

installedsound

portablesound

installedsound >

TCS-C50T passive two-way ceiling loudspeaker

Features

- Full range response
- 2-way passive design
- Wide dispersion
- High power handling
- Line transformer with multiple taps
- Low impedance setting
- Optional tile rails

Applications

- Hotels
- Leisure centres
- Bars and clubs
- Airports
- Retail stores
- Conference centres
- Restaurants and cafés

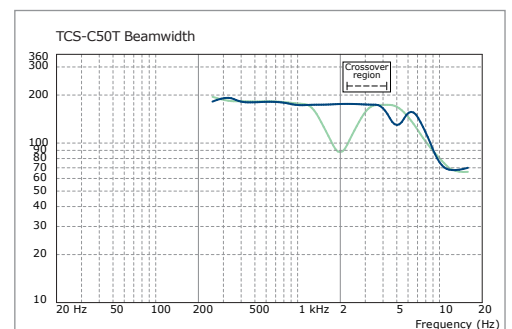
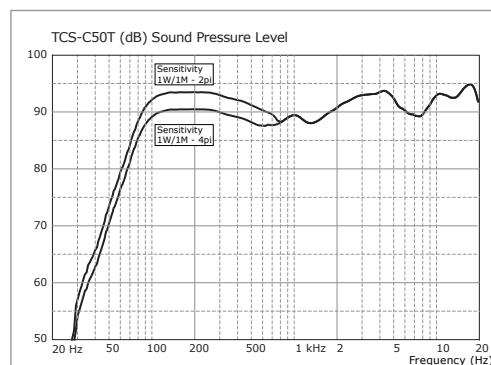


The TCS-C50T is a high quality full range passive two-way ceiling loudspeaker consisting of a 5" bass/mid frequency driver and a 1" ferrofluid-cooled neodymium soft dome tweeter, matched with an internal passive crossover network, in an easy-mount paintable ABS ceiling frame with a perforated mesh grille.

The TCS-C50T has a usable frequency range of 75Hz to 22kHz and features a wide, conical dispersion pattern suitable for all high quality background music and speech applications. The front baffle incorporates an integral tuned port to optimise the low frequency performance of the loudspeaker, and the high frequency waveguide is designed to increase output and ensure even dispersion. It is supplied as standard with a constant voltage transformer for use on all 70 volt and 100 volt line distributed systems, offering multiple power taps plus a low impedance setting which can be selected via an easily accessible rotary switch located on the front baffle behind the speaker grille. A universal ceiling-mount system, consisting of two tile rails and a 'C' plate, designed to fit into European or North American ceiling grids, is optionally available. The TCS-C50T conforms to BS5839 fire prevention standards, as well as IEC/EN 60849.

Ceiling series

Frequency Response



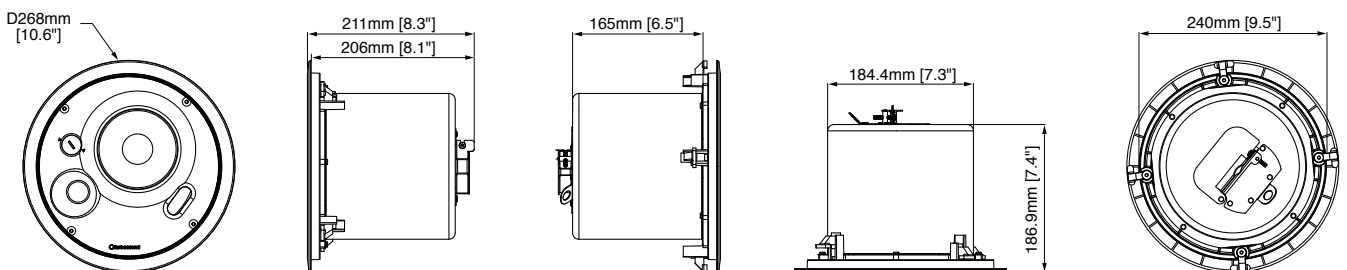
TURBOSOUND Ltd
Star Road
Partridge Green
West Sussex
RH13 8RY
United Kingdom

t: +44 (0)1403 711447
f: +44 (0)1403 710155
e: techsupport@turbosound.com
w: www.turbosound.com

TCS-C50T

passive two-way ceiling loudspeaker

DIMENSIONS (HxWxD)	268mm (10.6") diameter x 219mm (8.6") deep
NET WEIGHT	3.4kg (7lbs)
COMPONENTS	1 x 5" (127mm) LF driver, 1 x 1" (25mm) neodymium soft dome HF tweeter
FREQUENCY RESPONSE	80Hz - 18kHz \pm 3dB, 65Hz - 22kHz \pm 10dB
NOMINAL DISPERSION	180°H x 180°V @ -6dB points
POWER HANDLING	75 watts r.m.s., 150 watts program
SENSITIVITY	92dB (half space), 90dB (full space), 1 watt @ 1 metre (average)
MAXIMUM SPL	110dB continuous, 116dB peak
IMPEDANCE	16 ohms
LINE TRANSFORMER	Transformer taps at 60 watts, 30 watts, 15 watts (100 volt line) 60 watts, 30 watts, 15 watts, 7.5 watts (70 volt line) and low impedance setting
CONSTRUCTION	Paintable injection-moulded LSZH ABS UL94V0
GRILLE	Powder coated perforated steel with acoustic cloth backing
CONNECTOR	Phoenix 4-way connector for input and link connections
PROTECTION	Thermal fuse disconnects speaker from distributed system in the event of fire
STANDARDS	Conforms to BS5839 Part 8 1988 fire prevention standards and IEC/EN 60849
SPARES AND ACCESSORIES	LS-50 5" (127mm) LF loudspeaker TW-52 HF tweeter TCS-C50T-B Tile rail set (optional)
MORE INFO	More information can be found on our website: www.turbosound.com



Limited Warranty

Every Turbosound loudspeaker product is warranted to the original end-user purchaser and all subsequent owners for a period of two (2) years for loudspeaker products, or one (1) year for electronics products, from the original date of purchase. Warranty coverage includes defects in materials and workmanship. It does not include:

- damage caused by accident, misuse, abuse, neglect or modification by any other person other than an authorised Turbosound representative,
- damage caused by overdriving, use with unsuitable amplifiers or amplifier failure,
- damage caused by failure to operate the product in accordance with the instructions contained in the user's manual,
- damage occurring during shipment in transit,
- claims based upon any misrepresentations by the seller,
- products which do not have the original components as specified in the product engineering information,
- products on which the serial number has been removed or defaced.

Should any fault develop with a component of your Turbosound system, please return the product, freight pre-paid, in its original packing carton, along with proof of purchase such as the original bill of sale, and a description of the suspected fault, to your local authorised Turbosound representative. The product serial number must be quoted in all correspondence relating to the claim. Insurance is recommended as Turbosound or its representatives are not liable for loss or damage in transit.