

Hands-Free for ICOM Mobile Radios

DESCRIPTION

- Amplifier for Hands-free microphone specially designed for ICOM.
- Fits all ICOM mobile radios with Modular-8 microphone connector.
- Complete with Modular-8 cable for direct connection to the microphone connector.
- 2 pcs. 3.5 mm jacks for microphone and external PTT switch.
- Fits electret condenser hands-free microphones like DM 6600 F or DM 8300 F.
- Field-adjustable gain.
- Available in 2 versions:
  - DM 1010, gain 10 - 40 dB
  - DM 1010-20dB, gain 3-20 dB
- EMC-protected.
- Powered from the microphone phantom voltage.



ORDERING

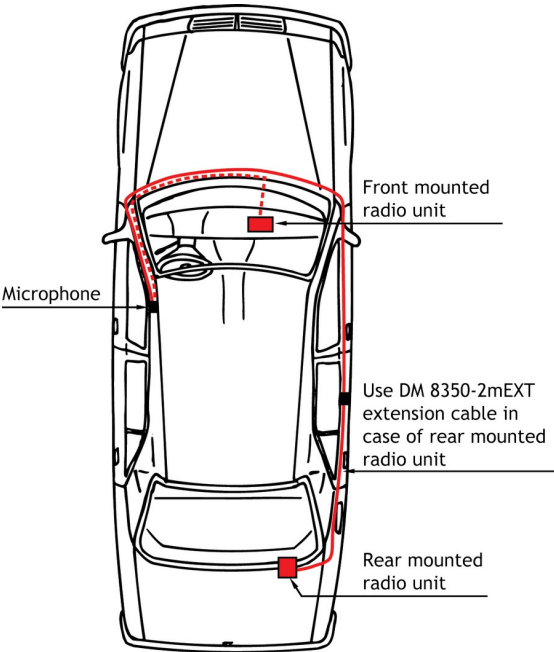
Type	Product No.
DM 1010	270000072
DM 1010-20dB	270000115

SPECIFICATIONS

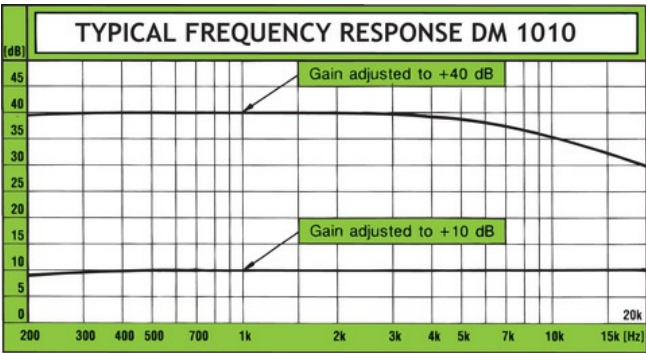
Electrical	
Model	DM 1010
Type	Hands-free microphone with amplifier
Amp. Gain	DM 1010 : Nominally 30 dB, Adjustable 10 → 40 dB (± 3 dB) at 1 kHz DM1010-20dB : Nominally 10 dB, Adjustable 3 → 20 dB (± 3 dB) at 1 kHz
Impedance	600 Ω
Frequency Response	0.2+/-17 kHz (Shown in diagram below)
Power Supply	8 VDC (from the radio)
Current Consumption	Approx. 2 mA
Mechanical	
Cartridge Type	Electret
Connection(s)	Modular 8 plug and 3.5 mm jacks
Materials	ABS
Cable	1-wire with 2 Modular 8 plugs
Dimensions	30(H) x +50(W) x +50(L) mm
Environmental	
Operating Temperature Range	-30 °C to +70 °C Storage: -40 °C to +80 °C

ADDITIONAL DATA

MOUNTING DETAILS



TYPICAL RESPONSE CURVES



WIRE DIAGRAM

