

CPD 08



The compact **CPD 08** is a real all-rounder. Despite the high level of speech intelligibility, music playback and live music on the **CPD 08** sounds very balanced. These all-round qualities, which are requested by many users, have made the **CPD 08** one of our best-selling products for decades.

The KS AUDIO **CPD 08** is made for a wide variety of tasks in the field of sound engineering: background music in bars and restaurants, supportive speaker for theaters, sound reproduction in the multimedia sector or 100V build-in speaker on walls and ceilings in high quality.

Precisely because the **CPD 08** plays very musically, the combination with the CPD B2 is a dream combination and creates a top-class compact PA system. It is so good, in fact, that we are offering it as a set under the name SPIRIT.

A waveguide for the 1" driver with an evenly wide sounddispersion is integrated in the sound baffle. The compact cabinet is protected with a grill and the entire front can is lined with acoustic foam. Especially for the combination with a subwoofer, the **CPD 08** is also available with a grill that matches the grill of the subwoofer.

The tuning of the cabinet is achieved using a generously dimensioned tunnel on the rear side, which allows a remarkably powerful reproduction of the bass levels without compression.



Versatile & compact ✓

100°/60° coverage ✓

Linear phase and frequency response ✓

Optimized impuls-response ✓

FIRTEC™ 2-channel bi-amp DSP ✓

500W of undistorted power ✓

129dB peak SPL ✓



The CPD 08 with the robust front similar to KS AUDIO subwoofers

The 2-way DSP controller amplifier built into the rear operates with very high efficiency and requires no cooling fan. The FIR crossover and EQ filter shapes are precisely matched to the loudspeakers, and limiters ensure safe operation.

The power electronics include a Class D output stage for the low-midrange chassis and a linear output stage with best audio properties for the ring-radiator.

The electronically balanced input is designed as XLR F+M sockets.

In addition to the mains connection, further operating elements are available: A digital level control for individual adjustment to the location

and a delay of up to 40m for use as a delay loudspeaker in relation to a main loudspeaker system.

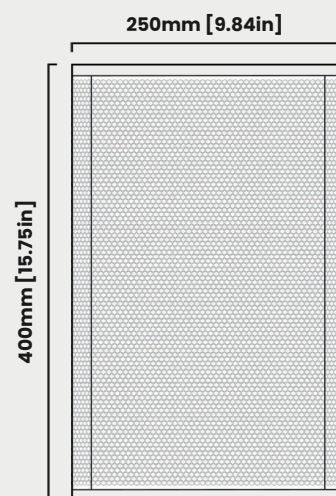
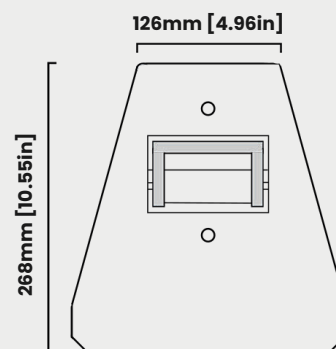
The power supply unit of the **CPD 08** operates with internal changeover at AC voltage mains of 117 or 230 V. The inrush current is electronically limited. The connection is made via a PowerCon connector.

The cabinet is made of multi-layered birch plywood and has a black structured PU coating. It is well-shaped, robust, insensitive to weather impact, has good acoustic qualities and is easy to mount. A metal sleeve for wall or tripod mounts, M6 thread, a recessed grip and various accessories ensure easy handling.

SPECIFICATIONS

Frequency response	68 - 19.000Hz ± 3 dB
LOW CUT mode 2	100 - 19.000Hz ± 3 dB
LOW CUT mode 3	120 - 19.000Hz ± 3 dB
Max. SPL (1m. free field)	129dB
Nominal horizontal dispersion	100°
Nominal vertical dispersion	60°
Transducers	LF: 8" ND cone HF: 1.5" Ring diaphragm compression driver
Acoustic Principle	LF: Bass-reflex HF: Waveguide
Power handling AES RMS/peak	LF: 200W / 400W HF: 50W / 100W
Integrated amplifier/controller	2 powerstages: 1x PWM 1x Linear Power Stage
Power supply	SMPS (Switched Mode Power Supply) with powerfactor correction (PFC)
DSP	2-channel, 32-bit, floating point, 192 kHz Sampling frequency
Filter Technology	IIR and FIR filters, delay adjustments, contour filters
Power input	powerCON input 110-240V 50-60Hz
Signal input - output	XLR3-F and XLR3-M

PHYSICAL SPECS



10.5kg - 23.1lb