

TYNE & CLYDE

SPECIFICATION

TYNE

Two-way two speaker system for use with amplifiers requiring 4 to 8 ohms load.

Nominal impedance: 7.5 ohms

Minimum impedance: 6.2 ohms at 250Hz

Power handling: Speech music from amplifiers rated at up to 70 watts (Continuous) per channel. Fuse protected against sustained amplifier overload.

Acoustic output: +95 dB SPL* for 4 watt amplifier
+108 dB SPL* for 70 watt amplifier

Sensitivity: 5 watts for +96 dB SPL*
1 watt for +89 dB SPL*

Low frequency cut-off: -3 dB at 52 Hz

Size: 480mm (19") high x 275mm (11") wide x 270mm (10³/₄") deep

Weight: 8kg (18lbs) approx.

Finish: African walnut.

CLYDE

Two-way speaker two system for use with amplifiers requiring 4 to 8 ohms load.

Nominal impedance: 7.0 ohms

Minimum impedance: 6.2 ohms at 250 Hz

Power handling: Speech/music from amplifiers rated at up to 50 watts (Continuous) per channel. Fuse protected against sustained amplifier overload.

Acoustic output: +95 dB SPL* for 40 watt amplifier
+106 dB SPL* for 50 watt amplifier

Sensitivity: 5 watts for +96 dB SPL*
1 watt for +89 dB SPL*

Low frequency cut-off: -3 dB at 65 Hz

Size: 375mm (14³/₄") high x 215mm (8¹/₂") wide x 215mm (8¹/₂") deep

Weight: 4.3kg (9³/₄lbs) approx.

Finish: African walnut

* SPL = Sound Pressure level at 1 metre referred to 20 μ N/m²

In accordance with our policy of constant improvement, we reserve the right to alter any specification at any time and without notice.

CASTLE ACOUSTICS LIMITED
SHORTBANK ROAD
SKIPTON
NORTH YORKSHIRE
ENGLAND
TEL: (0756) 5333
TELEX: 517618 CASTLE G

Castle 
Acoustics Limited

(Pt. No. 95.22 Iss. 2)



The efficient speakers
from Castle

Castle 
Acoustics Limited

TYNE & CLYDE

The Tyne and Clyde loudspeakers are of outstanding value for money. Used with a good rack system, music centre or receiver of 4 to 70 watts (Clyde 50 watts) per channel they will give high fidelity sound at a price you can afford.

The Tyne and Clyde loudspeakers combine high efficiency with the smooth and extended audio response possible only with the sophisticated technical design and facilities that Castle can bring to loudspeakers in its price range.

From the beautiful real wood veneered cabinets, through the high performance loudspeaker units to the invisible but vital four element fused crossover the Tyne and Clyde are quality products made entirely in our own British factory.

The Tyne and Clyde loudspeakers can be used in bookshelves, on wall mountings or in room dividers but they sound their best on the matching floor stand which is available as an optional extra.

Cabinet

The braced cabinet is made of 15mm high density chipboard finished with natural wood veneers and protected with a final coat of tough lacquer.

The cabinet is made of 12mm high density chipboard finished with natural wood veneers and protected with a final coat of tough lacquer.

Treble Range 3-20kHz

The highly developed Castle 3QV2 treble unit has a very low mass plastics diaphragm with an integral driving coil cooled by magnetic fluid. Its high sensitivity, smooth response, and wide dispersion angle complements the bass/midrange unit to give fatigue free listening over the wide area necessary for good stereo sound.

Bass/Midrange 52-3000 Hz

The Castle 15CR4 15cm bass/midrange unit has a low colouration fibrous pulp cone impregnated with a damping compound. It has been specifically designed to match the 24 litre internal volume of the Tyne cabinet.

