

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, optimized for low-output microphones like DM 8300 F.
 - DM 1010-20 dB, gain 3 - 20 dB, optimized for high-output microphones like DM 6600 F.
- EMC-protected.
- Powered from the microphone phantom voltage.



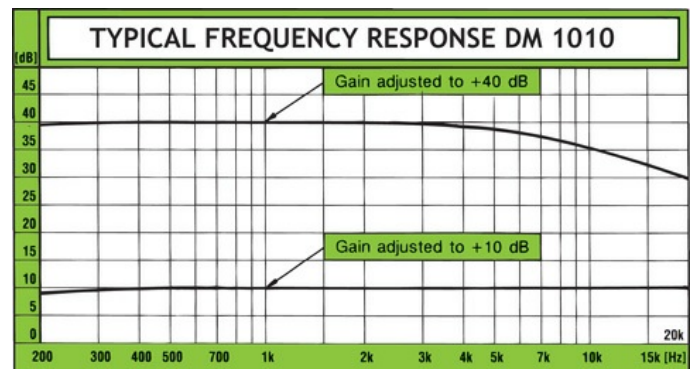
SPECIFICATIONS

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 DM1010-20 dB : 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 V DC (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 x 50 x 50 mm / 1.18 x 1.97 x 1.97 in.
Environmental	
Operating temperature range	-30 °C to +70 °C
Storage Temperature Range	-40 °C to +80 °C

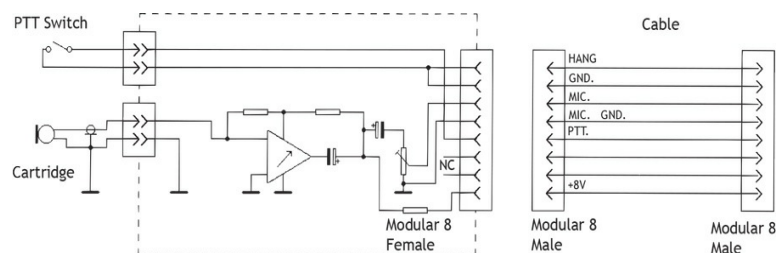
ORDERING

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

TYPICAL RESPONSE CURVE



WIRE DIAGRAM



EU AND UK DECLARATION OF CONFORMITY

Hereby Amphenol Procom declare that the product type DM 1010 is in compliance with EU Directive 2014/30/EU and the UK Electromagnetic Compatibility 2016 (S.I. 2016 No. 1091).
The full text of the Declaration of Conformity is available at:

<http://amphenolprocom.com/images/shop/catalog/pdf-for-catalogues/Declaration-of-Conformity-DM1010.pdf>

