

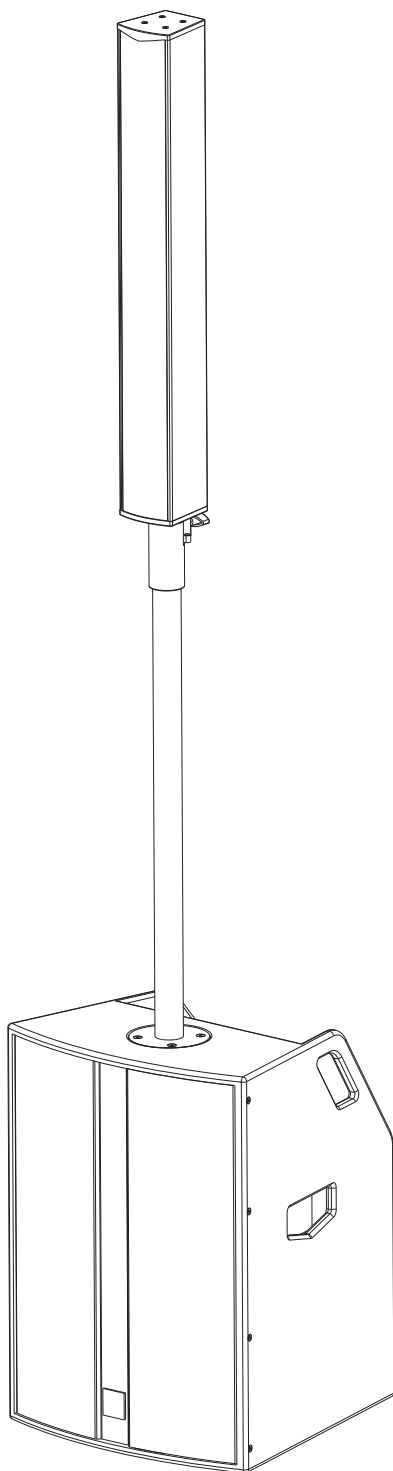


Beta Three

BT1500

Professional Active Performance System

User Manual





UM-BT1500-20180821 ver A



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 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 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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BT1500

Professional Active Performance System

Features

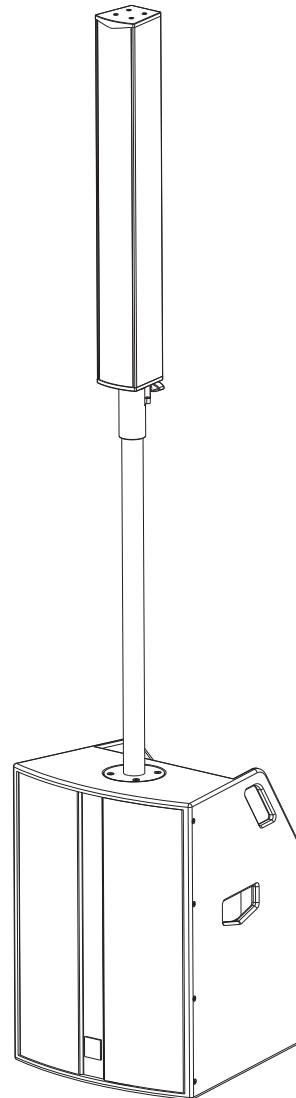
- Compact, small and high SPL
- Specially designed for small touring performance
- Portable and easy installation design
- Max. SPL 117dB (peak)
- Bi-amp module of CLASS D
- Bluetooth connection available

Description

β 3[®] BT1500 is an active two-way 9-unit inverting full-range speaker, specially designed for small touring performance.

BT1500 is a perfect sound reinforcement solution that can be used quickly and easy set up, Installation and inter-connecting can be done with one minute, easily carry with bogs, no need extra power amplifier, mixer or any other speakers, one set BT1500 with bluetooth, connecting with laptop, can be used for the applications for Conference, small touring performance and small party

