

The TCS-215C is a front-loaded low frequency loudspeaker enclosure designed to give bass and sub-bass reinforcement to TCS Compact series two-way enclosures in a wide variety of fixed installations ranging from cafés, pubs, bars and restaurants to retail stores and houses of worship.

It consists of two 15" reflex-loaded low frequency drivers in an optimally tuned rectangular enclosure. The TCS-215C is designed to form part of a two-way active system when used in conjunction with TCS Compact series two-way enclosures and a Turbosound LMS series Loudspeaker Management System.

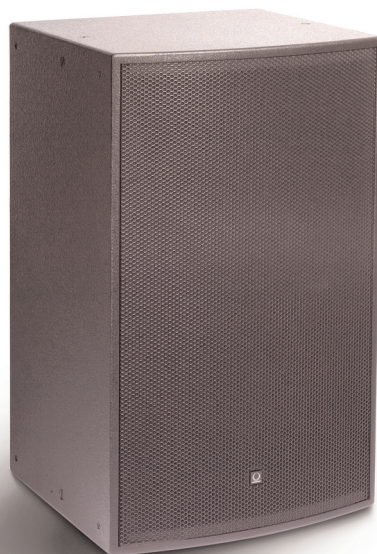
The cabinet is constructed from 18mm (3/4") birch plywood, screwed and glued together for maximum rigidity, and is finished in black or white semi-matt textured paint; raw

wood and custom colour options are also available for decor matching. A powder-coated perforated steel mesh grille backed with reticulated foam protects the drive units from damage.

M10 rigging points are provided on the top, bottom, sides and rear of the cabinet to enable it to be suspended and angled in permanent installations using standard M10 shoulder eyebolts.

A Neutrik Speakon NL4MP and a four-way barrier strip connector are located on the rear panel, providing input and parallel connections to additional TCS Compact series cabinets.

A weather-resistant version to IP54 is available, for use outdoors and in humid conditions.



FEATURES

- High efficiency
- Multiple rigging points
- IP54 option
- Custom colour options

APPLICATIONS

- Fixed installation
- Pubs and clubs
- House of Worship

DIMENSIONS (HxWxD)	891mm x 550mm x 506mm (35.1" x 21.7" x 19.9")
NET WEIGHT	47kg (103.4lbs)
COMPONENTS	2 x 15" (381mm) LF drivers
FREQUENCY RESPONSE¹	40Hz - 150Hz ±4dB
POWER HANDLING	600 watts r.m.s., 1200 watts program Recommended amplifier power 1200 watts @ 4 ohms
SENSITIVITY²	99dB, 1 watt @ 1 metre
MAXIMUM SPL	127dB continuous ⁴ , 133dB peak ⁵
REC. CROSSOVER	125Hz, 24dB/octave, LR
NOMINAL IMPEDANCE	4 ohms
CONSTRUCTION	18mm (3/4") birch plywood enclosure. Finished in black semi-matt textured paint
GRILLE	Powder coated perforated steel mesh, backed with black reticulated foam on black cabinets; backed with white acoustically transparent cloth on white cabinets
CONNECTORS	(1) Neutrik Speakon NL4MP, wired pin1+: positive, pin 1-: negative, pins 2+ and 2- N/C (1) 4-way barrier strip connector
OPTIONS	Optional finishes: white, raw birch plywood, and custom colours IP54 weather-resistant version (TCS-215CW)
FLYING HARDWARE	(9) M10 internal threaded rigging points
SPARES AND ACCESSORIES	LS-1523 15" (381mm) LF loudspeaker RC-1523 Recone kit

