



Product Description

The Tannoy 110TB Tile Bridge subwoofer - like its companions, the 110SR (Sheet Rock) is a compact, 10" down-firing, vented cabinet capable of 31Hz - 150Hz @ -3dB (active), 41Hz - 150Hz @ -3dB (passive).

Easy to install and with no special construction requirements, the 110TB drops into a 2' x 2' ceiling tile space. It integrates invisibly into the environment by using a standard air conditioning vent cover as a speaker grille.

The 110TB features a resonance decoupling system, and each corner of the cabinet is fitted with a seismic tether point. The four corner flying points allow the unit to be flown in free space via a 3/8" threaded rod, a chain or aircraft cable. Fire rating is NFP-A Grade A.

The 110TB incorporates an 203mm (8.00)" x 254mm (10.00)" input module located on the side of the cabinet. The input module controls are easily accessed by lifting the adjacent ceiling tile.

The 110TB can be ordered with a passive input module (110TB-P) connected via barrier strip, or with a passive internal crossover (110 TB-PX). Both passive modules can be powered by a THP 60 Watt / 70 Volt line transformer for distributed systems (110TB-P70V and 110TB-PX70V).

Alternatively, the 110TB can be powered by a 200 Watt active amplifier (110TB-A).

Features

- 254mm (10.00") bass unit
- Easy access to system controls
- Input module options - system flexibility
- Seismic tether points
- Eye bolts and threaded rod inserts for "free space" suspension
- Class A fire hazard classification paint
- Quick & easy mounting
- Active input module
- 200 Watts - 8 Ohms load
- L/R fully balanced inputs & outputs
- Variable low pass
- Fixed 80Hz high pass output available

Applications

- Foreground music systems
- Business music systems
- Retail outlets
- Reception / waiting rooms
- Boardrooms & offices
- Museums and interactive exhibits
- Convention centers, hotels
- Cruise ships
- Houses of worship

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tannoy®.com



CMS 110TB

TANNOY®

TECHNICAL SPECIFICATIONS

System	CMS 110TB	
Frequency Response		
Active	(-3dB) ⁽¹⁾	31Hz - 150Hz
	(-10dB)	26Hz
Passive	(-3dB) ⁽¹⁾	41Hz - 150Hz
	(-10dB)	32Hz
Rated Maximum SPL @ 1 meter	105dB (average), 111dB (peak)	
Electronics		
Input	3 pin XLR female; pin 2 positive	
Sensitivity ⁽²⁾	500mV for rated output	
Low Pass Filter	Fixed 12dB/oct @ 130Hz, with variable 12dB /oct, 50 - 150Hz	
High Pass Filter	Fixed 12dB/oct @ 80Hz	
Amplifier Type	Class AB Mosfet	
Amplifier Output Power	200 Watts into 8 Ohms load	
User Controls and Indications	Level, low pass frequency, bass boost. Pin 1 lift, phase +/- 180 degrees, low pass, all pass, power on/off	

Construction		
Driver Complement	254mm (10.00") bass unit	
Enclosure	Direct radiating vented MDF	
Connectors (Passive Modules)	Barrier strip	
Finish	Textured Black	
Dimensions	251mm x 598mm x 598mm (9.9" x 23.54" x 23.54")	
Net Weight (each)	19.5kg (43lbs)	

Notes:

(1) Average over stated bandwidth. Measured at 1 meter on axis.

(2) Unweighted pink noise input, measured at 1 meter in an anechoic chamber

A full range of measurements, performance data, and Ease™ Data can be downloaded from www.tannoy.com

Tannoy operates a policy of continuous research and development. The introduction of new materials or manufacturing methods will always equal or exceed the published specifications, which Tannoy reserves the right to alter without prior notice. Please verify the latest specifications when dealing with critical applications.