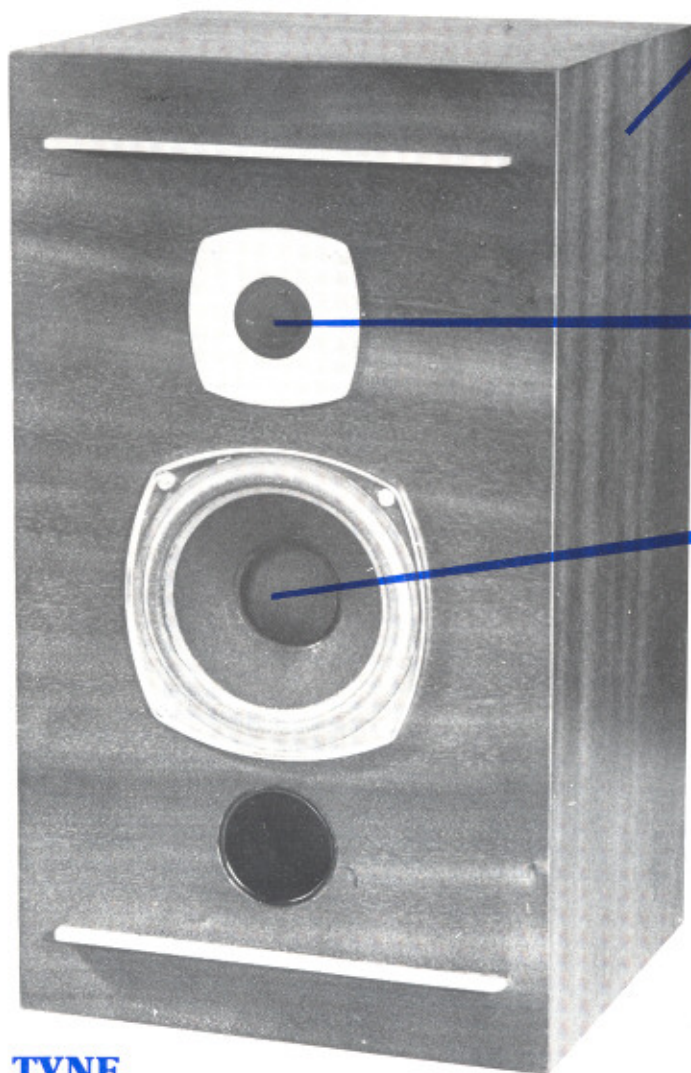
Unusual in such compact designs is the use of magnetic control in a true reflex system thus avoiding the losses of acoustic damping. This gives the efficiency required for adequate sound output from modest amplifiers. It also extends the bass response from small diameter cones and takes advantage of their lower colouration.

Bass/Midrange 65-3000 Hz

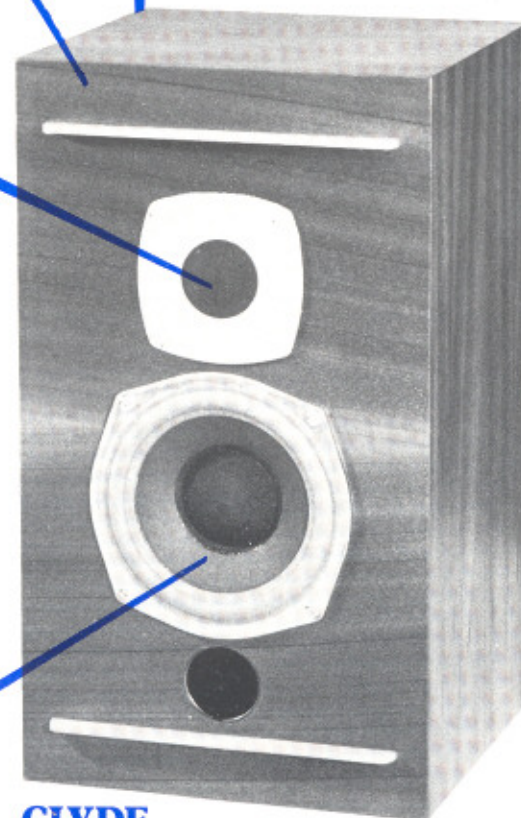
The Castle 13DR10 13cm bass/midrange unit has a small diameter low colouration fibrous pulp cone, and has been specifically designed to match the 11 litre internal volume of the Clyde cabinet.

Crossovers

A two-way four element crossover ensures a balanced overall response from the systems without ringing or presenting a difficult load to the amplifier. Bass and treble units are fused protected against sustained amplifier overload.



TYNE



CLYDE