Notes

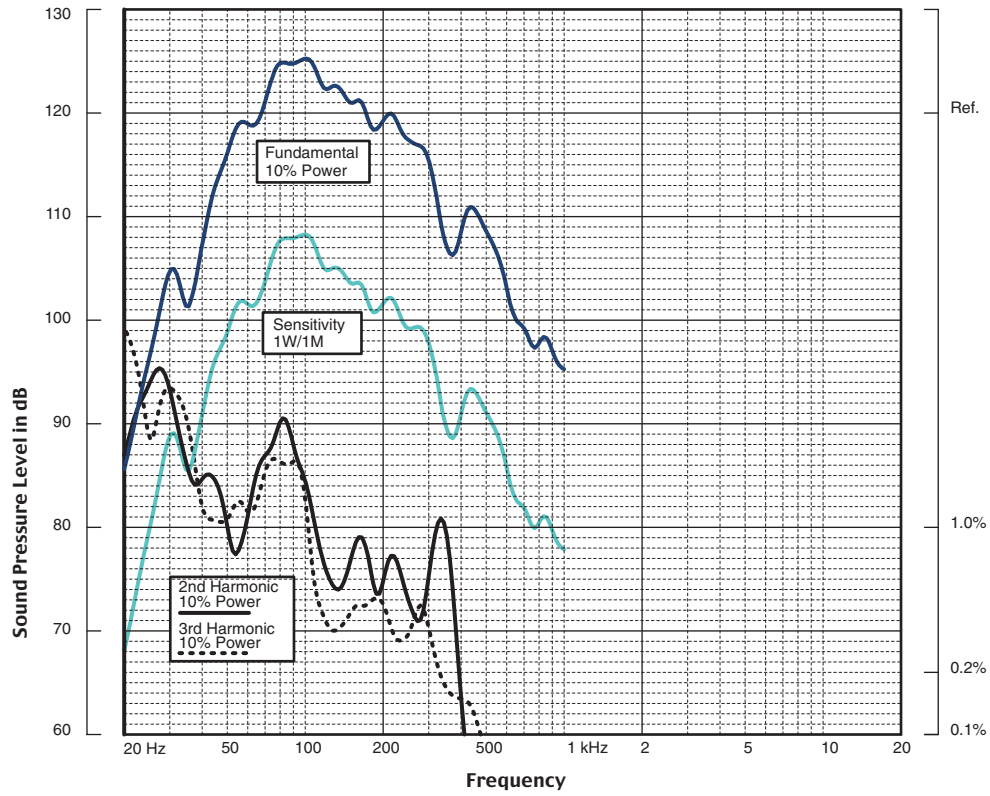
¹ Measured on axis

² Average over stated bandwidth

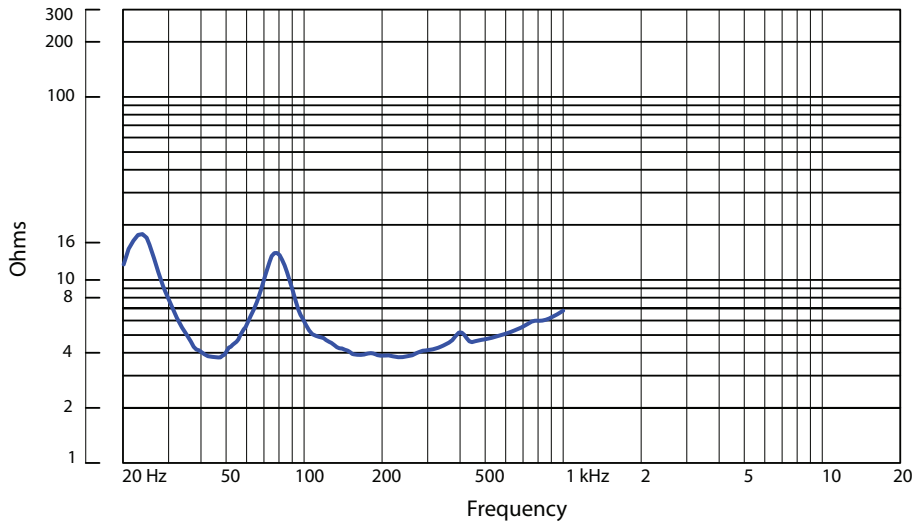
³ Average over stated bandwidth

⁴ Unweighted diode-clipped pink noise. Measured in a half space environment

⁵ Verified by subjective listening tests of familiar program material, before the onset of perceived signal degradation



FREQUENCY RESPONSE



IMPEDANCE

INSTALLATION AND RIGGING HARDWARE

**ARCHITECTURAL
& ENGINEER'S
SPECIFICATIONS**

The speaker shall be of the low frequency type consisting of two 15" (381mm) low frequency drivers. 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 $\pm 4\text{dB}$ from 40Hz - 150Hz. Nominal impedance shall be 4 ohms. Power handling shall be 600 watts r.m.s., 1200 watts program. Sensitivity, measured with 1 watt input at 1 metre distance on axis, mean averaged over stated bandwidth, shall be 99dB. Maximum SPL (peak) measured with music program at stated amplifier input shall be 133dB. Dimensions: 891mmH x 550mmW x 506mmD (35.1"H x 21.7"W x 19.9"D). Weight: 47kg (103.4lbs). The loudspeaker system shall be the Turbosound TCS-215C. 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

