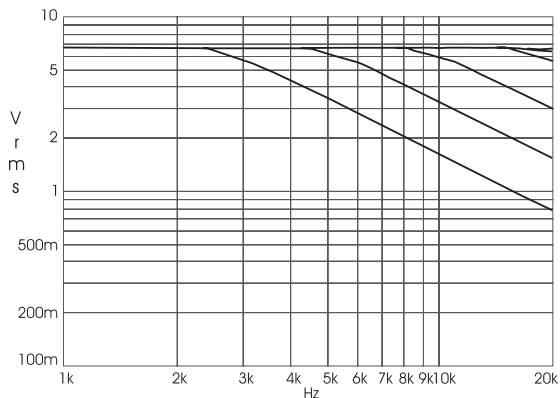
- IEPE (BNC)
- microphone power supply: IEPE
- capsule polarization voltage
none
- 1 Hz to 1 MHz
- max. output voltage: 6.5 V
- TEDS acc. IEEE 1451

| Delivery | Typ | Order-No. |
|---|----------|-----------|
| Microphone preamplifier, stainless steel, in weather protected case | MV 210 | 311212 |
| 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 |
| BNC cable, 2 m | BNC.02 | 302219 |
| BNC cable, 5 m | BNC.05 | 302220 |
| BNC cable, 10 m | BNC.1 | 302221 |
| BNC cable, 20 m | BNC.2 | 302222 |
| Cable reel, BNC, 50 m | BNC.5 T | 312208 |
| Cable reel, BNC, 100 m | BNC.10 T | 312209 |
| Cable reel, BNC, 200 m | BNC.20 T | 312210 |

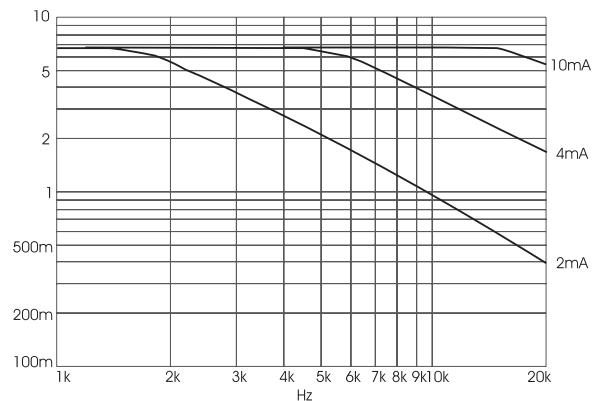
MV 210



| | | |
|------------------------------|--------------------|------------------------|
| Current consumption | 2 mA to 10 mA | |
| Power supply | 24 V DC to 30 V DC | |
| Frequency range, C = 22 pF | ±0.1 dB | 20 Hz to 100 kHz |
| | ±0.5 dB | 1 Hz to 1 MHz |
| Gain, 1 kHz | C = 1 nF | -0.07 dB |
| | C = 22 pF | -0.55 dB |
| Input impedance | 10 GΩ; <0.4 pF | |
| Output impedance | ≤100 Ω | |
| Max. output voltage | 24 V IEPE supply | ≥6.5 V _{rms} |
| Inherent noise, C = 22 pF | A-weighted | ≤1.5 μV _{rms} |
| | linear | ≤3.8 μV _{rms} |
| Temperature range, operation | -10°C to +50°C | |
| Temperature range, storage | -20°C to +70°C | |
| Humidity limits | non condensing | r.H. ≤ 90 % |
| Connector | BNC | |
| Thread | for microphone | 11.7 mm 60 UNS |
| Diameter | 12.7 mm | |
| Length | 85 mm | |
| Weight | 38 g | |
| Microphone identify memory | IEEE 1451.4 | 256-Bit 1-Wire™ EEPROM |



MM 210 I = 3,7 mA; U_i = 24 V
 Maximale Ausgangsspannung für verschiedene Kabellängen
 Maximum output voltage for various cable length



MM 210 100 m Kabel; U_i = 24 V
 Maximale Ausgangsspannung für verschiedene Speiseströme
 Maximum output voltage for various currents