

# GS112Ba

ACTIVE BASS SPEAKER

GS SERIES PRO LOUDSPEAKER SYSTEM

USER MANUAL **EN**








UM- GS112Ba- 20111101 ver A



# SAFETY INSTRUCTIONS

## PLEASE READ THIS MANUAL FIRST

Thanks for buying 3G Audioproducts. Read this manual first as it will help you operate the system properly. Please keep this manual for future reference.

-  **WARNING:** *This product must be installed by professionals. When using the hanging and rigging parts that are not appointed, please ensure the intensity of the structure comply with the local safety criterion.*
-  **WARNING:** *To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.*
-  **WARNING:** *To reduce the risk of electric shock, only qualified professionals can remove the cover of this system.*

	<b>CAUTION</b> RISK OF ELECTRICAL SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		





	<b>AVIS</b> RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR	
ATTENTION : POUR RÉDUIRE LE RISQUE DE DÉCHARGE ÉLECTRIQUE, NE RETIREZ PAS LE COUVERCLE (OU L'ARRIÈRE). IL NE SE TROUVE À L'INTÉRIEUR AUCUNE PIÈCE POUVANT ÊTRE RÉPARÉE PAR L'USAGER. S'ADRESSER À UN RÉPARATEUR COMPÉTENT.		



**The lightning flash & arrowhead symbol within an equilateral triangle is intended to alert you that this part is not dielectric, and may cause the hazard of electric shock.**



**The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.**

-  **ATTENTION:** *This system must be connected to the output socket with grounded thread.*
-  **ATTENTION:** *Don't refit the system or spare parts without being authorized as this will cause the hidden trouble.*
-  **WARNING:** *Don't lay the fire source (such as litten candle) above the equipment.*
-  **ATTENTION:** *Please operate cautiously even when the main socket or the coupling apparatus is used as disconnection equipment.*

1. Read this instruction first before using this product.
2. Please keep this manual for future reference
3. Pay attention to all warnings.
4. Obey all operating instructions.
5. Do not expose this product to rain or moisture.
6. Smear this equipment with dry cloth.
7. Do not block any ventilation openings. Install according to instructions of the manufacturer.
8. Do not install this product near any heat source, such as caliduct, heater, burner, or any other equipment with heat radiation (include amplifier).
9. Do not destroy the safety settings of the polarity or grounded connector. If the connector provided can't be plugged into the socket, please ask for the electrician to change the socket.
10. Avoid the thread (especially the connector, socket, and the parts outside the body) to be under kick or heavily hustled.
11. Only use spare parts appointed by manufacturer. .
12. Please only use cart, stand, tripod, bracket and table that are appointed by manufacturer or sold together with the apparatus. Please avoid overturn the cart or apparatus when push.
13. In the event of lighting flash or nonuse for a long period, please put off the power supply and pull out the cord to avoid unexpected dangers.
14. When the apparatus damages in the case of the power cord or connector damages, liquids spill into the inside of the product or objects fall into, exposure to rain or moisture, apparatus are out of work or breaks, please ask for the help from the professionals.
15. To avoid hazard of fire or electric shock, please avoid socket, extend thread, and power supply been overloaded.
16. Take care that objects do not fall into and that liquids are not spilled into the inside of the product as this will cause hazard of fire or electric shock.
17. Pay attention to the safety symbol in the outer side of the cover.
18. Only plug the connector in proper power supply of which the voltage complies with this equipment. Please follow the operating instruction or symbol.
19. This equipment must be protected from the spill or insufflations of liquid. Do not lay objects filled with liquid (such as vase) above this equipment.

