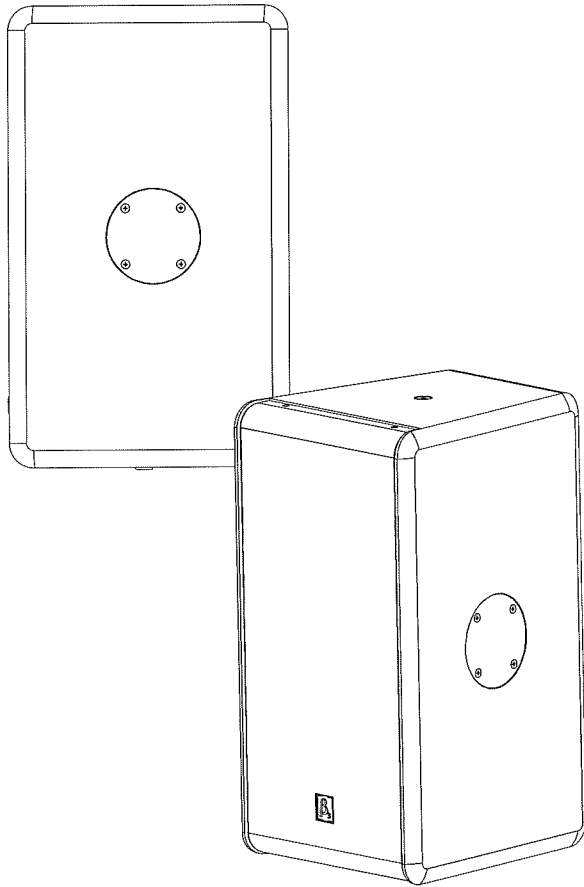




Beta Three



T108

8" Two Way Full Range
Speaker System

User Manual



UM-T108-20180529 ver A

备注:

1. 说明书实物共12P, 第2、11P为空白。
2. 材质: 100g书写纸。
3. 装订方式: 打骑马钉。
4. 成品尺寸为A4大小。



设计	郭小英	三基音响科技有限公司			文件(图)号	
审查	李丁				DES12-Y0803-A	
审核	李丁	物品名称 (图名)	英文说明书	物品规格	印度02/β 3/T108(黑色)	
批准	李丁			商品劳务号	101.05.0009.03380	
生效日期	2018.5.30	物品类别	专业音箱	版本	A	第1页 共10页



SAFETY INSTRUCTIONS

PLEASE READ THIS MANUAL FIRST

Thank you for a buying β_3 product. 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 hanging brackets or rigging other than those supplied with the product, please ensure they comply with the local safety codes.

	CAUTION	
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.		

	AVIS	
RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIIR		
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 exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

⚠ ATTENTION: Don't refit the system or spare parts without being authorized as this will void the warranty.

⚠ WARNING: Don't place naked flames (such as candles) close to the equipment.

1. Read the instruction manual 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. Clean this equipment with a dry cloth.
7. Do not block any ventilation openings. Install according to manufacturer's instructions .
8. Do not install this product near any heat source, such as a, heater, burner, or any other equipment with heat radiation .
9. Only use spare parts supplied by the manufacturer.
10. Pay attention to the safety symbol on the outside of the cover.

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▲ Product information may be updated without notification, please visit www.beta3pro.com for latest update.

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PRODUCT INTRODUCTION

T108
8"TwoWay Full Range Speaker System

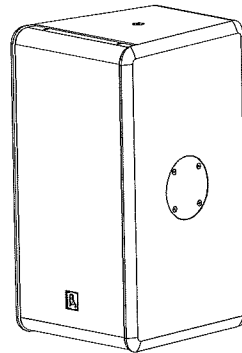


T108

8"TwoWay Full Range Speaker System

Main Features

- With 8 inches all frequency unit and 25 core compression of full range speaker.
- Frequency response 70Hz-17kHz(-3dB).
- Sensitivity 94dB, Max SPL 113dB.
- Dispersion 100° x 100°.
- Rated power 80w, max power 320w.
- Plywood cabinet with durable textured paint finish.
- Can be installed alone or stacked in multiples using the optional accessories. Suitable for many venues including inside and outside undercover environments.
- Designed for high speech intelligibility and natural sounding music.
- Quick install U bracket included.



