

GROOVE



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MANUAL

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USER MANUAL PURPOSE

This user manual is dedicated to the use of the bass amplifiers GROOVE

The manual includes the following information:

- General information (technical data and packaging);
- Description of the amplifier's functions.

All the information described in this user manual is verified.

The manufacturer reserves the right to update or modify their product without any notice.

PACKAGING AND STORAGE

PACKAGING

GROOVE is packed in a special cardboard box. The box contains the amplifier and power supply cable.

TRANSPORT

Please handle the box with care. A specific position during the transport is not required.

STORAGE

Please keep the amplifier in a dry and ventilated place. Ideal storage conditions: the temperature within -20C and 40C, Humidity 20% to 80%.

PRODUCT DISPOSAL

Please follow the disposal instructions issued by your local council. By European Directive 2002/96 / EC, all electrical and electronic products should be disposed of by specific collection facilities appointed by the government or the local authorities.

DECLARATION OF CONFORMITY

The product complies with the following European directive:

2014/35 / EU - Electrical Safety

2014/30 / EU - Electromagnetic Compatibility

2011/65 / EU - Limited use of certain hazardous substances in electrical and electronic equipment.

A full copy of the declaration of conformity is available from the manufacturer.

The manufacturer is not responsible for any damage due to improper use of the product.

DESCRIPTION

The GROOVE is the perfect combination of classic and modern, the GR GROOVE series will surprise you with its quality and incredible power and an incredible tube preamp.

The GROOVE series takes up and perfects the philosophy of PURE SOUND, a fundamental characteristic of GR products, with the possibility of adding the characteristic sound only valves can give you.

A 4-band equalizer will allow you to sculpt the sound according to your needs but that's not all: you can choose 4 frequencies for the mids, and the deep and bright filters will allow you to add punch and / or definition to the equalization.

TECHNICAL FEATURES GROOVE 1200

- POWER RMS 1200W @ 4Ω
- DYNAMIC RANGE: 123dBA
- Parameters of nominal distortion output:
THD+N: 0.003% @ 50W (4Ω, 1KHz), <0.002% @ 100W (4Ω, 100Hz)
- Low output impedance: 6mΩ
- Total Efficiency: 80% @ 1200W 4Ω

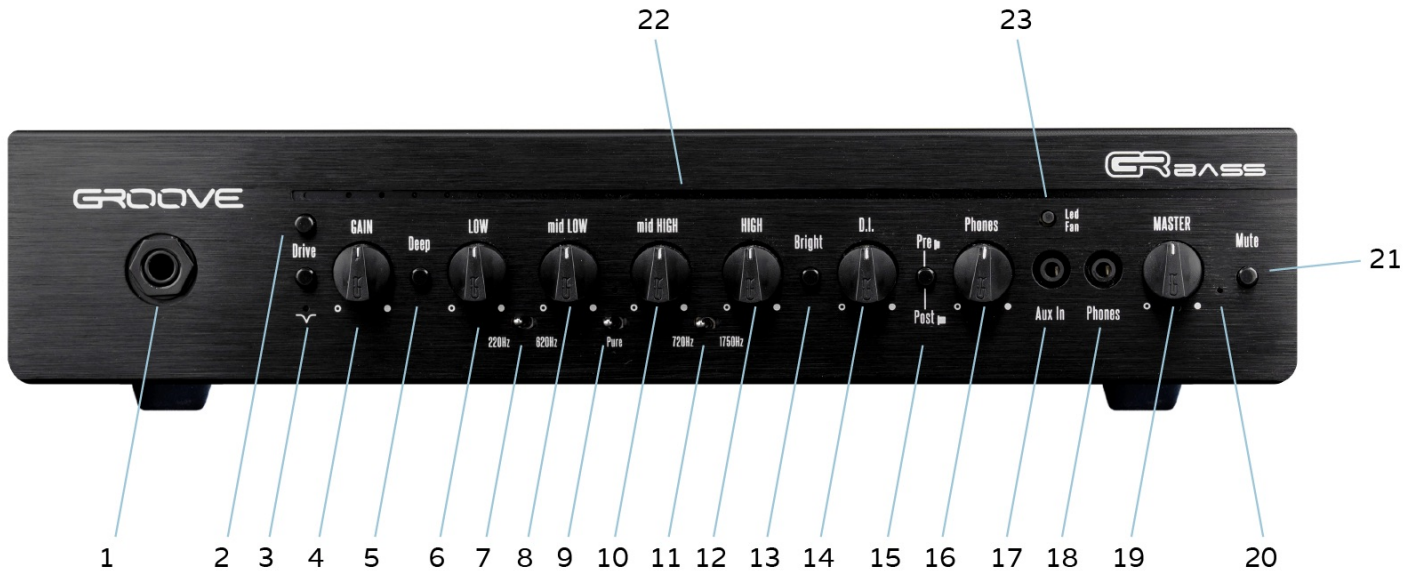
TECHNICAL FEATURES GROOVE 800

- POWER RMS 800W @ 4Ω
- DYNAMIC RANGE: 117dBA
- Parameters of nominal distortion output:
a) TDH+N: - 0.005 % @ 1 W (4Ω, 1 kHz), 0.0008 % @ 50 W (4Ω, 100 Hz)
- Low output impedance: 6mΩ
- Total Efficiency: 84 % @ 800W, 4Ω



