# **GRAS 12AC**

GRAS Vector-intensity Probe





Connection: Traditional 200 V Channel(s): 6

GRAS 12AC 6 GRAS



### Technology

GRAS 12AC 6 GRAS



## Specifications

CONDITIONING         .           Frequency response (±0.2 dB)         Hz         0.05 to 200 k           Output channel(s)         6         .           Output impedance         Ω         30           Direct coupling input to output         No         .           Phase matching, equal gain, no filters         IEC 61043         Yes           Type         Traditional power supply         Yes         .           Input channel(s), traditional power supply         6         .         .           Preamplifier supply         V         +-15         .           Polarization voltage         V         0 / 200         .         .           Overload indication         No         . <t< th=""><th></th><th></th><th></th></t<>			
Output channel(s)         6           Output impedance         Ω         30           Direct coupling input to output         No           Phase matching, equal gain, no filters         IEC 61043           Linear mode         Yes           Type         Traditional power supply           Input channel(s), traditional power supply         6           Preamplifier supply         V         ++15           Polarization voltage         V         0 / 200           Overload indication         No         No           PC controlable         No         No           External filter option         No         No           Power amplifier overload detection         No         No           POWER SUPPLY         .         .           Power supply, battery         4x AA         AA           Power consumption         mA         100           Battery life         h         20           Battery low indication         Yes           Fuse         mA         200           Temperature range, operation         °C / °F         -10 to +50 / 14 to 122	CONDITIONING		
Output impedance       Ω       30         Direct coupling input to output       No         Phase matching, equal gain, no filters       IEC 61043         Linear mode       Yes         Type       Traditional power supply         Input channel(s), traditional power supply       6         Preamplifier supply       V       +-15         Polarization voltage       V       0 / 200         Overload indication       No       No         PC controlable       No       No         External filter option       No       No         Power amplifier overload detection       No       No         POWER SUPPLY       .       .         Power supply, battery       4x AA       AA         Power supply, external       Vdc       6 to 20         Power consumption       mA       100         Battery low indication       Yes         Fuse       mA       200         Temperature range, operation       °C / °F       -10 to +50 / 14 to 122	Frequency response (±0.2 dB)	Hz	0.05 to 200 k
Direct coupling input to output Phase matching, equal gain, no filters Linear mode Type Type Traditional power supply Input channel(s), traditional power supply Input channel(s) Input channel(	Output channel(s)		6
Phase matching, equal gain, no filters  Linear mode  Yes  Type  Traditional power supply Input channel(s), traditional power supply Input channel(s), traditional power supply  Preamplifier supply  V +-15  Polarization voltage V 0 / 200  Overload indication No  PC controlable  External filter option No  Power amplifier overload detection POWER SUPPLY  Power supply, battery  Power supply, external Vdc 6 to 20  Power consumption  Battery life h 20  Battery low indication  Temperature range, operation  Inal Traditional power supply 6  Yes  Traditional power supply 6  No  1-10 to +50 / 14 to 122	Output impedance	Ω	30
Linear mode Type Traditional power supply Input channel(s), traditio	Direct coupling input to output		No
Type Cleample Cleamply Cleamply Cleamply Cleamply Cleamply Cleamply Cleample Supply 6  Preamplifier supply V +-15  Polarization voltage V 0 0 / 200  Overload indication No  PC controlable No  External filter option No  Power amplifier overload detection No  POWER SUPPLY  Power supply, battery 4x AA  Power supply, external Vdc 6 to 20  Power consumption mA 100  Battery life h 20  Battery low indication Yes  Fuse mA 200  Temperature range, operation **C / °F -10 to +50 / 14 to 122	Phase matching, equal gain, no filters		IEC 61043
