GRAS 12HF

1-Channel Power Module for Low-noise Systems

Connection: Traditional 200 V
Channel(s): 1

The GRAS Power Module 12HF is a power supply for single-channel, low-noise measurements using the matched, low-noise preamplifiers and high-sensitive microphones of a GRAS low-noise measuring system 40HF, 40HH or 40HT.

GRAS Sound & Vibration
Skovlytoften 33, 2840 Holte, Denmark
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Technology

The 12HF provides:

- polarization voltage (200 V) for the condenser microphone
- voltage supplies (±15 V) for powering the microphone preamplifier
- a front panel switch response for selecting pressure or free field setting

Specifications

CONDITIONING		.
Frequency response (±0.2 dB)	Hz	2 to 20 k
Output channel(s)		1
Output impedance	Ω	30
Direct coupling input to output		No
Linear mode		No
Type		Traditional power supply (LEMO)
Input channel(s), traditional power supply		1
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, battery		4 x LR14 (C)
Power supply, external	Vdc	6 to 20
Battery low indication		Yes
Fuse	mA	315 (fast)
Temperature range, operation	°C / °F	-10 to +50 / 14 to 122
Weight	g / oz	620 / 21,870

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

Ordering info

Included Items

One of these Power Supplies:	(Depending on country)
GRAS AB0002	Power supply 230 VAC to 15 VDC. EU-connector
GRAS AB0006	Power supply 230 VAC to 15 VDC. UK-connector
GRAS AB0003	Power supply 120 VAC to 15 VDC. USA-connector

Optional Items

12HF-S20	12HF Power Module (Excluding Power Supply)

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 to industries where acoustic measuring accuracy and repeatability is of utmost importance in R&D, QA and production. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, and consumer electronics. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect and trust.

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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