

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

GRAS

□□□□□□□

□□□□□

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

1.

2.

□□

42AP

RS-232

0.1%

□□

114 dB* re. 20 Pa @ 250 Hz

1.

251.2 Hz

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"

□□

GRAS 42AP
60942 (2018) LS

--

IEC

± 0.09 dB re. 20 Pa

114 dB ± 0.05 dB

42AP LCD

± 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 ± 0.09 dB1 ± 0.2 dB

GRAS Sound & Vibration

□□

GRAS RA0023	1
GRAS RA0048	$\frac{1}{2}$ RA0023 1
GRAS RA0049	$\frac{1}{4}$
GRAS RA0069	$\frac{1}{8}$
GRAS EL0001	LR6-AA

□□

GRAS RA0009	41AM RA0023 1
GRAS RA0041	41CN RA0023 1
GRAS RA0010	41AL RA0023 1
GRAS RA0024	$\frac{1}{2}$
GRAS RA0090	94 dB

GRAS Sound & Vibration

GRAS Worldwide

Subsidiaries and distributors in more than 40 countries

HEAD OFFICE, DENMARK

GRAS SOUND & VIBRATION
Skovlytoften 33
2840 Holte
Denmark
Tel: +45 4566 4046
www.GRASacoustics.com
gras@grasacoustics.com

USA

GRAS SOUND & VIBRATION
9290 SW Nimbus Avenue
Beaverton, OR 97008
Tel: 503-627-0832
Toll Free: 800-231-7350
www.GRASacoustics.com
sales-usa@grasacoustics.com

UK

GRAS SOUND & VIBRATION
Unit 115, Gibson House,
Ermine Business Park, Huntingdon,
Cambridgeshire, PE29 6XU
Tel: +44 (0) 7762 584 202
www.GRASacoustics.com
sales-uk@grasacoustics.com

CHINA

GRAS SOUND & VIBRATION
Room 315, RuiBo Center(T1)
Lane683, Shenhong Rd,
Minhang District,
Shanghai, China, 201107
Tel: +86 21 64203370
www.GRASacoustics.cn
cnsales@grasacoustics.com



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

grasacoustics.com

GRAS
An Axiometrix Solutions Brand