



C55

C-55

The real point source

REFERENCE

The C55-Reference features a dedicated 5.5' coaxial-driver and a dedicated 5.5' woofer, which delivers exceptional sound performance. With maximum neutrality and minimum distortion, every sound and every impulse is reproduced precisely and musically. The featured drivers are custom made to KSD spec and proprietary to KSD.

The coaxial design allows the greatest freedom in listening distance and placement (vertical and horizontal placement possible), as the C55-Reference radiates as a real point source and thus works perfectly from near field to greater listening distances. Six parametric user EQs in the FIRTEC processor allow perfect adaptation to the listening room and distance.

Thanks to phase-linear dispersion using FIRTEC filters and a coaxial design, the C55-Reference is extremely lively and impulse-true with an accurate representation of panorama width and stage depth. Two bass drivers double the cone surface area and, with their two powerful drives, ensure a clean, "boom-free" bass reproduction.

The C55-Reference is therefore an ideal monitoring tool for music production, from tracking and mixing to mastering.



THE ACOUSTIC ADVANTAGES OF THE C55-Reference:

- for vertical and horizontal use
- Point source works for all distances
- Extremely compact size with full bandwidth from 35Hz upwards



TECHNISCHE DETAILS

Model	C55-Reference
AD / DA converter	24 Bit/ 192 KHz
Analog IN	XLR symmetric
Process	DSP with FPGA based processing by KSD- FIRTEC™ - patent:19823110
Equalization	phaselinear radiation, xover, limiter and EQ
Chassis	1" neodymium tweeter custom made 5.5" coaxial chassis, fiber glass cone for sub, 1" silk tweeter custom made 5.5" bass chassis, fiber glass cone
Amplifier	350 W sytem power/ mono side
SPL	(max) > 108 dB peak/pair
Remote control (optional)	6 User-EQ, High- & Lowshelving, Gain adjustable using KSD-RC monitor controller and KSD Final-FR/ CARMA interface
Frequency range	35 – 22000 Hz (+/-3dB)
Dimensions	400mm x 200mm x 240 mm, 12.2 kg
compatible with K&M 24471 for wall/ ceiling mounting	