Input channel(s), traditional power supply  Preamplifier supply  V +-15  Polarization voltage  V 0 / 200  Overload indication  No  PC controlable  External filter option  Power amplifier overload detection  No  POWER SUPPLY  Power supply, battery  Power supply, external  Vdc 6 to 20  Power consumption  Battery life  Battery low indication  Temperature range, operation  (LEMO)  6  6  A  4  4  4  4  4  4  4  4  4  4  4  4	Linear mode		Yes
Preamplifier supply  V +-15  Polarization voltage  V 0 / 200  Overload indication  No  PC controlable  External filter option  Power amplifier overload detection  POWER SUPPLY  Power supply, battery  Power supply, external  Vdc  6 to 20  Power consumption  Battery life  h  20  Battery low indication  Temperature range, operation  V 0 0 / 200  No  No  No  No  No  POWER SUPPLY  Ax AA  Power supply, battery  Ax AA  Power supply, external  Vdc  6 to 20  Temperature range, operation  V 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Туре		
Polarization voltage  V 0 / 200  Overload indication  PC controlable  External filter option  Power amplifier overload detection  POWER SUPPLY  Power supply, battery  Power supply, external  Vdc  6 to 20  Power consumption  Battery life  h  20  Battery low indication  Temperature range, operation  V 0 0 / 200  No  No  No  A  A  A  A  A  A  A  A  A  A  A  A  A	Input channel(s), traditional power supply		6
Overload indication  PC controlable  Ro External filter option  Power amplifier overload detection  POWER SUPPLY  Power supply, battery  Power supply, external  Power supply, external  Vdc  6 to 20  Power consumption  MA  100  Battery life  h  20  Battery low indication  Yes  Fuse  MA  200  Temperature range, operation	Preamplifier supply	V	+-15
PC controlable  External filter option  No  Power amplifier overload detection  POWER SUPPLY  Power supply, battery  Power supply, external  Power consumption  Battery life  Battery low indication  Temperature range, operation  No  No  No  No  No  No  No  No  No	Polarization voltage	V	0 / 200
External filter option No  Power amplifier overload detection No  POWER SUPPLY .  Power supply, battery 4x AA  Power supply, external Vdc 6 to 20  Power consumption mA 100  Battery life h 20  Battery low indication Yes  Fuse mA 200  Temperature range, operation °C / °F -10 to +50 / 14 to 122	Overload indication		No
Power amplifier overload detection  POWER SUPPLY  Power supply, battery  Power supply, external  Vdc  6 to 20  Power consumption  MA  100  Battery life  h  20  Battery low indication  Fuse  mA  200  Temperature range, operation	PC controlable		No
POWER SUPPLY  Power supply, battery  Ax AA  Power supply, external  Vdc  6 to 20  Power consumption  mA  100  Battery life  h  20  Battery low indication  Yes  Fuse  mA  200  Temperature range, operation  °C / °F  -10 to +50 / 14 to 122	External filter option		No
Power supply, battery  Power supply, external  Vdc 6 to 20  Power consumption  mA 100  Battery life h 20  Battery low indication  Yes  Fuse  mA 200  Temperature range, operation  C / °F -10 to +50 / 14 to 122	Power amplifier overload detection		No
Power supply, external  Power consumption  mA  100  Battery life  h  20  Battery low indication  Fuse  mA  200  Temperature range, operation  Vdc  6 to 20  MA  100  Toto +50 / 14 to 122	POWER SUPPLY		
Power consumptionmA100Battery lifeh20Battery low indicationYesFusemA200Temperature range, operation°C / °F-10 to +50 / 14 to 122	Power supply, battery		4x AA
Battery life h 20  Battery low indication Yes  Fuse mA 200  Temperature range, operation °C / °F -10 to +50 / 14 to 122	Power supply, external	Vdc	6 to 20
Battery low indication  Yes  Fuse  mA  200  Temperature range, operation  °C / °F  -10 to +50 / 14 to 122	Power consumption	mA	100
Fuse mA 200 Temperature range, operation °C / °F -10 to +50 / 14 to 122	Battery life	h	20
Temperature range, operation °C / °F -10 to +50 / 14 to 122	Battery low indication		Yes
	Fuse	mA	200
Weight g / oz 1700.00 / 42.33	Temperature range, operation	°C / °F	-10 to +50 / 14 to 122
	Weight	g / oz	1700.00 / 42.33

**GRAS Sound & Vibration** 



### Ordering info

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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



### **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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