

# GRAS 42AP

, 0



114 dB  
250 251.2 Hz  
ANSI S1.40  
IEC 60942 (2018) LS

GRAS 42AP

GRAS Sound & Vibration  
Skovlytoften 33, 2840 Holte, Denmark  
[www.grasacoustics.com](http://www.grasacoustics.com)

GRAS

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- 
- 
- 
- 250 Hz 251.2 Hz P-I
- 

1.

2.

□□

42AP

RS-232

0.1%

□□

114 dB\* re. 20 Pa @ 250 Hz  
251.2 Hz

1.

2.

Enter

A A

□□□

42AP ½ 1 1 (RA0023)

- dB
- A dB
- hPa
- °C
- °F

□□

42AP ON/OFF LED

LED 250 Hz 251.2 Hz  
LED

RS-232 250 Hz 251.2 Hz

□□□

42AP GRAS 1/2 1/4 1/8

1/4 1/8 1 RA0023 1

GRAS 41AL 41AM 41CN RA0023  
1 42AP

- RS-232 9 D-sub AA0050
  - RS-232 9600,8,n,1( 9600 / , 8 , , 1 )
- / 32 "Buffer  
overflow"

□□

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60942 (2018) LS

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IEC

$\pm 0.09$  dB re. 20 Pa

114 dB  $\pm 0.05$  dB

42AP LCD

$\pm 0.1$  dB

Frequency	Hz	250 / 251.2 ( $\pm 0.1\%$ )
Sound pressure level	dB	114 re. 20 Pa
Power supply, external	Vdc	6 (125 mA)
ANSI standard		S1.40
IEC standard		60942
Temperature range, operation	°C / °F	-10 to 55 / 14 to 131
Battery type		4 x AA alkaline (IEC LR 6)
Weight	g / oz	437 / 15.415

1/2  $\pm 0.09$  dB1  $\pm 0.2$  dB

GRAS Sound &amp; Vibration

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<a href="#">GRAS RA0023</a>	1
<a href="#">GRAS RA0048</a>	$\frac{1}{2}$ RA0023 1
<a href="#">GRAS RA0049</a>	$\frac{1}{4}$
<a href="#">GRAS RA0069</a>	$\frac{1}{8}$
GRAS EL0001	LR6-AA

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<a href="#">GRAS RA0009</a>	41AM RA0023 1
<a href="#">GRAS RA0041</a>	41CN RA0023 1
GRAS RA0010	41AL RA0023 1
<a href="#">GRAS RA0024</a>	$\frac{1}{2}$
<a href="#">GRAS RA0090</a>	94 dB

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