

W8CT

Dedicated longthrow high-mid / HF enclosure

features

- ▶ Dedicated longthrow high-mid/HF enclosure
- ▶ Very high SPL capability
- ▶ Constant 55° horizontal dispersion
- ▶ Load certified MAN flying points

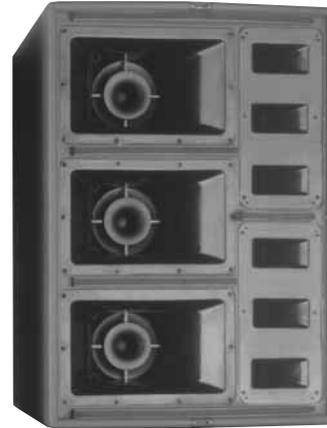
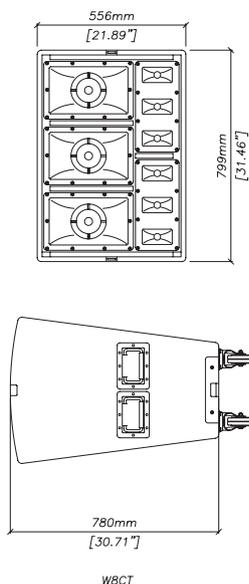
applications

- ▶ Live sound – open-air venues

The W8CT utilises a total of 6 x 1" (25mm) exit high frequency drivers, optimised for maximum efficiency in the band from 3.5kHz upwards. The 1" (25mm) exit drivers used are extremely efficient in this band and can produce enormous high frequency energy by virtue of their vertical line array configuration. Use of 1" (25mm) exit drivers is additionally important as it means that the HF array elements can be more closely spaced.

Further down the audio band, from 750Hz-3.5kHz, 3 x high-mid devices are again arranged vertically-in-line for maximum throw. Each high-mid device is a sophisticated design featuring a 6.5" (165mm) driver loaded by a toroidal phase plug and constant coverage horn moulding.

overall dimensions



technical specifications

TYPE	Dedicated longthrow high-mid/HF enclosure
FREQUENCY RESPONSE (1)	750Hz-18kHz \pm 3dB
DRIVERS	3 x 6.5" (165mm) high-mid horn 6 x 1" (25mm) exit HF compression driver
RATED POWER (2)	High-mid: 450W AES, 1800W peak HF: 360W AES, 1440W peak
RECOMMENDED AMPLIFIER	400-550W into 4 ohms
SENSITIVITY (3)	High-mid: 113dB HF: 115dB
MAXIMUM SPL (4)	High-mid: 139dB continuous, 145dB peak HF: 141dB continuous, 147 peak
NOMINAL IMPEDANCE	High-mid: 6 ohms HF: 2 x 6 ohms
DISPERSION (-6dB)	55° horizontal, 7.5° vertical
CROSSOVER	750Hz, 3.5kHz
FINISH	Textured grey paint
PROTECTIVE GRILLE	Grey perforated steel
CONNECTORS	2 x Neutrik NL8
FITTINGS	4 x MAN Flying points
DIMENSIONS (inc. wheels)	(W) 556mm x (H) 799mm x (D) 780mm (911mm) (W) 21.9ins x (H) 31.5ins x (D) 30.7 ins (35.9ins)
WEIGHT	121kg (266lbs)

Century Point, Halifax Road, Cressex Business Park,
High Wycombe, Buckinghamshire HP12 3SL, England.
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669
E-mail: info@martin-audio.com
All information is Copyright © 2003 Martin Audio Ltd.



www.martin-audio.com

touring and professional