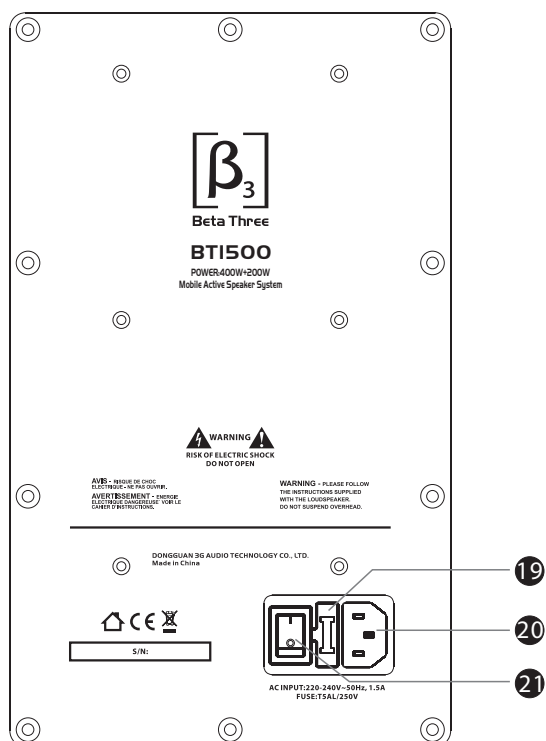
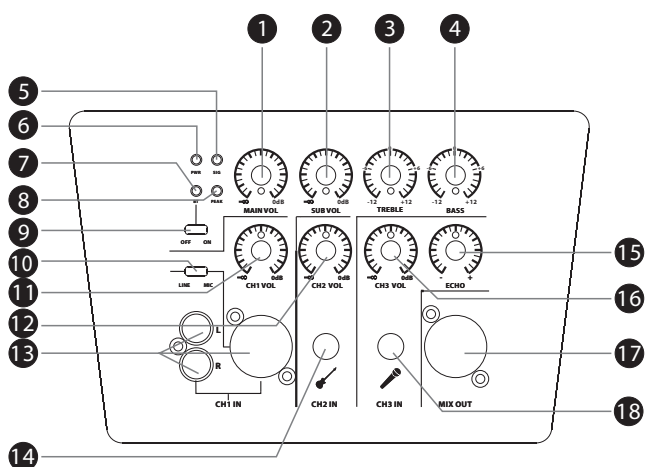
It is a high power, high SPL wooden active speaker system with one 15" woofer six 2.75" mid-range, two 1" dome tweeter and Bi-amp module of CLASS D, adjustable angle support rod, you can enjoy the most realistic and beautiful sound through whatever stand or sit



Applications

- Small touring performance
- Small party
- Conference

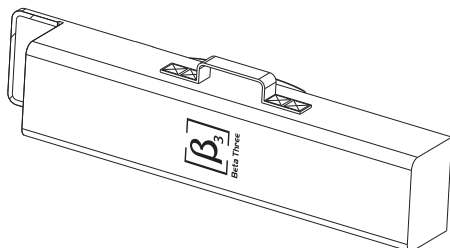
Amplifier Module



- 1、 **MAIN VOL KNOB:**
The master volume control , MIN is the minimum volume, MAX is the volume maximum.
- 2、 **SUB VOL KNOB:**
The master volume control , MIN is the minimum volume, MAX is the volume maximum.
- 3、 **TREBLE VOL KNOB:**
Treble volume control , 12dB attenuation at -12 , 12dB increase at +12
- 4、 **BASS VOL KNOB:**
Bass volume control , 12dB attenuation at -12 , 12dB increase at +12
- 5、 **SIG INDICATOR:**
Signal input status indicator
- 6、 **POWER INDICATOR:**
Power status indicator ,The indicator is on when power is on, and the indicator is off when the power is off
- 7、 **BLUETOOTH INDICATOR:**
Bluetooth status indicator, Bluetooth is connected green light on, Bluetooth is not connected traffic light flashes.
- 8、 **PEAK INDICATOR:**
Clip indicator
- 9、 **BLUETOOTH CONTROL TOGGLE SWITCH:**
The switch is set to the ON position to turn on Bluetooth, to the OFF position to turn off the Bluetooth.
- 10、 **CH1 XLR INPUT SWITCH :**
CH1 IN channel XLR mode switching (LINE/MIC switching)
- 11、 **CH1 VOL KNOB:**
CH1 input channel volume independent control , MIN is the minimum volume, MAX is the volume maximum volume.
- 12、 **CH2 VOL KNOB:**
CH2 input channel volume independent control , MIN is the minimum volume, MAX is the volume maximum volume.
- 13、 **CH1 IN SIGNAL INPUT INTERFACE:**
CH1 IN signal input includes left and right channels RCA and XLR signal input interfaces
- 14、 **CH2 IN SIGNAL INPUT INTERFACE**
- 15、 **ECHO VOL KNOB:**
CH3 channel microphone reverb volume control , MIN is the minimum volume, MAX is the maximum volume
- 16、 **CH3 VOL KNOB:**
CH3 input channel independent volume control , MIN is the minimum volume, MAX is the maximum volume
- 17、 **MIX OUT MIXED OUTPUT INTERFACE**
- 18、 **CH3 IN MIC INPUT INTERFACE**
- 19、 **FUSE**
- 20、 **POWER INPUT SOCKET**
- 21、 **POWER SWITCH**

