GRAS 12HM

10-Channel Power Module for Lownoise Systems



Connection: Traditional 200 V
Channel(s): 10

The GRAS Power Module 12HM is a 10-channel power supply for multi-channel lownoise measurements using the matched, low-noise preamplifiers and high-sensitive microphones of a GRAS 40HF, 40HH or 40HT Lownoise Measuring System.

GRAS Sound & Vibration
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The 12HM provides:

- polarization voltage (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 adjustement of ±3 dB for each channel

When connected to the 40HF/40HH/40HT Low-noise Microphone Systems, each channel of the Type 12HM supports the specifications of a GRAS low-noise measuring system, and can be used in sound-power measurements of low-noise products, such as disk drives, under anechoic or semi-anechoic conditions in accordance with IEC 745:1977.

Warranty

All GRAS products are made of high-quality materials that will ensure life-long stability and robustness. The 12HM is delivered with a 2-year warranty. The warranty does not cover products that are damaged due to negligent use.

Service and Repairs

All repairs are made at GRAS International Support Center located in Denmark. Our Support Center is equipped with the newest test equipment and staffed with dedicated and highly skilled engineers. Upon request, we make cost estimates based on fixed repair categories. If a product covered by warranty is sent for service, it is repaired free of charge, unless the damage is the result of negligent use or other violations of the warranty.

CONDITIONING		.
Output channel(s)		10
Output impedance	Ω	30
Direct coupling input to output		No
Linear mode		No
Type		Traditional power supply (LEMO)
Input channel(s), traditional power supply		10
Channel separation (20 Hz to 20 kHz)	dB	>90
Preamplifier supply	V	+-15
Polarization voltage	V	200
Overload indication		Yes
PC controlable		No
POWER AMPLIFIER		.
External filter option		No
Power amplifier overload detection		No
Power supply, external (±10 %)	Vac	115 to 230
Power consumption	W	35
Battery low indication		No
Fuse 230 V / 115 V	mA	160 / 315
Temperature range, operation	°C / °F	-10 to +50 / 14 to 122
Weight	g / oz	5,500 / 194.01

GRAS Sound & Vibration reserves the right to change specifications and accessories without notice.

GRAS Worldwide

Subsidiaries and distributors in more than 40 countries

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About GRAS Sound & Vibration

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones and related equipment for industries where acoustic measuring accuracy and repeatability are of the utmost importance. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, consumer electronics and other highly demanding industries. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect, trust and require.
GRAS Sound & Vibration is represented through subsidiaries and distributors in more than 40 countries and is part of Axiometrix Solutions, a leading test solutions provider comprised of globally recognized measurement brands. Read more at www.grasacoustics.com

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