

# GRAS 43AE

ITU-T Rec. P57 3.2



200 V/LEMO

26 dB(A) - 164 dB  
ANSI S3.7

GRAS 43AE ITU-T Rec. P57 3.2  
ITU-T P.57 (08/96) "P" "

43AE IEC 60318-4 (60711)

- IEC 60318-4
- ITU-T P.57 (08/96) P

43AE

- IEC 60318-4 [GRAS RA0045](#)
- [GRAS 26AC-1½](#)
- [GRAS GR0010 ¼ - ½](#)
- [GRAS RA0056](#)
- [GRAS RA0057](#)

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	Low 713.8, High 1570
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 75
ANSI standard		S3.7
ITU-T recommendations		P.57 Type 1
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes
Connector type		3 m 7-pin LEMO
Weight	g / oz	1.05 / 37.038

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<a href="#">GRAS RA0045</a>	IEC 60711
<a href="#">GRAS 26AC-1</a>	$\frac{1}{4}$
<a href="#">GRAS GR0010</a>	$\frac{1}{4}$ - $\frac{1}{2}$
<a href="#">GRAS RA0056</a>	
<a href="#">GRAS RA0057</a>	

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

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<a href="#">GRAS RA0119</a>	
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GRAS Sound & Vibration

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

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**GRAS**  
An Axiometrix Solutions Brand