

# GRAS 12HM

10



Connection: Traditional 200 V  
Channel(s): 10

GRAS 12HM 10 GRAS 40HF 40HH 40HT

12HM :

- 200 V 10
- $\pm 15$  V 10
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- $\pm 3$  dB

40HF/40HH/40HT 12HM GRAS  
IEC 745:1977

12HM 115V 230V

## **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 controllable		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 &amp; Vibration

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# GRAS Worldwide

Subsidiaries and distributors in more than 40 countries

## HEAD OFFICE, DENMARK

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## UK

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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](http://www.grasacoustics.com)

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**GRAS**  
An Axiometrix Solutions Brand