Product Description

β[®] T108 speakers mainly for those who seek to meet the high quality of the meeting rooms and design. Strict quality control during the R&D, manufacturing, materials inspection, procedure inspection and shipment inspection make sure every unit meet the high standard demand.

The cabinet is made of high intensity PLY board. Special multilayer white painting with scratch-resistant and erode-resistant feature protect the cabinet surface perfect. Selected POLYESTER damping materials absorb cabinet stand wave effectively. Built-in crossover circuit and different voltage output give the user more options.

Flying configuration adopts scratch-resistant and rusty-resistant aluminum alloy and special surface finish in order to meet the different application environments, various flying modes are available. The mounting height at vertical direction can be adjustable. Wire clip is very convenient for connection and installation.

Aiming at this special cabinet, the transducers used are optimized by our experienced engineers, whom focus on the magnetic system and vibration system. To get the excellent performance, the engineers take a lot of advanced technology to decrease the magnetic impedance and lower the magnetic leakage, and not increase the transducer weight.

Applications

- churches/temples
- multifunction halls
- meeting rooms
- schools
- small auditoriums
- shopping malls
- transport terminals
- theme parks

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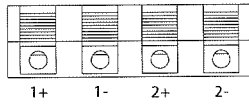


T108
8" Two Way Full Range Speaker System

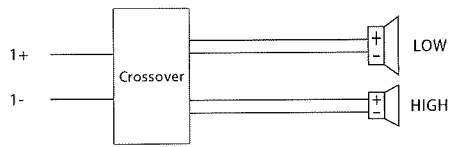
CONNECTION

The 4 way push terminal connectors are available for amplifier connections. Paralleled connector is very convenient for another speaker connection.

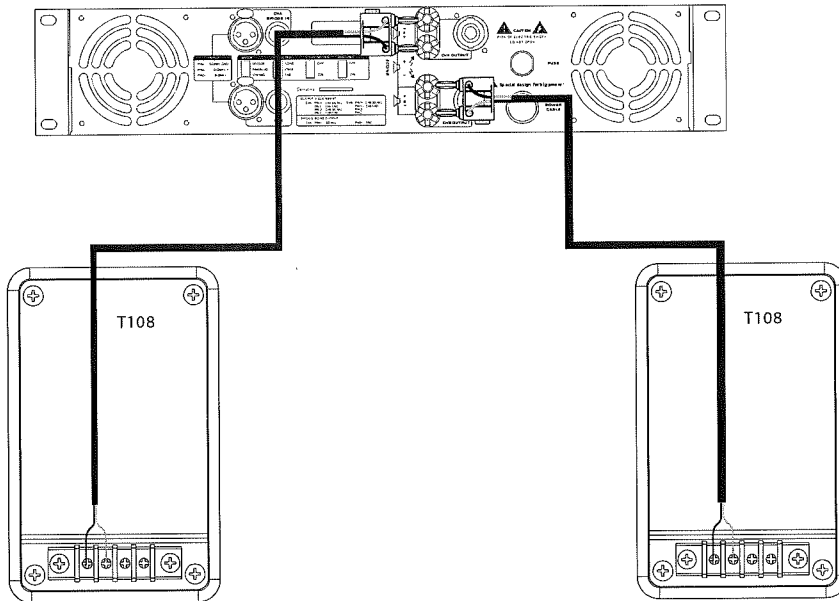
Push Terminals



1+ 1- INPUT



System Reference Diagram



- ▲ Attention:** The impedance of connected speaker must match the impedance of amplifier output.
- ▲ Attention:** Make sure the polarity of speaker and amplifier correctly.

