



USERS MANUAL

ONE 350
ONE 800
ONE 1400

PURE  SOUND

USER MANUAL PURPOSE

This user manual is dedicated to the use of the bass amplifiers GR-ONE 800, GR-ONE700x2 and GR-ONE 350.

The manual includes the following information:

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

All the informations described on this user manual are verified.

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



PACKAGING AND STORAGE

PACKAGING

GR-ONE 800, GR-ONE700x2 and GR-ONE 350 are packed in a special cardboard box. The box contains the amplifier, power supply cable and the user manual.

TRASPORT

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: Temperature within -20C and 40C, Humidity 20% to 80%.

PRODUCT DISPOSAL

Please follow the disposal instruction issued by your local council.

In accordance with European Directive 2002/96 / EC, all electrical and electronic products should be disposed 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 of any damage due to an improper use of the product.

MAIN FEATURES

- 2 SPEAKON Independent audio output (ONE 700x2), 1 SPEAKON audio output (ONE 800 and ONE 350)
- XLR DI out
- Headphone Output
- Tuner Output
- Send-Return
- Aux-In
- Output 9V, 250 mA
- Gain control
- Bass, Mid-Low, Mid-High and High equalization control
- Mid-Low frequencies switch
- Mid-High frequencies switch
- Deep setting
- Bright setting
- Pure setting
- Mute setting
- DI volume
- Anti-bump on DI out
- Headphone volume
- Master Volume control (ONE 350 and ONE 800);
- Master volume channel 1 and Master volume channel 2 (ONE 700x2)
- Vu-Meter
- Chromatic tuner
- "Studio" and "Live" fan mode operation

TECHNICAL FEATURES ONE 350

- POWER RMS 350 W @ 4Ω
- DYNAMIC RANGE: 113dBA
- Parameters of nominal distortion output:
 - a) TDH+N: - 0.005 % @ 1 W (4Ω, 1 kHz), 0.0008 % @ 50W (4Ω, 100 Hz)
 - b) CCIF IM distortion = 0.0003 %, 10 W, 4Ω, 18.5 kHz / 1 kHz
- Low output impedance: 6mW
- Total Efficiency: 80 % @ 350 W, 4Ω

TECHNICAL FEATURES ONE 800

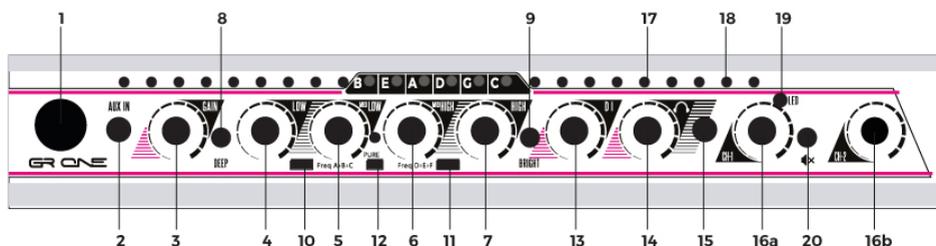
- POWER RMS 800 W @ 4Ω
- DYNAMIC RANGE: 117dBA
- Parameters of nominal distortion output:
 - a) TDH+N: - 0.005 % @ 1 W (4Ω, 1 kHz), 0.0008 % @ 50 W (4Ω, 100 Hz)
- Low output impedance: 6mW
- Total Efficiency: 84 % @ 800 W, 4Ω

TECHNICAL FEATURES ONE 700x2

- POWER RMS 700 W @ 4Ω for single channel
- 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: 6mW
- Total Efficiency: 84 % @ 700 W, 4Ω

CONTROLS DESCRIPTION

FRONT PANEL CONTROLS



1. INPUT JACK

Input jack for you bass. We suggest to use a good quality cable, in order to obtain the best audio performance.

