

# 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.

The 12HF provides:

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

CONDITIONING		.
Frequency response ( $\pm 0.2$ dB)	Hz	2 to 20 k
Output channel(s)		1
Output impedance	$\Omega$	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	$\pm 15$
Polarization voltage	V	200
Overload indication		Yes
PC controllable		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	$^{\circ}\text{C}$ / $^{\circ}\text{F}$	-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.

Included Item

AB0010	Power supply
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# 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