

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.
- \sum Complete with Modular-8 cable for direct connection to the microphone connector.
- > 2 pcs. 3.5 mm jacks for microphone and external PTT switch.
- \sum 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.

SPECIFICATIONS

Electrical

Powered from the microphone phantom voltage.





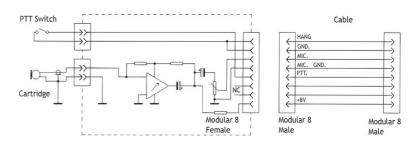
ORDERING

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

TYPICAL RESPONSE CURVE

	TYPICAL	. FRE	QUE	NCY RE	SPO	NS	E D	M 1	010	
45				Gain ad	justed	to +	40 d	в		
40										
35										
30										
25										
20										_
15		\square		Gain ad	justed	to +	10 d	В	11	
10					_	_				_
5		+++			_	-	-		+	
0			11							20k
200	300 400 500	700	1k	2k	3k	4k	5k	7k	10k	15k [Hz]

WIRE DIAGRAM



Eloothodi						
Model	DM 1010					
Туре	Hands-free microphone with amplifier					
Amp. Gain	DM 1010 : Nominally 30 dB, Adjustable $10 \rightarrow 40 \text{ dB} (\pm 3 \text{ dB}) \text{ at } 1 \text{ kHz}$ DM1010-20 dB : Nominally 10 dB, Adjustable 3 \rightarrow 20 dB (± 3 dB) at 1 kHz 600 Ω					
Impedance						
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



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-catalouges/Declaration-of-Conformity-DM1010.pdf