2. AUX-IN

3.5mm jack Auxiliar input to connect an external audio device

3. GAIN CONTROL KNOB

Sets the input signal amount of the pre-amp

4. BASS KNOB

Increases or reduces the bass frequencies of the signal

5. MID-LOW KNOB

Increases or reduces the mid-low frequencies of the signal

6. MID-High KNOB

Increases or reduces mid-high frequencies of the signal

7. HIGH KNOB

Increases or reduces the high frequencies of the signal

8. DEEP BUTTON

Gives a more deep sound

9. BRIGHT BUTTON

Gives a more bright sound

10. MID-LOW SWITCH

Use this switch to change the frequency of the mid-low band from 185 Hz, 375 Hz and 800 Hz.

11. MID-HIGH SWITCH

Use this switch to change the frequency of the mid-high band from 600 Hz, 1200 Hz and 1800 Hz.

12. PURE SWITCH

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

13. DI KNOB

Controls the DI volume

14. HEAR KNOB

Controls the hear volume

15. HEAR OUTPUT

3.5mm plug for headphones

16.a MASTER KNOB (CH1)

Controls the overall volume of :

- the amplifier (GR-ONE 350 and GR-ONE 800)
- the channel 1 output (GR-ONE 700x2)

16.b MASTER KNOB CH2 (only for the GR-ONE 700x2)

Controls the overall volume of the channel 2 output

17. OPERATION LED

Green = normal operation.

Orange = high level of the input signal (clip).

18. VU-METER - Chromatic tuner

24 LEDs bar that can be used as VU-METER, in order to

visualize the signal intensity, or as Chromatic tuner. The six central LEDs, labeled by the letters B E A D G C, are very important when the LEDs bar is used as chromatic tuner. In fact they identify six different musical notes. Each of these LEDs will light blue or red, depending on whether you are playing a tuned or untuned note. In the case of an untuned note, the red LEDs on the left or the red LEDs on the right of the six central one, will red light up indicating a waning or increasing note respectively. The higher is the number of red LEDs on the more important is the untuned condition.

19. LED BUTTON

By pressing this button you can: a-scroll through the four VU-Meter display modes, b-select the mode tuner, c- turn off the 24 LED bar.

The last selection made on this button is always memorized.

On the ONE 800 and ONE 700x2 amplifiers, pressing the LED button for about 8 seconds allows to select the operation mode of the fans by switching from "LIVE" to "STUDIO" and vice-versa; a brief flash of 24 LEDs visually displays the selection change.

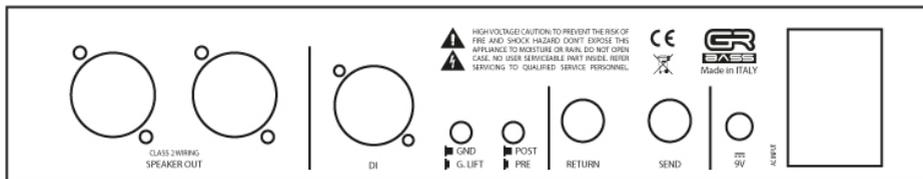
In "LIVE" mode the fans will activate when the amplifier reaches a safe temperature threshold. In "STUDIO" mode, the fans are normally turned off; however, after several hours of use and under rather hard climatic conditions, the fans may turn on. Every time the amplifier is switched on, the operating mode is reset to "LIVE" mode.

On the ONE 350 amplifier, pressing the LED button for about 8 seconds allows to toggles the cooling fan activation.

20. MUTE BUTTON

Turn off the amplifier output. The activation of this mode turns on the red LED on the left of the button.

REAR PANEL CONTROLS



AC POWER SOCKET (230V - 115V)

IEC plug for power supply connection . The power supply self-recognition feature allows to power the GR-ONE 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 equipments.

POWER ON/OFF SWITCH

Switch on and off the amplifier.

9 VDC Out

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

SEND

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

RETURN

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

DI OUTPUT

XLR plug.

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

GND LIFT BUTTON

Isolates the DI output from the ground wire.

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.

SPEAKON OUTPUT

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

LIMITED WARRANTY

The warranty covers a period of three 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 centre is the customer's responsibility. In the event of an 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 which may result 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 consequence of the failure to comply all the installation requirements and / or use indicated in this user manual.



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