Ordering Information

PART NUMBER	MODEL NAME	COLOUR	PACKED QUANTITY
8001 1170	CMS 110TB –A 220V	BLACK	1
8001 3536	CMS 110TB Passive 110SR-P	BLACK	1
8001 3538	CMS 110TB Passive c/w L.P.F. 110TB-X	BLACK	1
8001 3537	CMS 110TB Passive c/w 60W 70V transformer 110TB-70V60W	BLACK	1
8001 3539	CMS 110TB Passive c/w 60W 70V transformer and L.P.F. 110TB-70Vx60W	BLACK	1
8001 3533	CMS 110TB Active c/w 200W amp 110V 110TB-A	BLACK	1

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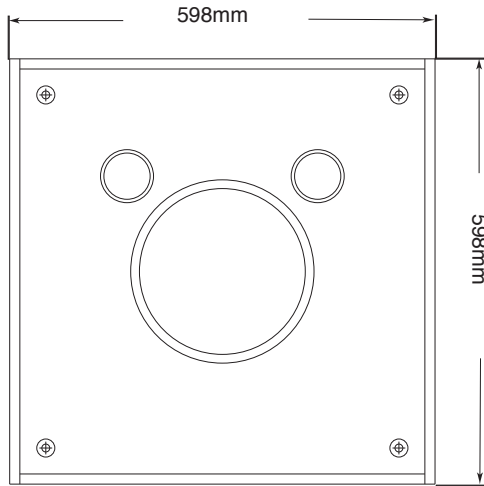
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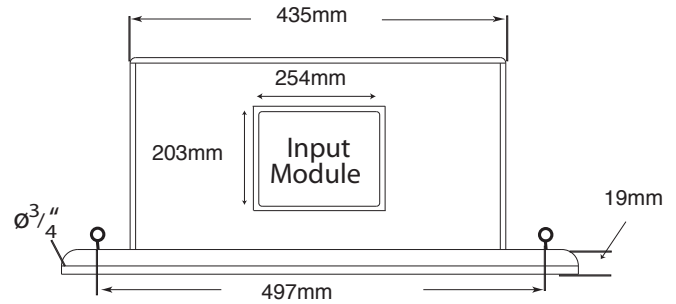


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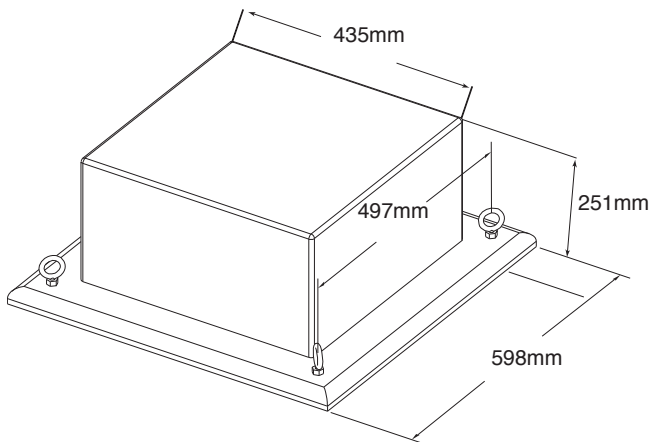
Top Elevation



Side Elevation



Front Elevation





Architectural specifications

The bass loudspeaker shall consist of a 254mm (10.00") low frequency transducer mounted within a vented direct radiating enclosure. An 203mm (8.00") x 254mm (10.00") input module shall be incorporated into the design to offer multiple system options.

Performance of the loudspeaker, without any electronic control shall meet or exceed the following criteria; Frequency response measured at 1 meter on axis with swept sine wave shall be 31Hz - 150Hz (+/-3dB) - active, 41Hz - 150Hz (+/-3dB) - passive.. Sensitivity shall be 500mV for rated output on active input module and at least 93dB (half space) on passive input modules for 2.83 Volts @ 1 meter. The system shall be capable of producing a peak output level of 111dB (half space) on axis at 1 meter. The system shall have a nominal impedance of 6 Ohms, maximum power handling shall be 200 Watts (programme).

The enclosure shall be an optimally tuned, vented enclosure constructed of MDF and finished in a textured Black fire resistant paint. Input connectors shall be a barrier strip on passive modules and 3 pin XLR female on active module. The enclosure shall be designed to fit into a 2'x2' tile bridge ceiling, includes 4 eye bolts for safety and threaded inserts for free space suspension. The enclosure shall not exceed the following dimensions (H x W x D): 251mm x 598mm x 598mm or (9.88" x 23.54" x 23.54").

The bass loudspeaker shall be the...110TB.