

CPD 08 powered

In the new self-powered version, the **CPD 08** complements the CPD series of active KS AUDIO systems with PWM power amplifier and DSP controller.

Two integrated amplifiers provide 200W of continuous power to the 8" chassis and 50W to the 1" driver - the peak power is 500W. An integrated delay makes full-coverage sound reinforcement real simple.

As a surround loudspeaker in the theatre, for small live events, in the media room, as a conference system, at trade fairs or as the sole sound reinforcement for a complete multi-purpose hall - it is always a convincing solution. As a mid-high system in combination with CPD B subwoofers, it forms a very powerful and compact PA system.

The electronic crossover and FIR filters are precisely tuned to the speakers and further increase the transmission quality compared to the passive version.

With the **CPD 08**, KS AUDIO offers the demanding professional user a universally usable active sound reinforcement loudspeaker with the highest audio quality in a compact format.

The equipment consists of a 200Wrms 8" bass-midrange chassis, a 1" low-frequency driver and an extraordinarily driver and an extraordinarily evenly spread sound guide. This makes the **CPD 08** almost equally suitable for horizontal and vertical mounting.

As with all KS systems, the enclosure construction is made of birch plywood and textured lacquered or coated as desired or in any RAL colour.

High-stand flange, 4xM6 thread, steel protection grille with or without acoustic foam are further features of this high-quality product.

The 2-way controller amplifier, built into the rear of a separate cabinet, operates with high efficiency and does not require a - often annoying - cooling fan.

The electronically balanced input is an XLR F socket. Apart from the mains switch, there are further operating elements: Individual adjustment to the place of use is possible with precise level and delay settings via buttons and LED display.



Compact & Versatile



100° x 60° coverage



Optimized impuls-response



Linear phase and frequency response



FIRTEC™ 2-channel bi-amp DSP



200W of undistorted power



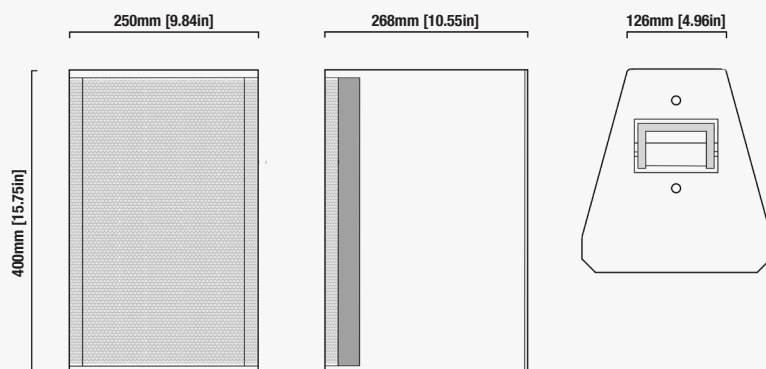
129dB peak SPL



SPECIFICATIONS

Frequency response	68 - 19.000Hz \pm 3dB
LOW CUT modes	100 / 120Hz
Max. SPL - 1m. free field	129dB
Nominal dispersion H x V	100° x 60°
Transducers	LF: one 8" ND cone HF: one 1.5" ring diaphragm compression driver
Acoustic Principle	LF: bass-reflex HF: precision waveguide
Power handling AES RMS / peak	LF: 200W / 400W HF: 50W / 100W
Amplifier type	2 power stages, PWM + Linear power stage
Power supply	SMPS (Switched Mode Power Supply) with power factor correction (PFC)
DSP	2-channel, 32-bit, floating point, 192kHz sampling frequency
Filter technology	IIR and FIR filters, delay adjustments, contour filter
Power input	powerCON 110-240V 50-60Hz
Signal input - output	XLR3-F and XLR3-M

DIMENSIONS AND WEIGHTS



9.8kg | 21.6lb