



MANUAL

GR CUBE 110



USER MANUAL PURPOSE

This user manual is dedicated to the use of the Combo Bass Amplifiers Cube 350, Cube 500, and Cube 800.

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

GR Cube 110 is packed in a special cardboard box. The box contains the Combo 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: 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.

MAIN FEATURES HEAD

- XLR DI out
- Headphone Output
- Aux-In
- Gain control
- Bass, Mid and High equalization control
- Mid frequencies switch
- Deep button
- Bright button
- Mute button
- Anti-bump on DI out
- Master Volume control

TECHNICAL FEATURES CUBE 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

MAIN FEATURES CABINETS

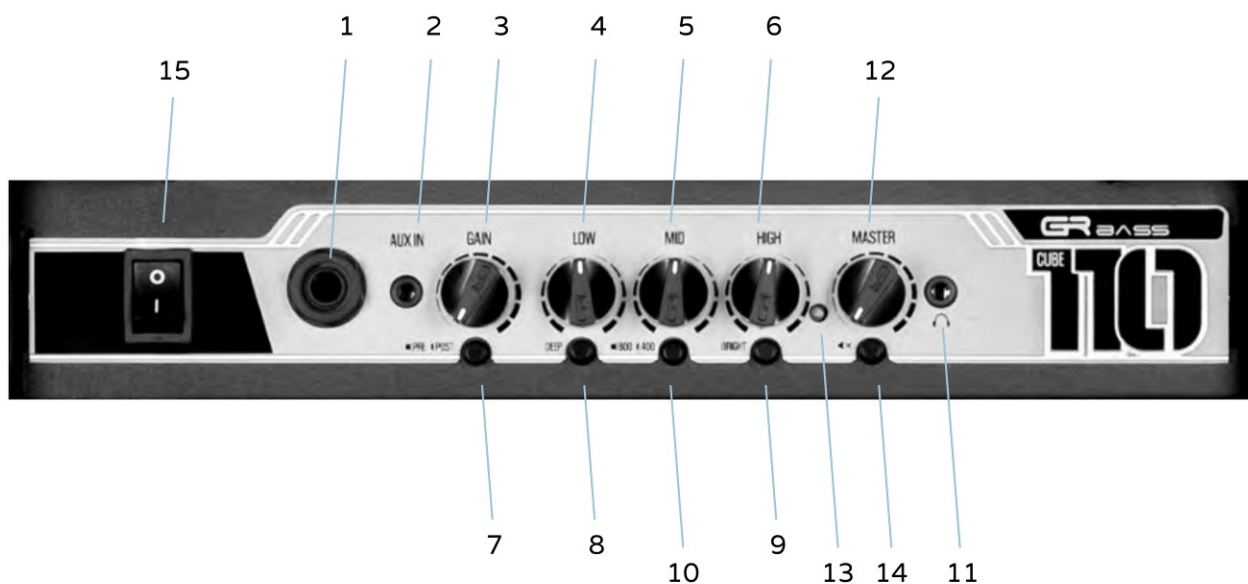
- 2 SPEAKON audio inputs
- 3-Level selector for the tweeter

TECHNICAL FEATURES CABINET

- Impedance: 4 Ohm
- Bass Reflex: Rear
- Woofer: 1x10" Custom GR Bass by Jensen SICA Neodymium speaker
- Power Handling: 300W RMS (AES Standard)
- Tweeter: 1"
- Frequency Response: 42 Hz to 18 kHz
- Sensitivity: 98dB SPL

CONTROLS DESCRIPTION

FRONT PANEL CONTROLS



1. INPUT JACK

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

2. AUX-IN

3.5mm jack Auxiliary 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 KNOB

Increases or reduces the mid-low frequencies of the signal

6. HIGH KNOB

Increases or reduces the high frequencies of the signal

7. PRE / POST D.I. BUTTON

Activates or deactivates the EQ. section only on the D.I. output

8. DEEP BUTTON

Gives a more deep sound

9. BRIGHT BUTTON

Gives a more bright sound

10. MID BUTTON FREQUENCY

Use this button to change the mid frequency from 400 Hz to 800 Hz

11. HEADPHONES OUTPUT

3.5mm plug for headphones

12. MASTER CONTROL KNOB

Controls the overall volume

13. OPERATION LED

Green = normal operation

Orange = high level of the input signal (clip)

14. MUTE BUTTON

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

15. POWER ON/OFF SWITCH

Switch on and off the amplifier

CONTROLS DESCRIPTION

REAR PANEL CONTROLS



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

IEC plug for power supply connection. The power supply self-recognition feature allows power to the Combo 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

17. D.I. OUTPUT

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

18. 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

GR Bass products are under warranty for 2 years.

The user can get 3 additional years of warranty by registering the product on the GR Bass website.

If the customer won't register the product, the customer will have the standard limited guarantee of 2 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.

GR Bass is not responsible for shipping damage, either to or from our service center.

Claims must be filed with the carrier.

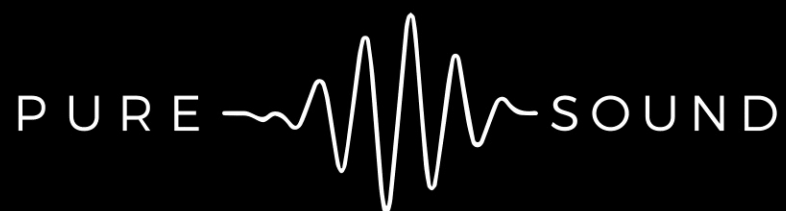
The warranty does not cover parts that may result in faulty due to:

- Careless use
- Improper installation and maintenance
- Tampering made by unauthorized personnel
- Damages that might not be related to manufacturing defects.
- Normal wear and tear (for example damages to or discoloration of finish for any reason).
- Any product that has been altered or modified in any way
- Any product that the serial number has been tampered with or altered.
- Damages caused by accidents, force, lightning, strike, fire, unsuitable ventilation, deposits of undefined substances, battery leakage, or any other unforeseeable risks that GR Bass can neither predict nor influence in any way.

The warranty period starts from the date of purchase reported on the invoice. Your sales slip or purchase invoice is necessary for warranty service.

Speakers are covered for 1 year from the date of purchase reported on the invoice.

GR Bass accepts no responsibility for any damage due to persons, animals, or things, damages for loss of profits or business, or damages resulting from the use or performance of the product.



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

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