Installation Accessories

1.Full Frequency Speaker BAG: 101.05.0007.00087



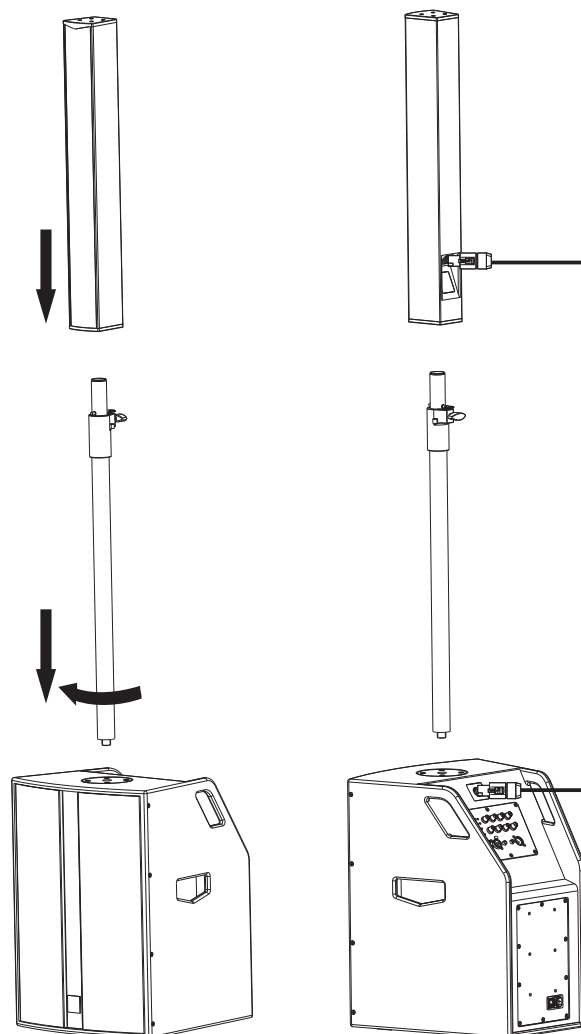
2.Support Rod: 101.06.0036.00090



Installation Reference

1. Quick Installation

Following instruction allow to install , turn it clockwise to fix it.