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INSTALLATION

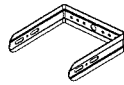
T108
8" Two Way Full Range Speaker System



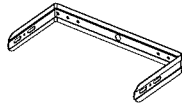
Installation Accessories(Optional)

The standard flying mounting hardware is very convenient for different installations and applications.

1. U-Bracket(Vertical)



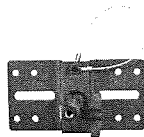
2. U-Bracket(Horizontal)



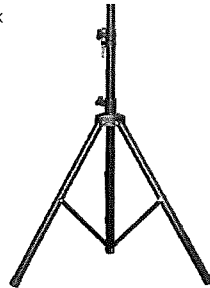
3.Lifting the base (when use, will take from the cabinet, in turn, can be installed in the cabinet to see lifting point.)



4.Wall bracket



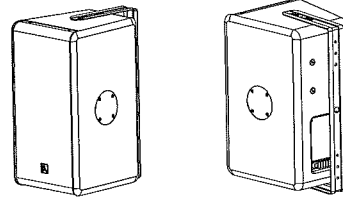
5.Speaker stand SPS-502BC black



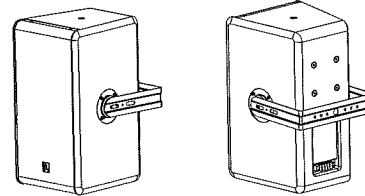
Warning: Always ensure the mounting accessories safety factor is not less than 5:1 or that it meets the local standards.

Installation Reference

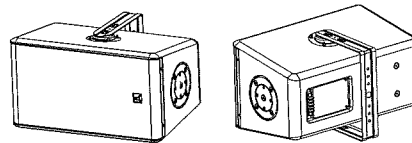
1.Hanging A



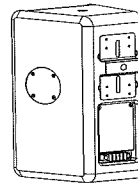
2.Hanging B



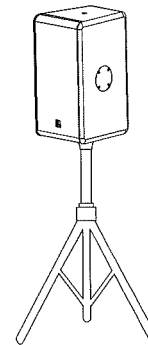
3.Hanging C



4.Hanging D



5.Support



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Specifications

Product:	Passive Wooden Speaker
Transducer:	1x 8" LF, 1x25mmHF
Frequency Response(-3dB):	70Hz-17kHz
Frequency Response(-10dB):	60Hz-18kHz
Sensitivity(1W@1m):	94dB
Maximum SPL(1m):	113dB/119dB (PEAK)
Power:	80W (RMS) ⁴ 160W (MUSIC) 320W (PEAK)
Dispersion Angle(HxV):	100 ° x 100 °
Rated Impedance:	8 ohms
Cabinet:	12/15mm plywood construction
Installation:	Mounting L bracket included and optional mounting points provided.
Paint:	Black durable textured finish
Grill:	Black powder coated, 1.2mm steel mesh.
Connector:	4-Push terminal
Dimension(WxDxH):	242 × 260 × 425mm (9.5 × 10.2 × 16.7in)
Packing Dimension(WxDxH):	335 × 310 × 505mm (13.2 × 12.2 × 19.9in)
Net Weight:	8.5kg(18.7 lb)
Gross Weight:	9.5kg(20.9 lb)
Optional Accessories:	Speaker stand,U-Bracket

Speaker Testing Method

1. Frequency Response

Use Pink noise to test the speaker in the anechoic chamber, adjust the level to make the speaker work at its rated impedance and set the output power at 1W, then test the frequency response 1m away from the speaker.

2. Sensitivity

Use full range Pink noise which has been modified using an EQ curve to test the speaker in the anechoic chamber, increasing the signal to make the speaker work at its rated impedance and set the power output at 1W, then test the sensitivity 1m away from the speaker.

