



ONE *linear*

A precision stereo loudspeaker system for use with hi-fi separates

Product Information

The Cyrus ONE *linear* is a premium loudspeaker system which, whilst designed to perfectly augment the Cyrus ONE amplifier, provides exemplary performance with a whole host of audio systems.

The ONE *linear* is engineered with a classically 'British' linear frequency response curve. The objective is complete neutrality, allowing the full character of the music and the subtle details of the performance to be revealed. A loudspeaker can only be truly perfected if the amplifier system that is driving it is known. In this case, the ONE *linear* has been optimised for use with our own Hybrid Class D amplifier topologies.

The true test of a good loudspeaker is only through long listening sessions. The ONE *linear* is designed to be as relaxing and enjoyable after many hours of listening as it is attention grabbing and impressive in the first 10 minutes.

ONE *linear* features and benefits

Bass/mid driver

The ONE *linear* bass/mid driver uses a double-wound copper-coated aluminium voicecoil. As well as being light, this produces a stronger induced magnetic field which gives greater grip over hard to control bass frequencies. The voice coil is bonded to a carefully profiled KEVLAR cone material. This material is light and responsive, carrying limited inertia and retaining its shape and hence audio characteristic even when pushed hard. The speed and accuracy of the resulting bass response is remarkable for a speaker of this size.

Tweeter

The 'tweeter' or treble unit is a textile soft-dome, capable of meaningful response well beyond the limits of human hearing. Refined and balanced, the high-frequencies are never 'aggressive' or harsh, yet retain the full detail of the source recording.

Crossover

The crossover uses high quality electrolytic capacitors to maintain the signal integrity and a smooth phase response through the transition from bass driver to tweeter. This again contributes to the even response.

Cabinet

The cabinet has been developed using advanced computer modelling with 'Delayed Cumulative Spectral Analysis' to reduce the contribution of cabinet noise to levels more than 35dB below the driver output. The same computer modelling is also used to fine tune the crossover to ensure a consistent performance, even when listening 'off-axis'.

The ONE *linear* is rear-ported and designed to be positioned between 10-30cm from a rear wall. This will optimise the bass response and mid-range clarity, although some experimentation with position is advised as this will be room-dependent.

ONE *linear* specification

Nominal impedance - 8 Ω

Sensitivity (2.83V@1m) - 86 dB

Recommended amplifier power - 20 - 120 W

Frequency response (±3dB) - 50Hz-24kHz

Crossover frequency - 2.1kHz

Cabinet volume - 11l

Bass driver - 5" (125mm) Woven kevlar cone

Treble driver - 1" (25mm) soft dome

Dimensions (H x W x D) - 305 x 200 x 295 mm

Net weight - 14 kg (per pair)