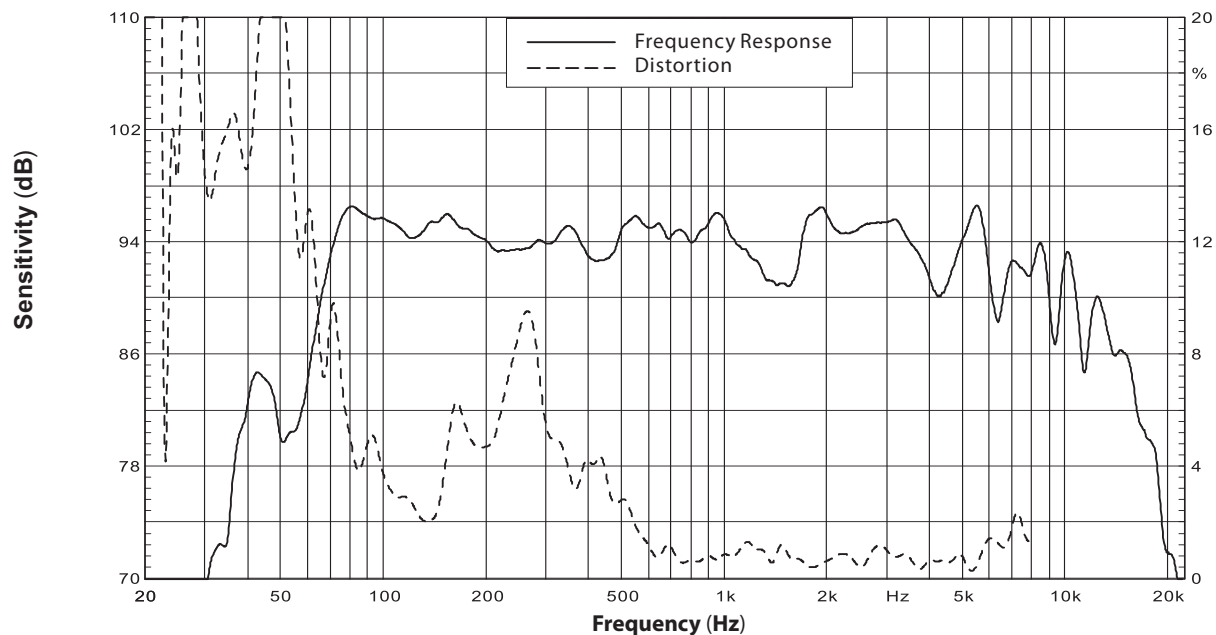


Warning: Make sure the mounting accessories safety factor not less than 5:1 or meet the local standard during installation .

