

## COMPACT SERIES ENGINEERING INFORMATION

**The TCX-15B is a bandpass sub-bass loudspeaker designed to complement TCX series mid/high cabinets in a wide range of installed music sound reinforcement applications.**

It consists of a 15" low frequency driver in a bandpass loaded enclosure designed for extended low frequency response.

When used with Turbosound Loudspeaker Management Systems, TCX loudspeakers can be controlled and monitored over a BVNet network using TurboDrive™ control software.

Constructed from 5/8" (15mm) birch plywood, the cabinet is available in black or white textured paint as standard,

and includes internal rigging points that allow it to be suspended in permanent installations using M10 eyebolts. A pole mount socket is provided to allow two-way cabinets to be mounted at the correct height above the subwoofer.

The rear connector panel provides two Speakon NL4 connectors for input and loop-out functions, wired in parallel with a 4-way barrier strip connector.



### FEATURES

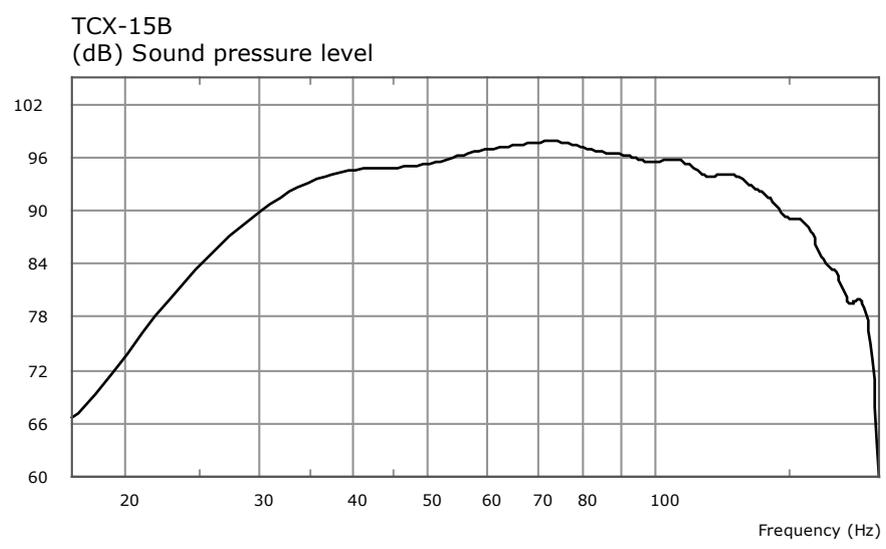
- Bandpass loading**
- Compact cabinet**
- Pole mount socket**
- Internal rigging points**
- Speakon NL4 and barrier strip connectors**

### APPLICATIONS

- Mobile DJ**
- Corporate / industrial**
- House of Worship**
- Live music venues**

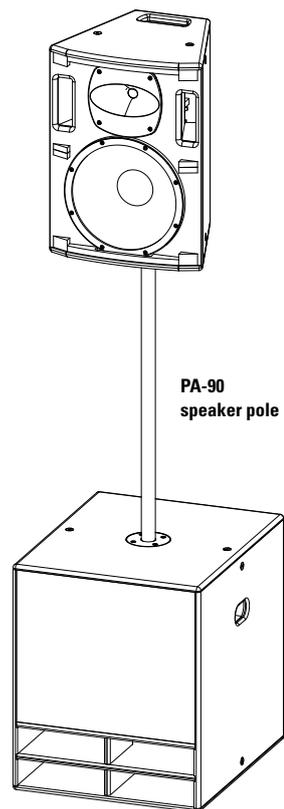
<b>DIMENSIONS (HxWxD)</b>	600mm x 500mm x 600mm (23.6" x 19.7" x 23.6")	
<b>NET WEIGHT</b>	35.5kg (78lbs)	
<b>COMPONENTS</b>	1 x 15" (380mm) LF driver	
<b>FREQUENCY RESPONSE</b>	28Hz - 150Hz $\pm$ 10dB, 35Hz - 125Hz $\pm$ 3dB	
<b>POWER HANDLING</b>	1000 watts continuous, 2000 watts program	
<b>SENSITIVITY</b>	95dB 1w @ 1m	
<b>MAXIMUM SPL</b>	125dB continuous, 131dB peak	
<b>NOMINAL IMPEDANCE</b>	8 ohms	
<b>CONSTRUCTION</b>	15mm (5/8") birch plywood	
<b>FINISH</b>	Black or white semi-textured paint	
<b>GRILLE</b>	Powder coated perforated mild steel	
<b>CONNECTORS</b>	(2) Neutrik Speakon NL4MP, wired pin 1+: positive, pin 1- : negative, pins 2+ and 2- N/C (1) 4-way barrier strip connector	
<b>FLYING HARDWARE</b>	(8) M10 internal rigging points	
<b>SPARES AND ACCESSORIES</b>	LS-1532	15" LF loudspeaker
	RC-1532	Recone kit
	PA-90	Speaker pole 90cm
	PA-100	Speaker pole 100cm

**FREQUENCY  
RESPONSE**



**INSTALLATION  
HARDWARE**

TCX mid/high loudspeakers can be mounted at the correct height above the TCX-15B low frequency cabinet using Turbosound straight poles of various heights.



**ARCHITECTURAL  
& ENGINEER'S  
SPECIFICATIONS**

The system shall be of the low frequency type consisting of one 15" (381mm) LF driver. Performance specifications of a typical production unit shall meet or exceed the following: Frequency response, measured with swept sine wave input, shall be flat within  $\pm 10\text{dB}$  from 28Hz to 150Hz, and within  $\pm 3\text{dB}$  from 35Hz to 125Hz. Power handling shall be 1000 watts continuous, 2000 watts program. Maximum SPL (peak) measured with music program at stated amplifier input shall be 131dB. Dimensions: 600mmH x 500mmW x 600mmD (23.6"H x 19.7"W x 23.6"D). Weight: 35.5kg (78lbs). The loudspeaker system shall be the Turbosound TCX-15B. No other loudspeaker shall be acceptable unless submitted data from an independent test laboratory verify that the above combined performance / size specifications are equalled or exceeded.

**DIMENSIONS**