## CONTENT:

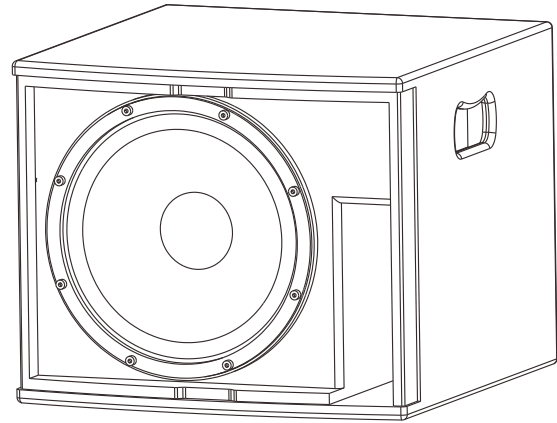
PRODUCT INTRODUCTION	3
FEATURE	3
DESCRIPTION	3
APPLICATION	3
INSTALLATION	4
INSTALLATION	4
AMPLIFIER MODULE	4
REAR PANEL	4
TECHNIQUE DATA	5
SPECIFICATION	5
FREQUENCY RESPONSE AND IMPEDANCE CURVE	5
2D DIMENSION	6

## GS112Ba

Gs series professional loudspeaker system

### FEATURE:

- Computer aided design to optimize frequency and phase response.
- One 12" Low frequency Driver.
- Band pass design, High intensity enhanced cabinet construction.
- 300W amplifier Module.
- Suitable for enhanced low frequency venues.



### DESCRIPTION:

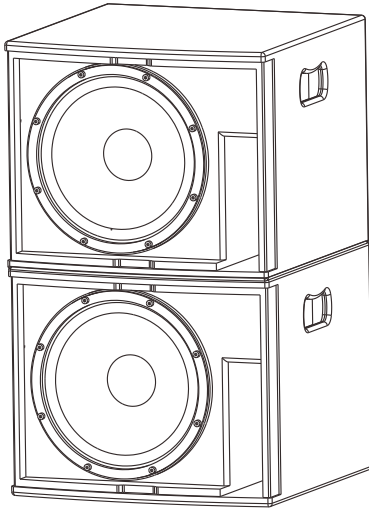
3G Audio<sup>®</sup> GS112Ba is an active bass speaker. The cabinet is made from 15mm plywood, the coating is polyurethane to make the cabinet more weather resistant. It is built in 300W amplifier module, which has inner limiter crossover, the crossover point is from 38-150Hz. The speaker has one 12" bass speaker six order band pass resonance cabinet structure. It is suitable for big Karaoke room, disco club, and so on.

