

# GRAS 45EA

KEMAR



ITU-T rec.: P. 64

KEMAR 45EA



GRAS 45EA

[GRAS KEMAR](#)

KEMAR

KEMAR

EEP ERP

- 
- 
- / /
- 
- /
- 
- 
- 
- ERP

- [GRAS 45BC](#) KEMAR

(ERP) (ECRP)  
(ERP)  
45EA KEMAR /

45EA [GRAS 45BB](#) [GRAS 45BC](#) KEMAR

KEMAR 45EA GRAS 2

**ERP** ITU-T P.57 (ERP) 45EA ERP  
EEP

45EA

ITU-T [GRAS 45BC](#) GRAS KB1080  
GRAS KB1081 ITU-T



45EA [GRAS 45BB](#) KEMAR [GRAS 45BC](#) KEMAR  
ITU-T P.51 ITU-T P.57 P.58 (HATS)  
ITU-T P.64 /

45EA (HRTF)

- 
-

ITU-T recommendations		P.64
CE/RoHS compliant/WEEE registered		Yes/Yes/Yes

GRAS Sound & Vibration



<a href="#">GRAS 45EB</a>	KEMAR
---------------------------	-------

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](http://www.GRASacoustics.com)  
[gras@grasacoustics.com](mailto: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](http://www.GRASacoustics.com)  
[sales-usa@grasacoustics.com](mailto: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](http://www.GRASacoustics.com)  
[sales-uk@grasacoustics.com](mailto: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](http://www.GRASacoustics.cn)  
[cnsales@grasacoustics.com](mailto: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](http://www.grasacoustics.com)

[grasacoustics.com](http://grasacoustics.com)

**GRAS**  
An Axiometrix Solutions Brand