

GRAS 12HF

1-Channel Power Module for Low-noise Systems



12HF is a power module for single-channel, low-noise measurements using the matched, low-noise preamplifiers and high sensitive microphones of GRAS 40HF, 40HH and 40HT Low-noise Microphone Systems.

12HF provides:

- Polarization voltage (200 V) for the condenser microphone
- Voltage supplies (± 15 V) for powering the microphone preamplifier
- A response setting of pressure or free field

When fitted with the above matched preamplifiers and microphones, the 12HF supports the specifications of GRAS Low-noise Microphone Systems.

GRAS 12HM

10-Channel Power Module for Low-noise Systems



12HM is a 10-channel power supply for multi-channel low-noise measurements with GRAS 40HF, 40HH and 40HT Low-noise Microphone Systems. With these, the 12HM can be used in sound-power measurements of low-noise products, such as disk drives, under anechoic and/or semi-anechoic conditions.

12HM provides:

- Polarization voltages (200 V) for up to 10 condenser microphones
- Voltage supplies (± 15 V) for powering up to 10 microphone preamplifiers
- Individual response setting, pressure or free field, for each channel
- Individual gain adjustment of ± 3 dB for each channel.

When connected to the above matched preamplifiers and microphones, each channel supports the specifications of GRAS Low-noise Microphone Systems.

Specifications	12HF	12HM
Input Channel	7-pin LEMO EGA 1B	10 x 7-pin LEMO EGA 1B
Output Channel	BNC coaxial	10 x BNC coaxial
Output Impedance	30 Ω	30 Ω
Polarization Voltage	200 V	200 V
Gain Adjustment/Channel	-	± 3 dB
Channel Separation	-	> 90 dB
Power Supply	4 x LR14 (C) batteries or (included) 6 – 20 V DC mains adapter for 115/230 VAC (included)	Mains adapter for 115 or 230 VAC – max. 35 VA (included)
Dimensions	Height: 132.6 mm (5 1/4") Width: 34.6 mm (1.3") Depth: 196 mm (7.7")	Height: 132.6 mm (5 1/4") Width: 420 mm (16 1/2") Depth: 196 mm (7.7")
Weight	620 g (1.3 lbs)	5.5 KG (12 lbs)

