

# GRAS 45BB-11

KEMAR

1 LEMO



200 V/LEMO

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ANSI: S3.36

IEC 60318-7

ITU-T Rec. P.58

45BB-11 KEMAR

[GRAS 45BB-12 KEMAR](#)

2 LEMO

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<a href="http://KEMAR.us">KEMAR.us</a>			ANSI		
S3.36/ASA58-2012		IEC 60318-7:2011			
KEMAR	KEMAR	GRAS		□□□	
				45BB-11	
45BB KEMAR	45BB KEMAR				
KEMAR	45BB KEMAR				
KEMAR					
45BB-11	KEMAR			THD Rub & Buzz	
				45BB-11 KEMAR	
	USB				
45BB-11	GRAS 43BB	KB5000/KB5001		□□□□	
				KEMAR	
<i>43BB</i>					2
43BB	IEC 60318-4	40HT		KEMAR	5
					6
40AH					
10 kHz	IEC 60318-4	10 kHz			
13.5 kHz		Q			
		Q			
26HG	GRAS 26AC ¼	40 G			
7 LEMO	26HT				
12HF					
— 43BB					

35 Shore 00

KEMAR

Connector type		7-pin LEMO (FGG.1B.307)
Set sensitivity @ 250 Hz ( $\pm 2$ dB)	mV/Pa	800
Theoretical dynamic range lower limit with GRAS preamplifier	dB(A)	10.5
Theoretical dynamic range upper limit with GRAS preamplifier @ +28 V / $\pm 14$ V power supply	dB	113
Temperature range, operation	°C / °F	-30 to 60 / -22 to 140
Temperature range, storage	°C / °F	-40 to 65 / -40 to 149
Humidity range non condensing	% RH	0 to 95%
ANSI standard		S3.36
IEC standard		60318-7
ITU-T recommendations		P. 58
Weight	g / oz	11.45 k / 404

GRAS Sound & Vibration

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<a href="#">GRAS 45BB</a>	KEMAR Head & Torso, Non-configured
<a href="#">GRAS KB5000</a>	Large Right Anthropometric Pinna 35 Shore 00
<a href="#">GRAS KB5001</a>	Large Left Anthropometric Pinna 35 Shore 00
GRAS GR1874	Ear Simulator Holder
<a href="#">GRAS AA0035</a>	BNC-BNC Cable, 3 m
<a href="#">GRAS 43BB-1</a>	Low-noise Ear Simulator System, comprising:
GRAS GR0408	External Ear Canal
GRAS GR0409	Union Nut
<a href="#">GRAS RA0001</a>	Right Angled Adapter for 1/2" Microphone and 1/4" Preamplifier (2 pcs)
GRAS RA0234	Low-noise Ear Simulator
<a href="#">GRAS 26HG</a>	1/4" Preamplifier with 3 m Integrated Cable
GRAS 26HT	Gain and Filter Unit for 40HT
<a href="#">GRAS 12HF</a>	1-Channel Power Module for Lownoise Systems
GRAS AA0059	LEMO 7-pin - LEMO 7-pin Cable, 1 m

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<a href="#">GRAS 42AP</a>	Intelligent Pistonphone (250 Hz or 251.2 Hz, 114 dB +/- 0.05 dB)
<a href="#">GRAS 42AA</a>	Pistonphone (250 Hz, 114 dB +/- 0.08 dB)
<a href="#">GRAS RA0090</a>	94 dB Pistonphone Coupler

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<a href="#">GRAS KB0060</a>	KEMAR Small Right Ear 55 Shore 00
<a href="#">GRAS KB0061</a>	KEMAR Small Left Ear 55 Shore 00
<a href="#">GRAS KB0065</a>	KEMAR Large Right Ear 55 Shore 00
<a href="#">GRAS KB0066</a>	KEMAR Large Left Ear 55 Shore 00

<a href="#">GRAS KB1060</a>	KEMAR Small Right Ear, 35 Shore 00
<a href="#">GRAS KB1061</a>	KEMAR Small Left Ear 35 Shore 00
<a href="#">GRAS KB1065</a>	KEMAR Large Right Ear 35 Shore 00
<a href="#">GRAS KB1066</a>	KEMAR Large Left Ear 35 Shore 00
<a href="#">GRAS KB0090</a>	KEMAR Large Right Ear (VA-Style/SQ) 55 Shore 00
<a href="#">GRAS KB0091</a>	KEMAR Large Left Ear (VA-Style/SQ) 55 Shore 00
<a href="#">GRAS KB1090</a>	KEMAR Large Right Ear (VA-Style) 35 Shore 00
<a href="#">GRAS KB1091</a>	KEMAR Large Left Ear (VA-Style) 35 Shore 00

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<a href="#">GRAS KB0110</a>	Ear Mould Simulator for 2 mm Inner diameter tubing
<a href="#">GRAS KB0111</a>	Ear Mould Simulator for 3 mm Inner diameter tubing

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<a href="#">GRAS RA0237</a>	Straight Ear Canal Extension Kit for KEMAR
<a href="#">GRAS RA0238</a>	VA-tapered Ear Canal Extension Kit for KEMAR
<a href="#">GRAS RA0239</a>	Ear canal Extension Kit w. silicone lining for KEMAR
<a href="#">GRAS RA0240</a>	Holder for long 1/2" microphone Kit for KEMAR
<a href="#">GRAS RA0241</a>	Holder for short 1/2" microphone Kit for KEMAR
<a href="#">GRAS RA0243</a>	Holder for 1/2" microphone Kit for KEMAR
<a href="#">GRAS RA0244</a>	O-ring kit for KEMAR, 2 pcs.
<a href="#">GRAS RA0249</a>	Straight Ear Canal Extension Kit for KEMAR, made of POM, for binaural hearing aid test
<a href="#">GRAS RA0250</a>	Tapered Ear Canal Extension Kit for KEMAR, made of POM, for binaural hearing aid test

**KEMAR** .....

<a href="#">GRAS RA0251</a>	KEMAR Retrofit Kit for Binaural Hearing Aid Test: The Kit includes Ear Holder Plates, mounting bolts and the RA0249 and RA0250 Ear Canal Extension Kits. Included items are made of POM, Nylon and Teflon.
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## KEMAR 附屬品

### [GRAS RA0311](#)

KEMAR Retrofit Kit for Anthropometric Pinna.  
The Kit includes Ear Simulator Holder, 2 finger screws and a 3 mm Allen Key.

## 線材

### [GRAS AA0046](#)

3 m LEMO 7-pin - LEMO 7-pin Cable for Low-noise measuring system

### [GRAS AA0047](#)

10 m LEMO 7-pin - LEMO 7-pin Cable for Low-noise measuring system

## 盒裝

### GRAS KM0094

PELI Case for KEMAR

## KEMAR 模擬

### GRAS KB3000

Simulation Model of KEMAR with large pinnae

### GRAS KB3001

Simulation Model of KEMAR with small pinnae

## KEMAR 附屬

### GRAS AL0026

Loudspeaker stand for KEMAR, Ø 35 mm

## 書籍

### GRAS KB0000

KEMAR Handbook

### GRAS KB0010

T-Shirt for KEMAR

## 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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