

# DM 8350

General-purpose Microphone Amplifier with Adjustable Gain

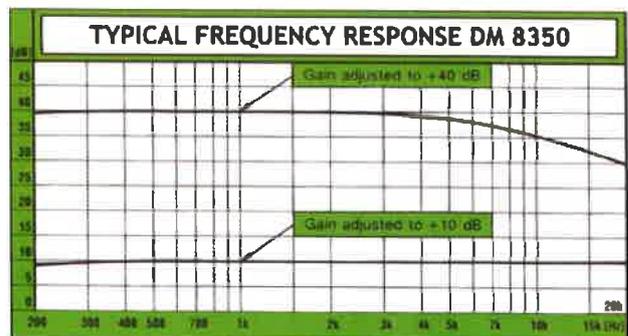
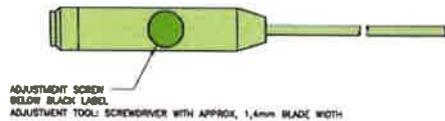
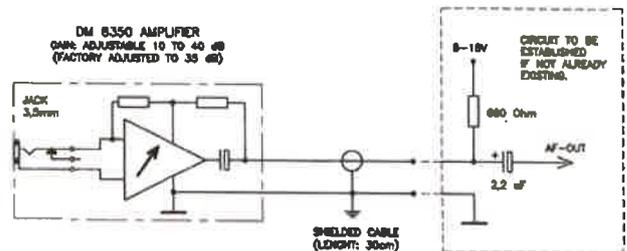
## DESCRIPTION

- General-purpose microphone amplifier.
- Adjustable gain 10 → 40 dB.
- Provides easy "sensitivity-matching" between low-output microphones and transceivers requiring high input level.
- Small, cylindrical amplifier housing.
- Phantom power supply through AF output cable.
- Supply voltage: 5-15 V DC.
- Max. input level before clipping: 6 mV<sub>RMS</sub>.
- Nominal AF load impedance: 600 Ω.
- EMC-protected.



## SPECIFICATIONS

ELECTRICAL	
MODEL	DM 8350
TYPE	Microphone amplifier
IMPEDANCE	Input impedance: Approx. 2 kΩ Output load impedance: Nom. 600 Ω
FREQ. RESPONSE	0.2 → 20 kHz (See diagram below)
MAX. INPUT	6 mV <sub>RMS</sub> (Recommended max. sensitivity of microphone: -40 dB at 1 kHz rel. 1 V/Pa)
MAX. OUTPUT	600 mV <sub>RMS</sub> in 600 Ω (Before clipping occurs)
SUPPLY VOLTAGE	5-15 V DC (To be supplied from radiotelephone or hands-free kit (Phantom supply via the microphone cable)) Specifications given @ 10 V DC
CURRENT CONSUMPTION	(Amplifier only): Approx. 2 mA
MECHANICAL	
CABLE	0.3 m 1-wire with shield
CONNECTOR	Supplied open-ended
TEMP. RANGE	Operating: -30°C → +70°C Storage: -40°C → +80°C
MATERIALS	POM
DIMENSIONS	12 (D) x 59 (L) mm
WEIGHT	Approx. 12 g



PROCOM A/S reserve the right to amend specifications without prior notice.

16/03/2009

