



ICT 10



The Martin Audio ICT10 is a compact, high performance loudspeaker designed to meet the increased demands of today's music/paging systems, interactive audio for video and high quality distributed sound. The ICT10 utilises patented ICT (Inductively Coupled Transducer) technology. The 5" ICT driver used in the ICT10, has a frequency response of 80Hz - 20kHz and yet uses no tweeter voice coil, eliminating the need for a crossover.

The ICT dome is the heart of the new 5" ICT10 transducer, which utilises a fully integrated basket and front baffle design, moulded plastic cone, and rubber surround to further enhance its durability and long term reliability.

The ICT transducer is housed in a stylish polypropylene enclosure which is impervious to most weather conditions and offers maximum protection to the drive unit.

FEATURES

ICT (Inductively Coupled Transducer) Technology

Ultra Compact Enclosure

Vertical or Horizontal Orientation

Weather Resistant Cabinet Construction

Shielded for AV Use

APPLICATIONS

Multi-channel zoning for recording or playback

Live theatre under-balcony or fill

Houses of Worship

Restaurants, lounges, bars, boutiques

Boardrooms and offices

Airports, exhibition centres, hotels

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The ICT10 loudspeaker system shall consist of a 5-inch full-range, single point-source ICT (Inductively Coupled Transducer), magnetically shielded drive unit.

The performance of the loudspeaker system without any system controller shall meet or exceed the following criteria:

Frequency response measured at 1 metre on axis with swept sine wave shall be 100Hz - 18kHz +/- 3dB.

The power handling shall be 40W AES, 160W peak. Rated impedance shall be 6 ohms.

Maximum SPL at 1 metre on axis shall be 106dB continuous, 112dB peak.

Dimensions (W) 163mm x (H) 232mm x (D) 143mm

The weight shall be 1.7 kg.

The loudspeaker system shall be the ICT10.

ICT 10 SPECIFICATIONS

FREQUENCY RESPONSE (1)	80Hz - 20kHz 100Hz - 18kHz +/- 3dB
RATED POWER (2)	40W AES, 160W peak
RECOMMENDED AMPLIFIER	50-150W into 4 ohms
SENSITIVITY (3)	89dB (1 watt @ 1 metre)
IMPEDANCE	6 ohm
DISPERSION (-6dB)	90 degree conical
MAXIMUM SPL (4)	106dB continuous, 112dB peak
DRIVERS	5" (127mm) polypropylene cone mid/bass unit incorporating a 1" (25mm) aluminium dome ICT treble unit. Fully magnetically shielded.

ENCLOSURE	Mineral loaded polypropylene
FINISH	Black or white finish
CONNECTORS	Binding post input connectors
WEIGHT	1.7 kg (3.7 lbs)
DIMENSIONS	(W) 163mm x (H) 232mm x (D) 143mm (W) 6.5ins x (H) 9ins x (D) 5.5ins
SHIPPING WEIGHT	3.9 kg (8.7 lbs) - packed in pairs
SHIPPING DIMENSIONS	(W) 381mm x (H) 279mm x (D) 216mm (W) 15ins x (H) 11ins x (D) 8.5ins
OPTIONAL FITTINGS	Wall mount bracket Mic stand adapter

NOTES

1. Measured on-axis in half space at 2 metres, then referred to 1 metre.
2. AES Standard ANSI S4.26-1984.
3. Measured in half space conditions at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
4. Measured in half space conditions at 2 metres using band limited pink noise, then referred to 1 metre.

Trade Descriptions Act: Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice.

Martin Audio is committed to refining the state of the art sound reinforcement combining in-depth product and field applications research with advanced manufacturing techniques. Every Martin Audio product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.



MARTIN AUDIO LIMITED

Century Point, Halifax Road, Cressex Business Park, High Wycombe, Buckinghamshire HP12 3SL England
Telephone: 01494 535312 (International: +44 1494 535312) Fax: 01494 438669 (International: +44 1494 438669)



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