### APPLICATION:

- Disco club
- Big Karaoke room
- Hi

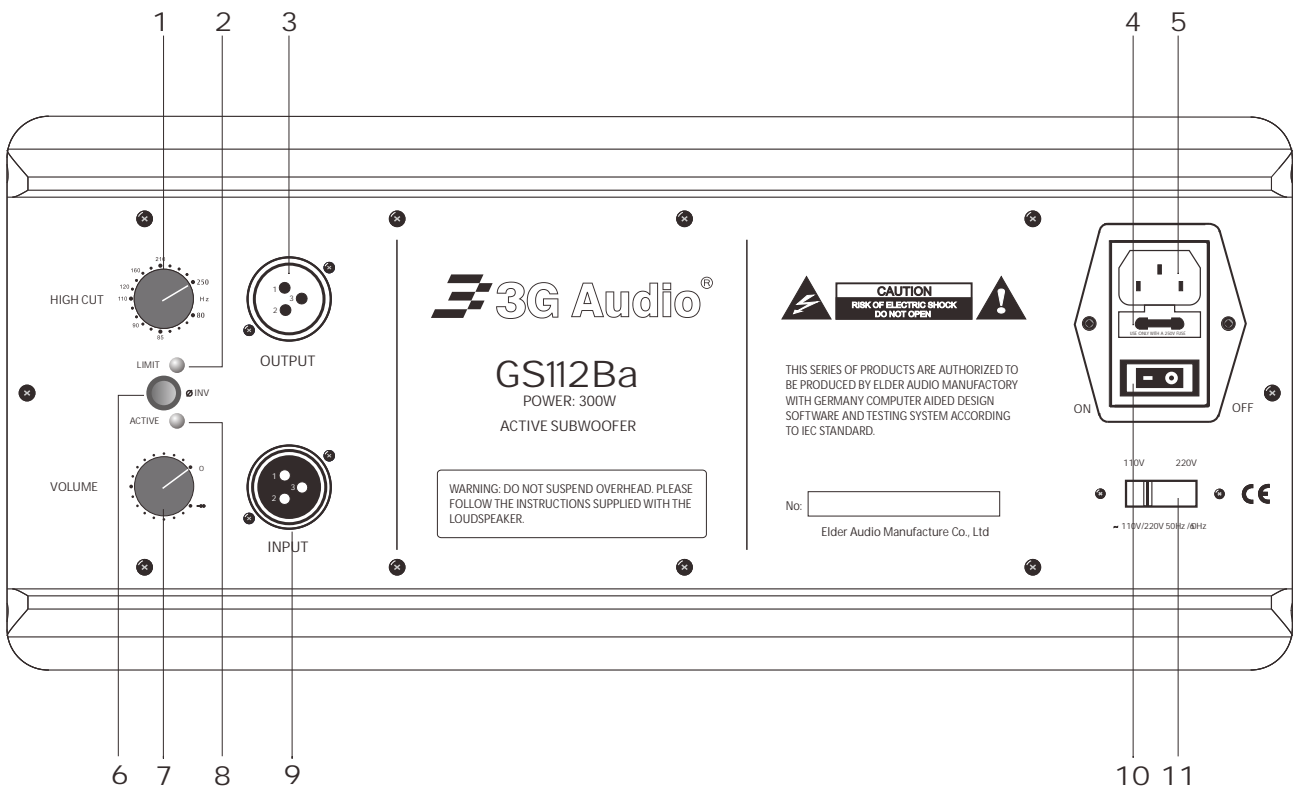
## INSTALLATION

### 1. Stacking



## REAR PANEL

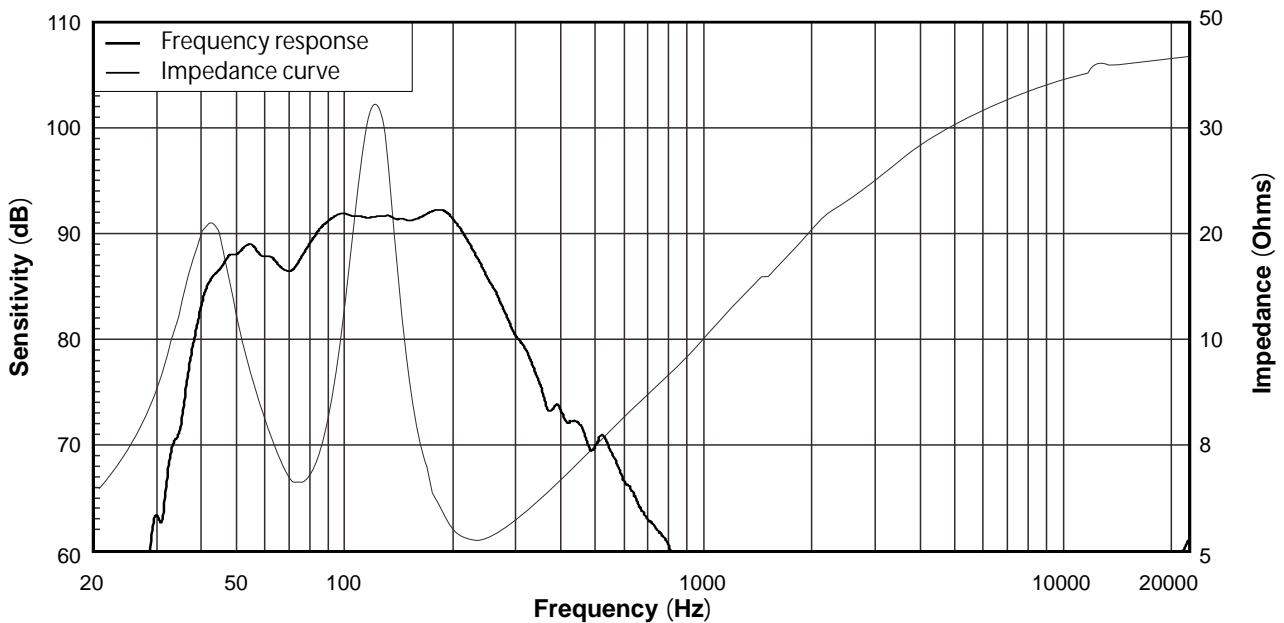
1. High cut
2. Limit
3. Microphone/ signal output
4. Fuse
5. Power socket
6. Phase invert switch
7. Volume
8. Indicator
9. Microphone/ signal input
10. Power switch
11. AC switch



