

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.



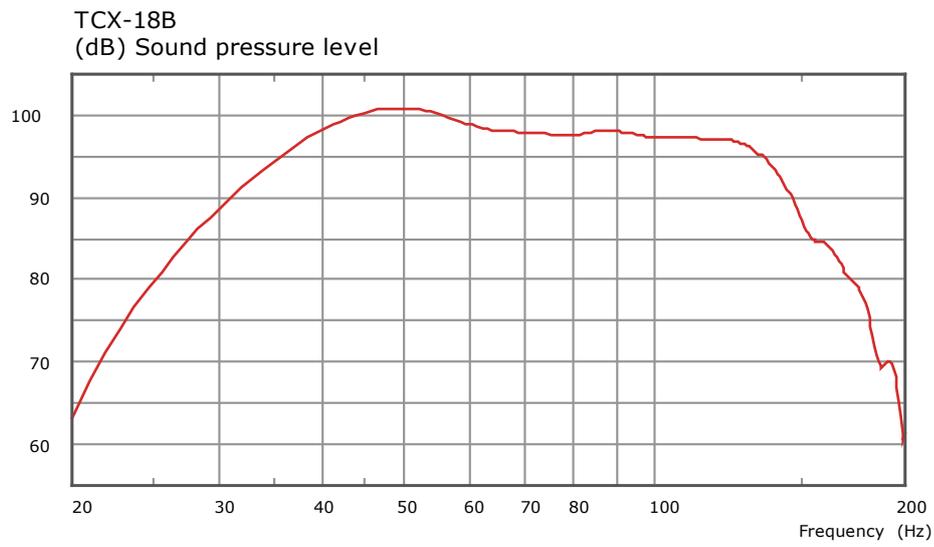
FEATURES

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

APPLICATIONS

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

DIMENSIONS (HxWxD)	660mm x 560mm x 660mm (25" x 22" x 26")	
NET WEIGHT	42.5kg (93.5lbs)	
COMPONENTS	1 x 18" (457mm) LF driver	
FREQUENCY RESPONSE	25Hz - 125Hz \pm 10dB, 35Hz - 150Hz \pm 3dB	
POWER HANDLING	1000 watts continuous, 2000 watts program	
SENSITIVITY	97dB 1w @ 1m	
MAXIMUM SPL	127dB continuous, 133dB peak	
NOMINAL IMPEDANCE	8 ohms	
CONSTRUCTION	15mm (5/8") birch plywood	
FINISH	Black or white semi-textured paint	
GRILLE	Powder coated perforated mild steel	
CONNECTORS	(2) Neutrik Speakon NL4MP, wired pin 1+: positive, pin 1- : negative, pins 2+ and 2- N/C (1) 4-way barrier strip connector	
FLYING HARDWARE	(8) M10 internal rigging points	
SPARES AND ACCESSORIES	LS-1816	18" LF loudspeaker
	RC-1816	Recone kit
	PA-90	Speaker pole 90cm
	PA-100	Speaker pole 100cm



**FREQUENCY
RESPONSE**

**ARCHITECTURAL
& ENGINEER'S
SPECIFICATIONS**

The system shall be of the bandpass subwoofer type consisting of one 18" (457mm) 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 25Hz to 150Hz and within $\pm 3\text{dB}$ from 35Hz to 150Hz. Power handling shall be 1000 watts continuous, 2000 watts program. Maximum SPL (peak) measured with music program at stated amplifier input shall be 133dB. Dimensions: 660mmH x 560mmW x 660mmD (25"H x 22"W x 26"D). Weight: 42.5kg (93.5lbs). The loudspeaker system shall be the Turbosound TCX-18B. 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