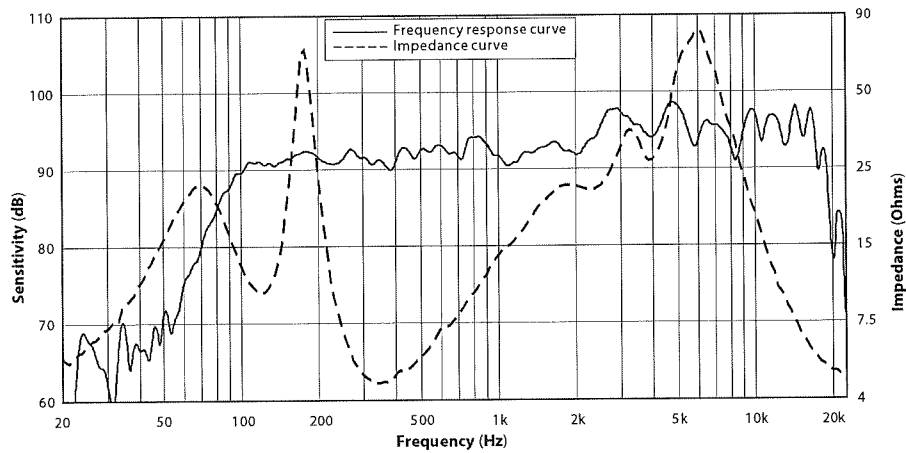
3. MAX.SPL

Use full range Pink noise which has been modified using an EQ curve to test the speaker in the anechoic chamber, increase the signal to make the speaker work at its maximum power output level, then test the SPL 1m away from the speaker.

4. Rated Power

Use Pink noise to the IEC#268-5 standard to test the speaker, increase the signal for a continuous period of 100 hours, the rated power is the power when the speaker will show no visible or measurable damage.

Frequency response curve & Impedance curve



6

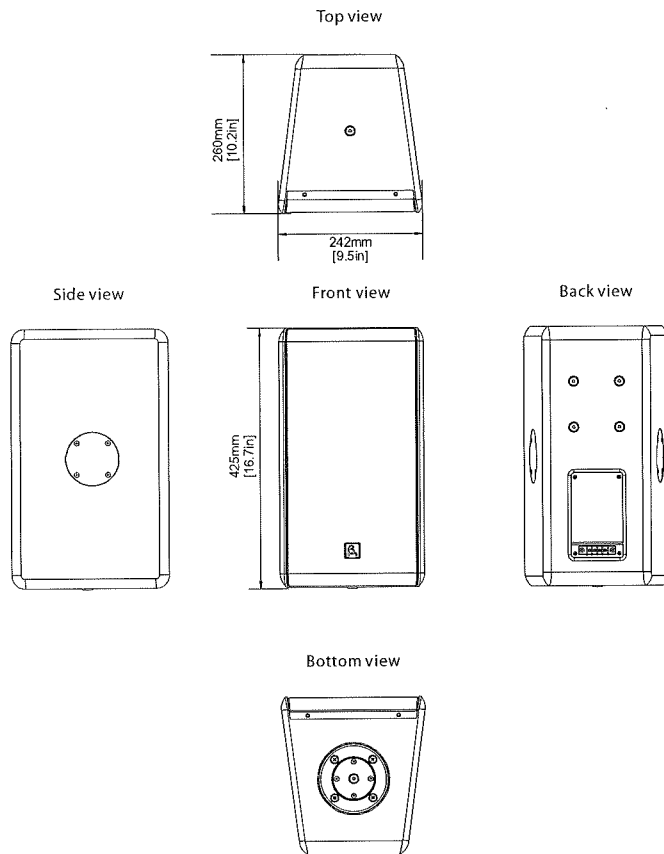
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TECHNICAL SPECIFICATIONS

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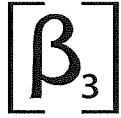
Dimensions



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Notes:

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