SPECIFICATION:

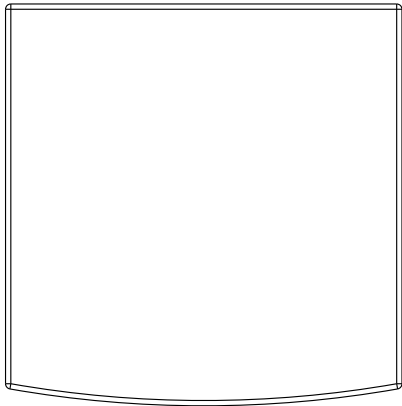
Work Frequency:	40Hz-250Hz
Frequency response (-3dB):	40Hz-250Hz
Max. SPL(1m):	118dB
Dynamic range:	>110dB
LF:	1 × 12"
Impedance	4
Voice coil diameter	75.5mm
Power	300W(RMS)
Input type:	Balance
Connector:	XLR
Input impedance(line):	20k Balance input, 10k imbalance input
Filter:	LF Pass, ButterWorth/24dB
Input electromotive force:	775mV (rated working condition)
Input overload electromotive force:	>=8V (Normal working condition)
High Cut range:	80Hz-250Hz
THD+N:	<0.0080% @ +0 dBV
Amplifier mode:	Class H
Overall consumption power:	580W (rated working condition)
Cooling:	natural heat dissipation
Safety Voltage range:	100V-130V/200V-250V AC, 50/60 Hz
Cabinet:	15mm, 11 layer Plywood
Handle:	2 wooden handles
Coating:	Black polyurethane for the cabinet and Black power coating for the grill
Speaker Dimension(W×H×D):	450 × 370 × 456mm (17.7 × 14.6 × 18.0in)
Package Dimension(W×H×D):	560 × 485 × 560mm (22.0 × 19.1 × 22.0in)
Net weight:	24.0kg(53 lb)
Gross Weight:	26.0kg(57 lb)

FREQUENCY RESPONSE AND IMPEDANCE CURVE:

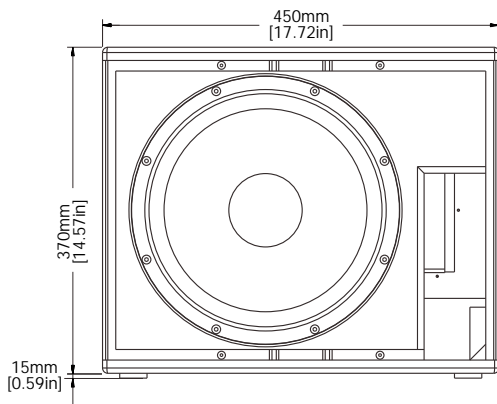


## 2D DIMENSION:

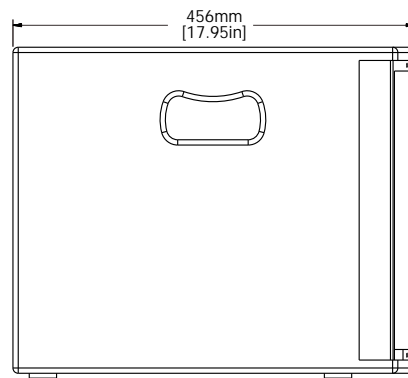
Top view



Front view



Side view



Back view

