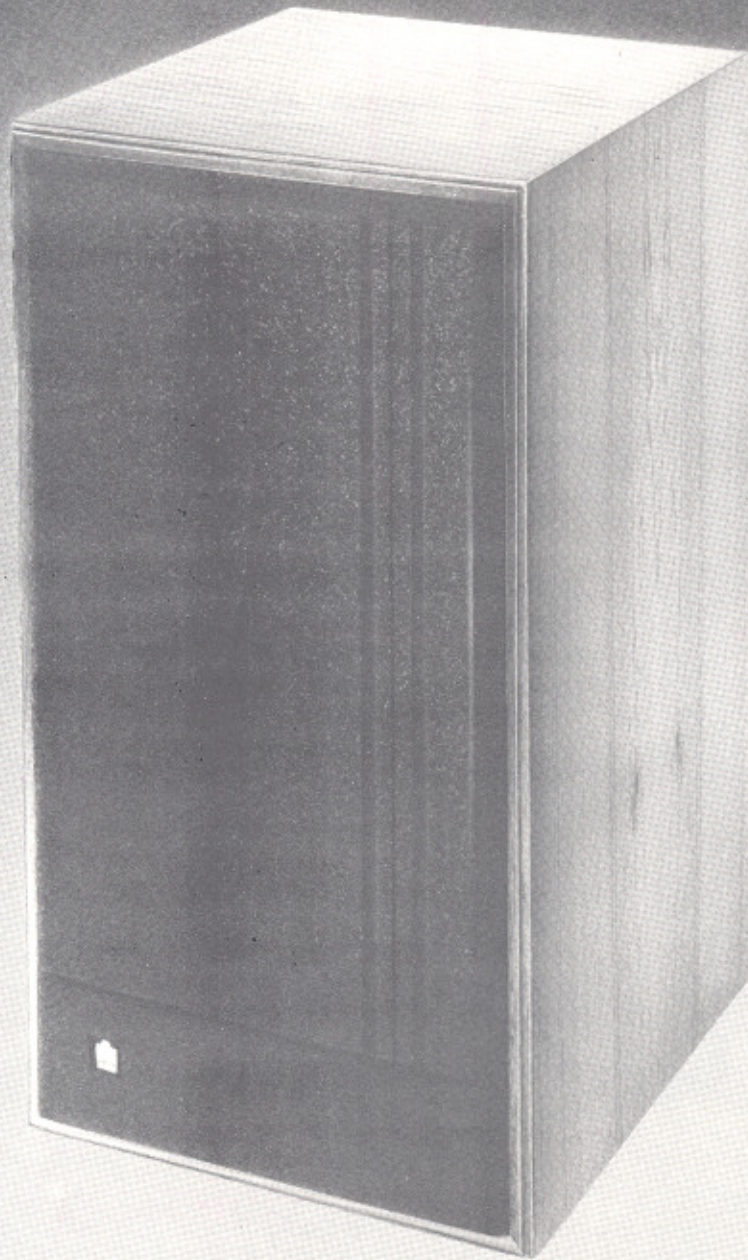


Conway II

Castle
Acoustics
Limited



Conway II. The efficient three way,
three speaker system from Castle.

**Speakers
for connoisseurs**
available from:



Conway II

CROSSOVER

A thirteen-element crossover is used to integrate the output of the individual units and has been designed to complement their electrical and acoustic characteristics. The load presented to the amplifier is free from narrow minima and the system is easy to drive.

THE CABINET

The braced cabinet is constructed of 18 mm high density chipboard, hand finished with selected wood veneers and protected with a final coat of tough polyurethane lacquer. The cabinet walls are damped internally with bituminous layer panels, and lined with acoustically absorbent foam.

TREBLE RANGE

4-22 kHz

The 30 mm treble unit (Castle Acoustics type 3QV2) has a plastics diaphragm with an integral driving coil. The exceptionally low dynamic mass of 0.15 grams gives a unit of high efficiency and a smooth response over an extended frequency range, together with the wide dispersion necessary for good stereo and quadraphonic reproduction.

MIDRANGE

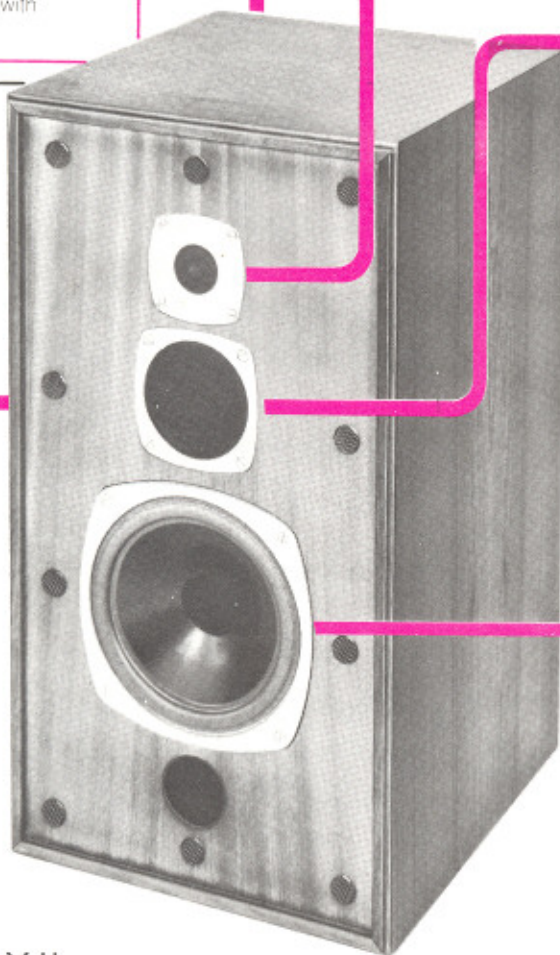
750-4000 Hz

A newly developed midrange unit (Castle Acoustics type 11LS1) has a low mass, treated pulp diaphragm with an effective diameter of 80 mm. The aluminium die cast chassis has been designed to minimise rear cavity resonances, and the back radiation of the unit is absorbed in a long resistive tube.

BASS RANGE

35-750 Hz

The 21 cm die cast chassis bass unit (Castle Acoustics type 21BL2) has been specifically designed to match the 52 litre internal cabinet volume available. The magnetically damped true reflex loading used in this system provides a 4th order Butterworth response at low frequencies which is smooth down to the cut-off frequency of 35 Hz without spurious bass effects due to inadequately damped resonances.



CONWAY II

The CONWAY II is a high quality, efficient, three way, three speaker floor standing system intended for domestic use in the larger room with amplifiers of 25 to 100 watts output per channel requiring 4-8 ohms load.

Electro-acoustic conversion efficiency $\left(\frac{\text{Acoustic power output}}{\text{Electric power input } 7.5 \Omega} \right)$: -26 dB

Sensitivity:	10 Watts for +96 dB SPL* 1 Watt for +86 dB SPL*
Power handling:	50 Watts speech/music (DIN 45 500) 100 Watts (Maximum short duration)
Acoustic output:	+103 dB SPL* for 50 Watt amplifier +106 dB SPL* for 100 Watt amplifier (Maximum short duration)
Impedance:	7.5 Ω nominal, Minimum 6.2 Ω /300 Hz for amplifier requiring 4 to 8 Ω load
Size:	635 mm (25") high x 350 mm (14") wide x 370 mm (14½") deep
Weight:	18.5 kg (41 lbs)

*SPL — Sound Pressure Level at 1 metre referred to 20 $\mu\text{N/m}^2$

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