

GRAS 26TK 1/2 英寸标准前置放大器，带集成接口 26AK



频率范围 0.5 Hz - 200 kHz
噪声 1.8 μ V Gain: -0.25 dB
特殊功能：通用型

26TK 是一款 1/2 英寸前置放大器，配备集成式 7 针 LEMO 公头连接器。其 CCP 对应型号为 GRAS 26CA
26TK 型设备配备内置 TEDS 芯片，可作为单一单元进行编程，并可安装传声器。

简介

GRAS 26AK 是一款专为实验室和现场通用应用设计的预放大器，可直接兼容所有符合 IEC 61094 标准的 1/2 英寸外极化测量传声器

该设备结构坚固、性能可靠，可处理频率范围为 0.5 Hz 至 200 kHz 的传声器信号，峰值电压可达 50 V 印刷电路板采用厚膜基板技术制造，并经过优化以实现微音器效应和潮湿环境的最大抑制。

高品质的标准 7 针 LEMO 公头连接器集成于前置放大器中，确保连接和扩展仅需使用一种类型的连接器和电缆。

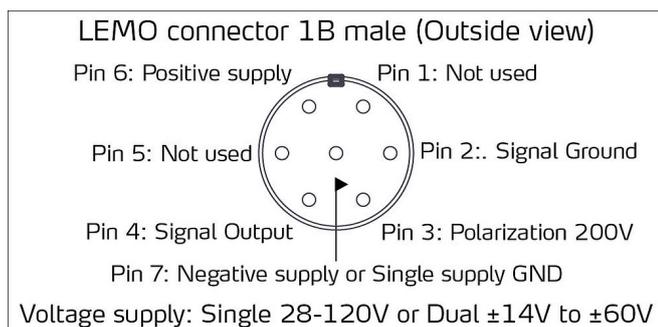
26AK 经过工厂单独校准，并附带校准图表，注明其 A 计权和线性自噪声值。

兼容性

26AK 兼容符合国际标准 IEC1094 《测量传声器》第 4 部分《工作标准传声器的规格》中定义的 1/2 英寸传声器。其安装螺纹 11.7 mm - 60 UNS-2 与其他同类传声器前置放大器的螺纹规格兼容。

