



M A N U A L

ACTIVE CABINETS

AT 110-350 ACT • AT 112-350 ACT • AT 112H-350/800 ACT • AT 210V-350/800 ACT • AT 212 Slim-800 ACT
AT 410-800 ACT • NF 110-350 ACT • NF CUBE 112-350 ACT • NF 112H-350/800 ACT
NF 210V-350/800 ACT • NF 212 Slim-800 ACT • NF 410-800 ACT

USER MANUAL PURPOSE

This user manual is dedicated to the use of all the bass active cabinets by GR Bass (350 and 800 watts):

- AT 110-350 ACT
- AT 112-350 ACT
- AT 112H-350/800 ACT
- AT 210V-350/800 ACT
- AT 212 Slim-800 ACT
- AT 410-800 ACT
- NF 110-350 ACT
- NF CUBE 112-350 ACT
- NF 112H-350/800 ACT
- NF 210V-350/800 ACT
- NF 212 Slim-800 ACT
- NF 410-800 ACT

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

Active cabinets 350 and 800 are 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 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 product use.

MAIN FEATURES

- XLR DI out
- Low control
- High control
- Master Volume control
- 1 SPEAKON/JACK audio output *(only for 800watt version)
- Input, balanced type
- Input impedance 20k ohm bal (10k ohm unbal)
- Max gain 20db

- Equalizer, cut/boost type
- Low, max 15db @ 40 hz, 3db @ 350hz
- High, max 12 db @ 6.5khz, 3db @ 1khz

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
- Balanced output, xlr
- 6db respect to gain

CONTROLS DESCRIPTION

REAR PANEL CONTROLS

350



800



1. INPUT XLR/JACK

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

2. LOW KNOB

Increases or reduces the bass frequencies of the signal

3. HIGH KNOB

Increases or reduces the high frequencies of the signal

4. VOL CONTROL KNOB

Controls the overall volume

5. D.I. OUTPUT (Pre EQ) Balanced Output

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

6. POWER ON/OFF SWITCH

Switch on and off the amplifier

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

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

8. SPEAKON OUTPUT *(only for 800watt version)

It is possible to use a 6.35 mm jack but we recommend using a 2-pole Speakon connector. Never use a 6.35 jack guitar cable to connect your amplifier to your external 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.

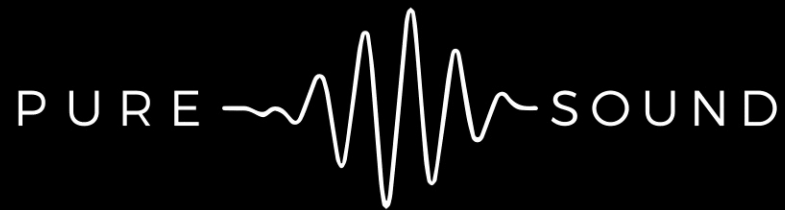
The warranty does not cover parts that may result in faulty due to:

- 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.

www.grbass.com



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