

General-purpose Hands-Free Microphone with Amplifier

DESCRIPTION

- Hands-Free microphone for use in vehicles.
- Very small for discreet installation.
- Mounts easily on door edging, roof, sun visors, steering column or dash board.
- Gain adjustable over a range of 30 dB gives optimum sensitivity "match" to the majority of all PMR and cellular radiotelephones.
- Simple direction adjustment.
- EMC-protected.
- Power supply from radiotelephone or hands-free kit.
- Excellent sound quality at a competitive price.



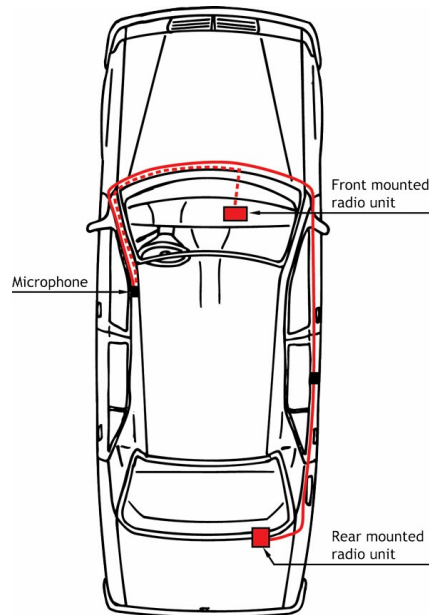
SPECIFICATIONS

Electrical	
Model	DM 8350 F
Type	Hands-free microphone with amplifier
Pattern Type	Non-directional
Impedance	1 k Ω
Frequency Response	0.2 \pm 7 kHz (Shown in diagram below)
Power Supply	5 - 15 V DC (To be supplied from radiotelephone or handsfree kit (Phantom-supply via the microphone cable)) Specifications given @ 10 V DC
Current Consumption	Approx. 2 mA
Sensitivity	Adjustable -35 \pm 5 dB (\pm 3 dB) at 1 kHz rel. 1 V/Pa
Mechanical	
Cartridge Type	Electret
Connection(s)	Microphone part : 3.5 mm dia. plug at cable end Amplifier part : 3.5 mm dia. jack in housing Cable end unterminated
Materials	Microphone part : ABS Amplifier part : POM
Cable	Microphone part : 4 m 1-wire with shield Amplifier part : 0.3 m 1-wire with shield
Dimensions	Microphone part : 20 x 20 x 21 mm / 0.79 x 0.79 x 0.83 in. Amplifier part : 12 x 59 mm / 0.47 x 2.32 in.
Weight	Microphone part : Approx. 60 g Amplifier part : Approx. 12 g
Environmental	
Operating temperature range	-30 $^{\circ}$ C to +70 $^{\circ}$ C
Storage temperature range	-40 $^{\circ}$ C to +80 $^{\circ}$ C

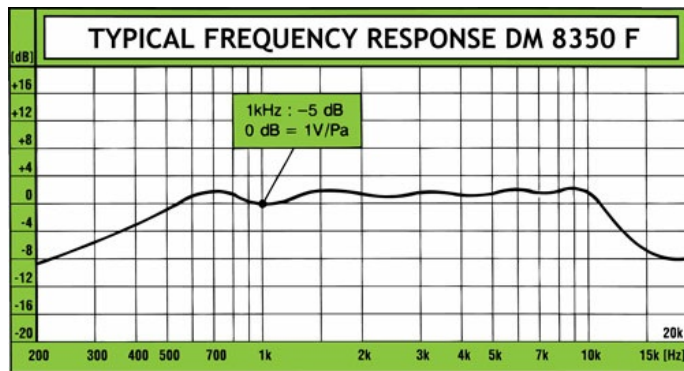
ORDERING

Model	Product No.
DM 8350 F	270000037

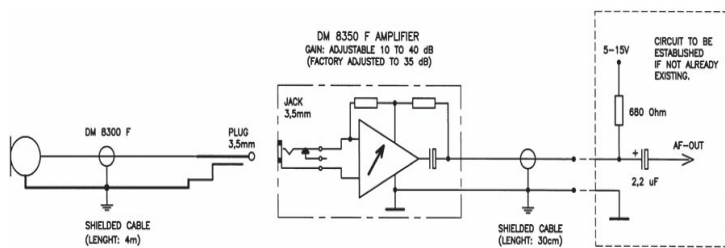
MOUNTING DETAILS



TYPICAL RESPONSE CURVE



FUNKTIONAL DIAGRAM



EU AND UK DECLARATION OF CONFORMITY

Hereby Amphenol Procom declare that the product type DM 8350 F 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:

<https://amphenolprocom.com/images/shop/catalog/pdf-for-catalogues/Declaration-of-Conformity-DM8350F.pdf>