

GRAS 12BC 12BF 12BD LEMO TEDS 12BC, 12BF AND 12BD



Connection: LEMO

Traditional 200 V

Channel(s): 1, 2 or 4

TEDS via USB

GRAS 12BC 12BF 12BD
AC

LEMO

TEDS

USB

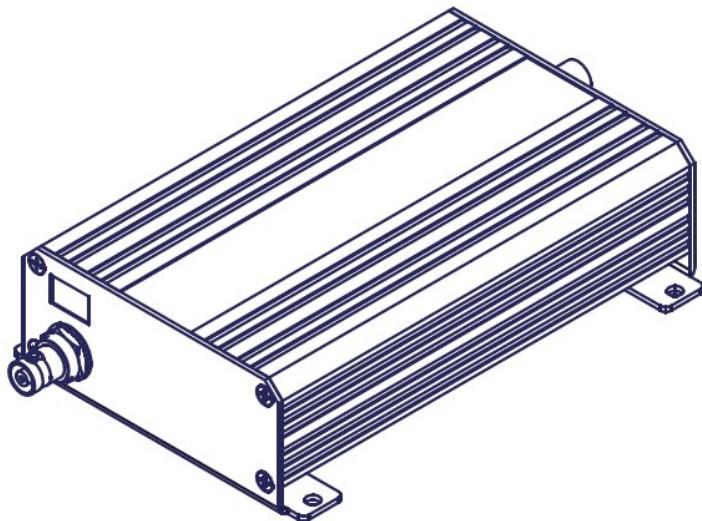
GRAS 12BC 12BF 12BD USB LEMO
TEDS

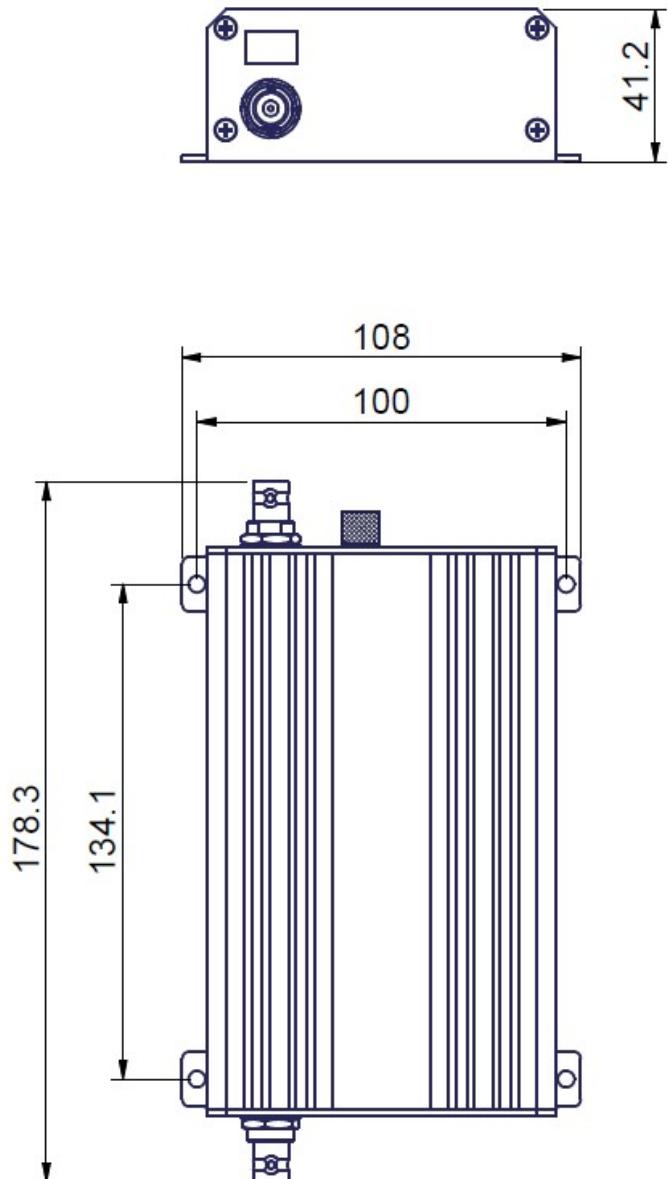
TEDS [Audio Precision APx](#)
TEDS

PC TEDS —
12BC 12BF 12BD USB 1.5 A
USB-C 1.5 A USB-C USB 2.0 USB
3.0 AUXPWR AC

Specifications

| | | |
|---|------------------|---|
| Frequency response (± 0.06 dB) (with 100 k load) | Hz | 10 to 20 |
| Frequency response (± 0.03 dB) (with 100 k load) | Hz | 20 - 200k |
| Inherent noise, input shorted, 10 Hz - 20kHz | μ Vrms | 2 |
| Overload indication | | No |
| Temperature operation | $^{\circ}$ C / F | -40 to +75 / -40 to 167 |
| Humidity (non-condensing) | % | max. 90 |
| Dimension including mounting ears (WxHxD) | mm / " | 108 x 44.2 x 178.3 / 4.35 x 1.74 x 7.02 |
| Channels, 12BC | | 1 |
| Channels, 12BF | | 2 |
| Channels, 12BD | | 4 |
| Polarization voltage | V | 200 |
| Preamplifier Supply Voltage | Vdc | +/-15 |
| Max input Voltage | Vp | 14 |
| USB | | C |
| USB Power + 5 Vdc | A | 1.5 |
| External Power Supply +5 Vdc | A | 1.5 |
| External Power Connector | | DC (5.5mm x 2.1 mm bar-rel) |
| Weight 12BC, 1 Ch | g / oz | 390 / 13.8 |
| Weight 12BF, 2 Ch | g / oz | 425 / 15.0 |
| Weight 12BD, 4 Ch | g / oz | 494 / 17.4 |





GRAS 12BC 1-Channel LEMO Power Module with USB Connection

GRAS 12BF 2-Channel LEMO Power Module with USB Connection

GRAS 12BD 4-Channel LEMO Power Module with USB Connection

□□

- USB
- AC

□□

7 LEMO

[GRAS AA0008](#) LEMO 7-pin-LEMO 7-pin cable, 3 m

[GRAS AA0009](#) LEMO 7-pin-LEMO 7-pin cable, 10 m

GRAS AA0012 LEMO 7-pin-LEMO 7-pin cable, 30 m

GRAS AA0014 LEMO 7-pin-LEMO 7-pin cable, 100 m

GRAS AA0020-XX Custom, XX specifies the length in metres

BNC

GRAS AA0033 BNC-BNC cable, 1 meter

GRAS AA0034 BNC-BNC cable, 2 meters

GRAS AA0035 BNC-BNC cable, 3 meters

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

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