

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.

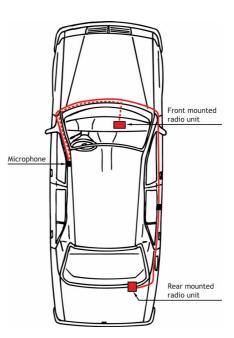


ORDERING

SPECIFICATIONS

ModelDM 8350 FTypeHands-free microphone with amplifierPattern TypeNon-directionalImpedance1 kΩFrequency Response0.2 ± 7 kHz (Shown in diagram below)Power Supply5 - 15 V DC (To be supplied from radiotelephone or handsfree kit (Phantom-supply via the microphone cable)) Specifications given @ 10 V DCCurrent ConsumptionApprox. 2 mASensitivityAdjustable -35 ± 5 dB (± 3 dB) at 1 kHz rel. 1 V/PaMechanicalCartridge TypeConnection(s)ElectretMaterialsMicrophone part : 3.5 mm dia. plug at cable end unterminatedMaterialsMicrophone part : ABS Amplifier part : 0.3 m 1-wire with shield Amplifier part : 0.3 m 1-wire with shieldDimensionsMicrophone part : 20 × 20 × 21 mm / 0.79 × 0.79 × 0.83 in. Amplifier part : 12 × 59 mm / 0.47 x 2.32 in.WeightMicrophone part : Approx. 60 g Amplifier part : Approx. 12 gEnvironmentalOperating temperature range-30 °C to +70 °C Storage temperature range-30 °C to +80 °C	Electrical	
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Cartridge TypeElectretConnection(s)Microphone part : 3.5 mm dia. plug at cable end Amplifier part : 3.5 mm dia. jack in housing 	Sensitivity	
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Operating temperature range -30 °C to +70 °C	Weight	
	Environmental	
Storage temperature range -40 °C to +80 °C	Operating temperature range	-30 °C to +70 °C
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Model	Product No.
DM 8350 F	270000037
MOUNTING DETAILS	

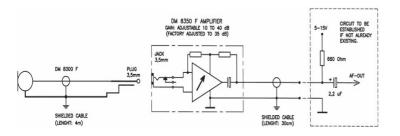




TYPICAL RESPONSE CURVE

TYPIC	AL FR	QUENC	Y RE	SPO	NS	ED	M 8	350	F
6									
2		1kHz : -5 dB							
-8		0 dB = 1 V/Pa	a						
4									
0			-	-	-	-		5	
4									
-8									X
12									
16									
20									20
200 300 400	500 700	1k	2k	3k	4k	5k	7k	10k	15k [H

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-catalouges/Declaration-of-Conformity-DM8350F.pdf