CONTROLS DESCRIPTION

TOP PANEL CONTROLS



1. INPUT JACK

Input jack for your bass. We suggest using a good quality cable, to obtain the best audio performance

2. DRIVE BUTTON

Increases and reduces the distortion created by the tubes by making them work in different ways

3. TONE FILTER

To activate an eq. mid scooped

4. GAIN CONTROL KNOB

Sets the input signal amount of the pre-amp

5. DEEP BUTTON

Gives a more deep sound

6. LOW KNOB

Increases or reduces the bass frequencies of the signal

7. MID-Low SWITCH

Use this switch to change the frequency of the mid-low band from 220 Hz and 620 Hz

8. MID-Low KNOB

Increases or reduces the mid-low frequencies of the signal

9. PURE SWITCH

Allows bypassing all the equalization filters of the preamplifier. The pure-mode activation is signaled by the LED on the top of the button

10. MID-High KNOB

Increases or reduces mid-high frequencies of the signal

11. MID-High SWITCH

Use this switch to change the frequency of the mid-high and from 720 Hz and 1750 Hz

12. HIGH KNOB

Increases or reduces the high frequencies of the signal

13. BRIGHT BUTTON

Gives a more bright sound

14. DI KNOB

Controls the DI volume

15. PRE-POST DI BUTTON

Allows you to choose the type of signal to be sent to the DI output DI: PRE EQ or POST EQ

16. HEADPHONES KNOB

Controls the headphones volume

17. AUX-IN JACK

3.5mm jack Auxiliary input to connect an external audio device

18. HEADPHONES OUTPUT

3.5mm plug for headphones

19. MASTER KNOB

Controls the overall volume of the channel

20. OPERATION LED

Blue = normal operation - Red = high level of the input signal (clip)

21. MUTE BUTTON

Turn off the amplifier output. The activation of this mode turns on the red LED on the left of the button. In this mode, the Tuner is always on, whatever LED mode is on

22. VU-METER

24 LEDs that can be used as VU-METER. The LEDs turning red do not indicate that the signal is clipped. The only LED that indicates if the signal is CLIP is the operational LED

23. LED/FAN BUTTON

By pressing this button you can: - scroll through the four VU-Meter display modes, - turn off the 24 LED bar, - turn off the Fan. The last selection made on this button is always memorized.

In the GROOVE 800 and GROOVE 1200 amplifiers, holding down the LED button for about 8 seconds, the fan turns off (STUDIO MODE). To reactivate the fan (LIVE MODE) you must hold down the LED button for about 8 seconds or turn off and turn on the amplifier.

In "LIVE" mode, the fan automatically activates when a preset temperature is reached. In "STUDIO" mode the fan is always switched off, except when a critical temperature is reached. In that case the fan automatically reactivates.

CONTROLS DESCRIPTION

REAR PANEL CONTROLS



24. AC POWER SOCKET (230V - 115V)

IEC plug for power supply connection. The power supply self-recognition feature allows power to the GROOVE with a voltage of 230V or 115V. The supplied cable is equipped with a ground wire. For safety and security reasons, never unplug the ground wire from your equipment.

25. POWER ON/OFF SWITCH

Switch on and off the amplifier.

26. 9 VDC Out

9V DC output to connect external equipment (we recommend connecting 4-5 pedal effects maximum). The polarity is center negative.

27. SEND

6.35mm jack plug to connect an external effect's input

28. RETURN

6.35mm jack plug to connect an external effect's output

29. AUX-IN XLR

XLR Auxiliary input to connect an external audio device. This input is only played from the headphone output.

30. DI OUTPUT

XLR plug.

The DI output is equipped with an anti-bump system, which allows you to turn on and off GROOVE even with the mixer line still on, without causing the annoying and noisy bump.

31. GND LIFT BUTTON

Isolates the DI output from the ground wire.

32. FOOTSWITCH

Turns the MUTE and DRIVE functions on and off.

33. SPEAKON OUTPUT

It is possible to use a 6.35 mm jack. We recommend using a 2 pole Speakon connector. Never use a 6.35 jack guitar cable to connect your amplifier to your speakers.

LIMITED WARRANTY

The warranty covers five years.

The warranty covers any defects in material or workmanship under normal use during the warranty period. Any shipping cost to/from the repair service center is the customer's responsibility. In the event of irreparable damage or repeated failure of the same type, the manufacturer may replace the unit, within the term of the original warranty.

The warranty does not cover parts that may result in faulty due to:

- Negligence or careless use
- Improper installation and maintenance
- Tampering made by unauthorized personnel
- Damages that might not be related to manufacturing defects.

The manufacturer accepts no responsibility for any damage due to persons, animals or things, as a consequence of the failure to comply with all the installation requirements and /or use indicated in this user manual.

PURE SOUND

GR Bass is an innovative and dynamic company that has been working for years in the music amplification sector.

Lightweight, portable but powerful, the GR ONE series will surprise you with its quality and incredible power. The ONE series takes up and perfects the philosophy of PURE SOUND, a fundamental characteristic of GR products. A 4-band equalizer will allow you to sculpt the sound according to your needs but that's not all: you can choose 6 frequencies for the mids, and the deep and bright filters will allow you to add punch and / or definition to the equalization.

www.grbass.com



Via Conchia 54T - 70043 Monopoli (BA) – ITALY
+39 080 5129325 - info@grbass.com