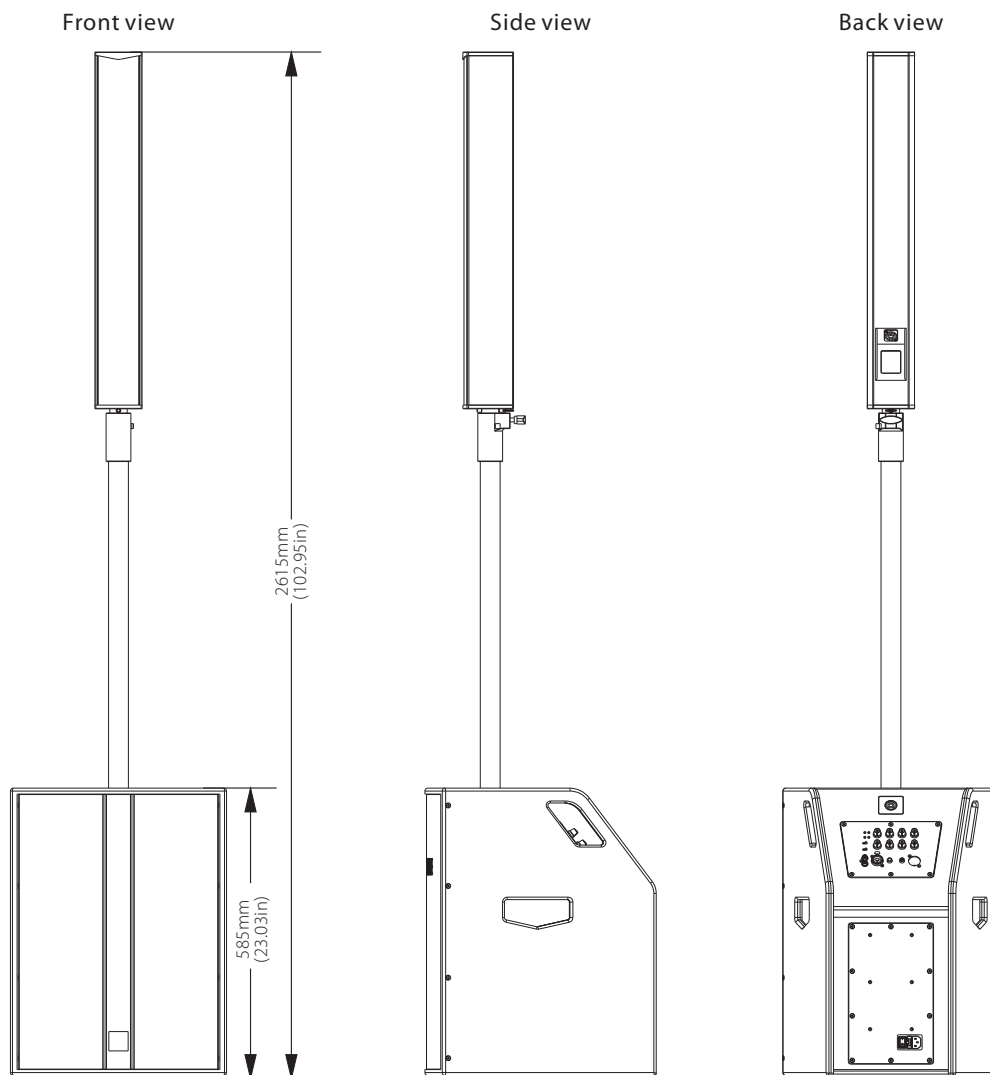
Specification

Frequency response(-3dB):	60Hz-18kHz
Max.SPL:	111dB/117dB(PEAK)
Dispersion(H×V):	120°×40°
Transducer:	1× 15" Woofer
	6× 2.75"+2×1" Mid-high units
Amplifier Power:	800W
Rated impedance:	4 Ohms
Connector:	XLS、RCA、 6.35 MIC INPUT 、 Mixed male output
Input:	Three channel balanced input XLR/ 6.35、 TRS、 RCA
Input impedance(line):	20kohm balanced input, 10kohm unbalanced input
Input impedance(MIC):	2kohm balanced input, 1kohm unbalanced input
Input level:	CH1: LINE IN: 0.775Vrms, MIC IN: 50mVrms, RCA IN: 185mVrms; CH2: 50mVrms±20%; Ch3: 50mVrms±20%
Input overloading level:	CH1:LINE IN:≥7Vrms, MIC IN:≥1Vrms, RCA IN:≥1.6Vrms; CH2:≥2Vrms; CH3:≥0.4Vrms
Wire connection:	pin 1: ground; pin2: signal +; pin3: signal -
Heat radiation:	Forced air-cooled drives
Power cable:	PowerCon, three pins
Safety voltage range:	AC 220V-240V~50Hz
Max power consumption:	1.5A@230V(1/3 Power 4 Ohms)
Cabinet:	Plywood,column loudspeaker
Handle:	4× Wooden handles
Painting:	Cabinet coated by Polyurethane paint; grille is powder coated , inside is black cotton
Cabinet dimension(W×D×H):	Full Range: 96×102×720mm(3.8×4.0×28.4in) Bass speaker: 438×467×585mm(17.2×18.4×23.0in)
Packing dimension(W×D×H):	Full Range: 270×215×950mm(10.6×8.5×37.4in) Bass speaker: 595×545×705mm(23.4×21.5×27.8in)
Net weight:	Full Range: 4.3kg(9.46 lb); Bass speaker: 19.3kg(42.46 lb)
Gross weight:	Full Range: 7.1kg(15.62 lb); Bass speaker: 22.6kg(49.72 lb)

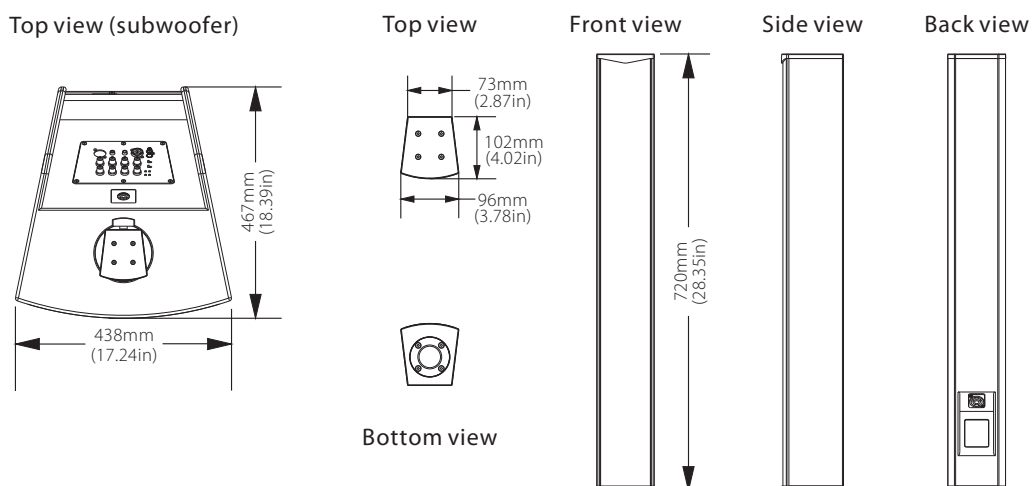
Frequency response curve & THD curve



2D Dimension



BT15100 EXT:



Notes:



Beta Three