



ICS 300



The Martin Audio ICS 300 is a dedicated subwoofer for use with the ICT 300 full-range system in situations where ultra-low frequency enhancement and increased system headroom are required.

When used with the ICT 300, it will extend the response of the system to below 40Hz and is capable of output levels normally associated with much larger enclosures.

The ICS 300 features twin high efficiency 10" (250mm) diameter/2.5" (65mm) voice coil drivers loaded in an unusually compact plywood enclosure.

As a dedicated sub-bass system, it is designed to be used in conjunction with the M1 System Controller which provides crossover and equalisation functions for the ICS 300 and ICT 300 combination.

FEATURES

Dedicated ICT Series sub-bass

Compact portable enclosure

Very high output

Twin long excursion proprietary 10" drivers

Multi-laminate birch plywood construction

APPLICATIONS

Live club sound reinforcement

Music playback in clubs and bars

AV presentations

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The loudspeaker system shall be a vented enclosure sub-bass system. The system shall consist of 2 x 10" diameter, 2 1/2" edgewound voice coil, long excursion cone transducers. The transducers shall be mounted on internal baffles and be acoustically isolated from each other.

Performance of the loudspeaker system shall meet or exceed the following:

Frequency response measured at one metre on axis shall be 40Hz-180Hz+/-3dB.

The power handling shall be 400W AES, 1600W peak. Rated impedance shall be 4 ohms for mono operation. Maximum SPL measured at 1 metre on axis shall be 125dB continuous, 131dB peak.

Dimensions (W) 560mm x (H) 640mm x (D) 440mm (22 x 25 x 17.3 ins).

The weight shall be 29kg (64lbs).

The loudspeaker system shall be the Martin Audio ICS300.

ICS 300 SPECIFICATIONS

TYPE	Ultra compact sub-bass system
FREQUENCY RESPONSE	40 - 180Hz +/- 3dB
LOW FREQUENCY LIMIT	-10dB at 34Hz
DRIVERS	2 x 10" (250mm) extended throw drivers with 2 1/2" edgewound voice coils
RATED POWER	400W AES, 1600W peak (2 x 200W AES, 800W peak per driver)
SENSITIVITY (1)	100dB 1 Watt/1 metre
MAXIMUM SPL (2)	125dB continuous, 131dB peak

IMPEDANCE	4 ohms nominal mono
ENCLOSURE	130 litres (4.6 cu.ft.) vented
FINISH	Textured black paint
CONNECTORS	1xNL4 Pin 1+ Pin 1-
DIMENSIONS	(W) 560mm x (H) 640mm x (D) 440mm (W) 22ins x (H) 25ins x (D) 17.3ins
WEIGHT	29kg (64 lbs)
SHIPPING DIMENSIONS	(W) 660mm x (H) 640mm x (D) 460mm (W) 26ins x (H) 25.2ins x (D) 18.1ins
SHIPPING WEIGHT	30kg (66lbs)

NOTES

1. Sensitivity measured in half-space conditions at 1 metre with 2.0V input, using band limited pink noise.
2. SPL measured at 1 metre using band limited pink noise.

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 product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.



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