# **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 "



GRAS 43AE 3.2

## 43AE IEC 60318-4 (60711)

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

## 43AE

- IEC 60318-4 <u>GRAS RA0045</u>
- GRAS 26AC-11/4
- GRAS GRO010 ¼ ½
- <u>GRAS RA0056</u>
- GRAS RA0057



## Specifications

GRAS 43AE

3.2

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	mm³	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 recommondations		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

**GRAS Sound & Vibration** 



GRAS 43AE

GRAS RA0045	IEC 60711
<u>GRAS 26AC-1</u>	1/4
GRAS GR0010	1/4 - 1/2
GRAS RA0056	
GRAS RA0057	

GRAS 12AK	
GRAS 42AA	

GRAS RA0119

**GRAS Sound & Vibration** 



## **GRAS** Worldwide

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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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