

# IEC 60318-4 GRAS 43AC



200 V/LEMO  
Volume: 1260 @ 500 Hz  
25 dB(A) - 164 dB  
ANSI: S3.7  
IEC: 60318-4

GRAS 43AC

## GRAS 43AC

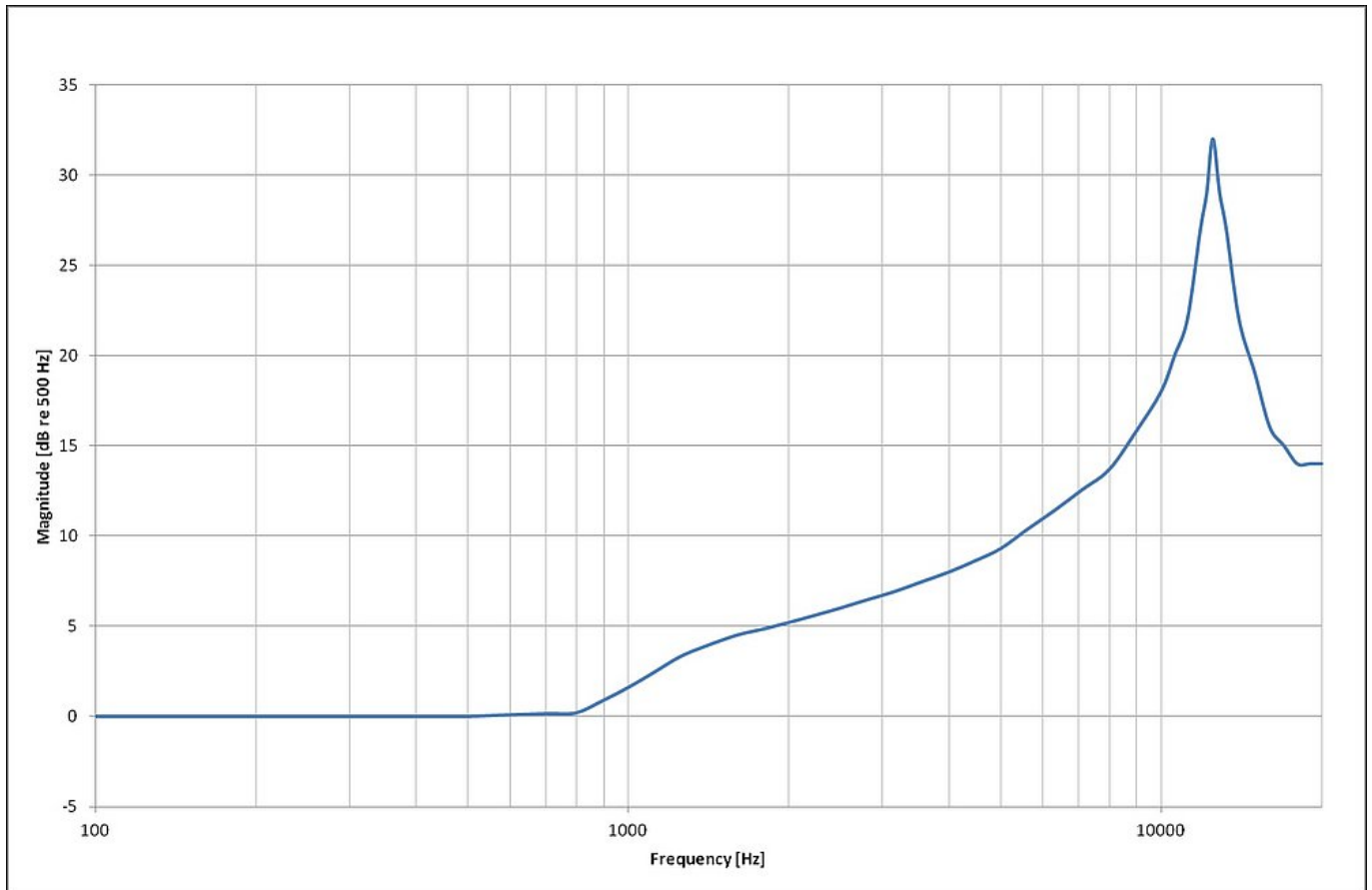
- IEC 60318-4

## 43AC

- [GRAS RA0045](#)
- [GRAS 40AG 1/2](#)
- GRAS 26AC 1/4
- [GRAS RA0001](#)
- [GRAS RA0052](#)

[GRAS 43AC-S1](#)

Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	25
Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / ±14 V power supply	dB	153
Theoretical dynamic range upper limit with GRAS preamplifier @ +120 V / ±60 V power supply	dB	164
Set sensitivity @ 250 Hz (±2 dB)	mV/Pa	12
Set sensitivity @ 250 Hz (±2 dB)	dB re 1V/Pa	-38.5
Coupler volume	mm <sup>3</sup>	1260 @ 500 Hz
Resonance frequency	kHz	13.5
Temperature range, operation	°C / °F	-30 to 60 / -22 to 140
Temperature coefficient @250 Hz	dB/°C / dB/°F	-0.01 / -0.006
Humidity range non condensing	% RH	0 to 90
ANSI standard		S3.7
IEC standard		60318-4 (former 60711)
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Connector type		3 m 7-pin LEMO
Weight	g / oz	1550 / 54.675



Typical frequency response for RA0045



<a href="#">GRAS RA0045</a>	IEC 60711
GRAS 26AC	¼
<a href="#">GRAS RA0052</a>	
GRAS GR0435	
GRAS GR0436	
GRAS GR0437	
GRAS GR0438	
GRAS GR0440	
GRAS GR0433	
GRAS GR0434	



<a href="#">GRAS 12AK</a>	
<a href="#">GRAS 42AA</a>	
<a href="#">GRAS RA0196</a>	( )

GRAS Sound & Vibration



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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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