



CRITERION TCD 410 R

The TCD 410 R is a compact, medium-sized bookshelf speaker which can also be stand-mounted. It is a classic two-way design, and manages the feat of combining the delightful tonal and spatial characteristics of the compact two-way speaker with the bass response and deep bass dynamics of larger floor-standers.

As with all TCD models, the cabinet is extremely solid and resonance-free, because it consists of a rigid internal case permanently bonded to the side panels. The mid and bass range are catered for by the new 17 cm GREYCONE® drive unit, which has a phenomenal performance. Naturally the new Waveguide dome tweeter is employed for the high frequency range. These two drivers harmonise together perfectly, creating tremendous detail fidelity and imaging accuracy. Massive bi-amping terminals, an extremely low-loss cross-over unit with a new form of low-saturation, low-distortion coils, and an accurately tuned bass reflex system are important constituents of this small loudspeaker.

For the two-way system of the TCD 410 R we have developed a completely new 17 cm bass / mid-range driver which offers superb dynamic qualities in the bass range as well as operating effectively in the mid-range, with a completely unfettered, uncoloured and open character. This unit also features our GREYCONE® cone. This consists of air-dried wood fibres and graphite particles, producing an extremely stable, highly damped, amorphous material which eliminates any systematic propagation of structure borne sound in the cone.

To prevent any form of resonance and break-up in the extremely critical mid-range area, the cone incorporates carefully defined slots which are sealed with a special adhesive; this not only stiffens the cone, but also prevents all partial vibration. A carefully optimised phase plug made of machined aluminium ensures homogeneous radiation characteristics up to 4000 Hz and above. The low-profile surround provides good damping, guarantees accurate excursion characteristics and also perfect roll-off and transition qualities in the mid-range / treble-range. The huge magnet forms a perfect unit with the rigid pressure-cast basket. This unique driver endows the entire vocal range with an incredibly musical and pleasant character.

Specifications

Nominal power rating	100 Watts
Music power rating	150 Watts
Impedance	4 Ohms
Frequency range	35 – 35000 Hz
Sensitivity 1 W / 1 m	85 dB
Drive units (bass)	1 x 170 mm
Drive units (high-frequency)	1 x 25 mm
Crossover frequencies	2200 Hz
Dimensions H x W x D	41 x 25 x 30 cm
Weight	12 kg / 26.5 lb
Finishes	Rubbed lacquer white 11 Rubbed lacquer black 12 Walnut dark 81 Cherry stain 82 Macassar ebony 90 High gloss 24 High gloss black 23 High gloss walnut dark 89 High gloss cherry stain 88

High gloss macassar ebony 87

We reserve the rights to alter technical specifications