GRAS 26AK 集成有 7 针 LEMO 系列 1B 插接口。

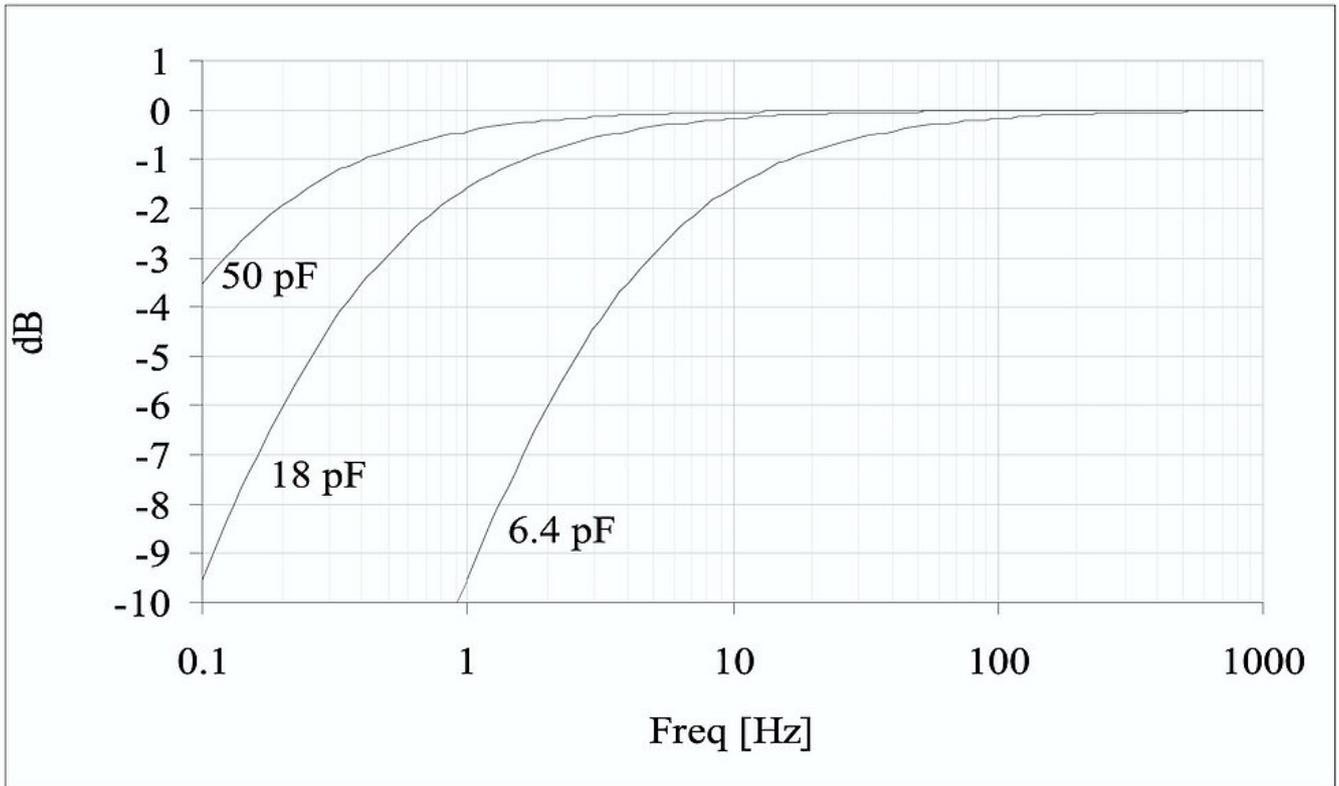
接口



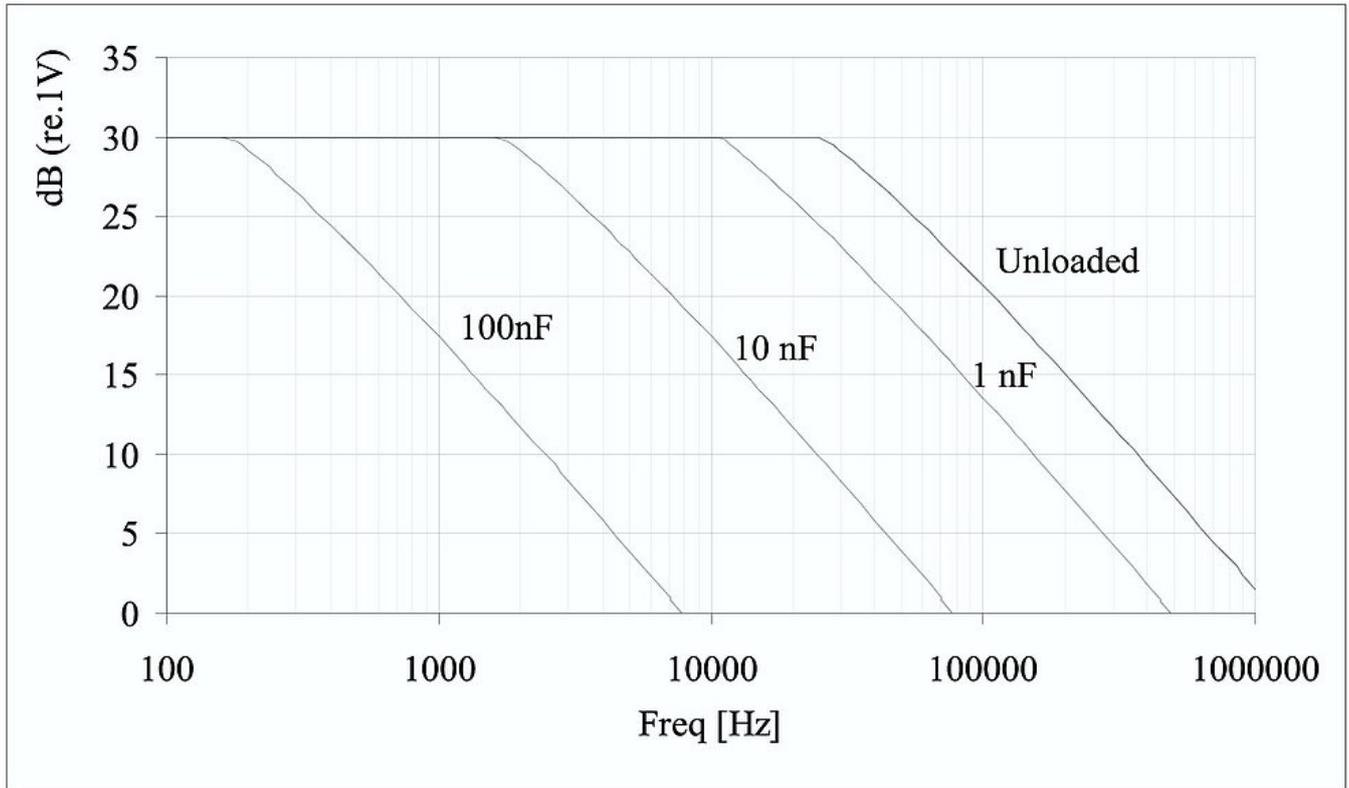
7-pin LEMO 1B male (ext. view)

Frequency range (± 0.2 dB) with 18 pF microphone dummy	Hz	2.5 to 200 k
Slew rate	V/ μ s	20
Input impedance	G Ω // pF	20 // 0.4
Output impedance	Ω	75
Output Voltage Swing, max. @ ± 14 V/+28V power supply	Vp	12
Output Voltage Swing, max. @ ± 60 V/+120V power supply	Vp	50
Noise (A-Weighted) max.	μ V	2.5
Noise (A-Weighted) typ.	μ V	1.8
Noise (Linear 20 Hz – 20 kHz) max.	μ V	6
Noise (Linear 20 Hz – 20 kHz) typ.	μ V	3.5
Gain	dB	-0.25
Power supply, single	V	28 to 120
Power supply, balanced	V	± 14 to ± 60
DC-offset, min., single supply	V	$0.5 \times V_s - 1$
DC-offset, max., single supply	V	$0.5 \times V_s + 4$
DC-offset, balanced supply	V	-1 to 4
Temperature range, operation	$^{\circ}$ C / $^{\circ}$ F	-30 to 70 / -22 to 158
Temperature range, storage	$^{\circ}$ C / $^{\circ}$ F	-40 to 85 / -40 to 185
Humidity range non condensing	% RH	0 to 95
Connector type		7-pin LEMO (FGG.1B.307)
CE/RoHS compliant/WEEE registered		Yes / Yes, Yes
Weight	g / oz	35.0 / 1.24

Conditions: 23 $^{\circ}$ C Ambient temperature, ± 60 V/+120V power supply, 18 pF dummy microphone, 3 m output cable.



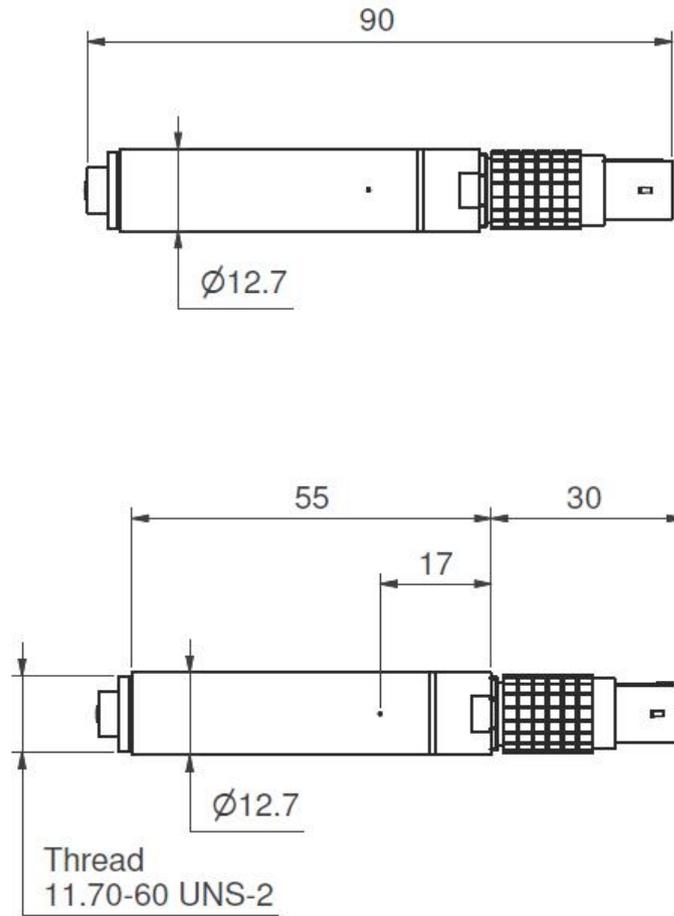
Low frequency response for various microphone capacities



Max. RMS output signal for various cable loads with 120 V supply

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Dimensions in mm



选配

GRAS AA0008	3 m LEMO 7-pin - LEMO 7-pin Cable
GRAS AL0008	1/2" Microphone Holder, POM
GRAS AL0012	1/2" Microphone Holder, Stainless Steel
GRAS AL0005	Swivel head
GRAS AL0006	Tripod
GRAS RA0019	Adapter for 1/4" microphone and 1/2" preamplifier
GRAS RA0073	Adapter for 1" microphone and 1/2" preamplifier
GRAS RA0190	Right-angled (90°) Adapter for 1/2" Microphone and 1/2" Preamplifier
GRAS RA0016	20 dB Attenuator for externally polarized 1/2" microphones
GRAS RA0062	20 pF Preamplifier-input Adapter for 1/2" preamplifiers
GRAS 12AA	2-Channel Power Module with gain, filters and SysCheck generator
GRAS 12AQ	2-Channel Universal Power Module with signal conditioning and PC interface

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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 to industries where acoustic measuring accuracy and repeatability is of utmost importance in R&D, QA and production. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, and consumer electronics. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect and trust.

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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