

CL 208 CPD 08

The small unpowered CL 208 made a name for itself among professional operators worldwide. In its self-powered format, the CPD 08 complements the KS AUDIO CPD-Series of DSP controlled active self-powered systems with built-in amplifiers and a FIR CONTROL® DSP. An integrated PWM amplifier – 200W for the 8” long throw woofer and an analog FET-amplifier – 50W for the 1” tweeter - with a peak performance of 500W. The FIR crossover and filter are specially designed for the speaker and increase the audio quality over the passive system. With the CPD 08, KS AUDIO has responded to the demanding needs of the professional operator with a universal self-powered loudspeaker with the highest audio quality in a compact size.

There are many applications in which the CL 208 and CPD 08 can be used: surround sound speakers in a Theatre, for small live events, in a media-room, for use at a conference or convention, in large rooms or tents as a front fill, under balcony or as a delay system for far way areas, or as a compact middle-high tone system in one of the many KS subwoofers, we recommend the CW 210 or CPD B Subwoofer.

The rear mounted 2-way DSP-controller amplifier of the CPD 08 operates very efficiently without the need of a cooling fan. The FIR crossover and filter are specially matched to the drivers, with corresponding compressors and limiters to ensure safe operation. The electronically balanced input is in the form of XLR F+M connectors. In addition to the power switch, the control panel also has a selectable digital volume / delay control to individually adjust just for each venue and offers a digital delay reaching up to 40 m (120 ft) for decentralized PA systems. The starting current is electronically limited. A PowerCON connector is fitted.

The CL 208 / CPD 08 can be mounted vertically or horizontally.

Technical Specifications

frequency response
output SPL (pink noise at 6dB crest factor)
dispersion angle (horizontal x vertical in degrees)
recommended amplifier / system controller type
transducers
power rms / peak in Watts (AES standard)
amplification / x-over
input / output connectors
cabinet
grill
finish
dimensions (height x width x depth)
weight (without options)
features
options

CL 208 unpowered

68 - 19,000Hz +/- 3dB
120dB / 123dB peak
90 x 60
CA 4D / D MOD® or FIRMOD2®
8” cone + 1” driver + waveguide
200 + 50 / 400 + 100
full-range mode / 2,000Hz
Speakon NL4
birch plywood
perforated RVS + acoustic foam (inside)
charcoal polyurethane
40 x 24 x 28 cm 15.7” x 9.4” x 11”
12 kg 26.4 lbs
35mm pole mount, 4 x M6 mounting points
mounting frame, black HD cover,
finish available in 200 RAL colors

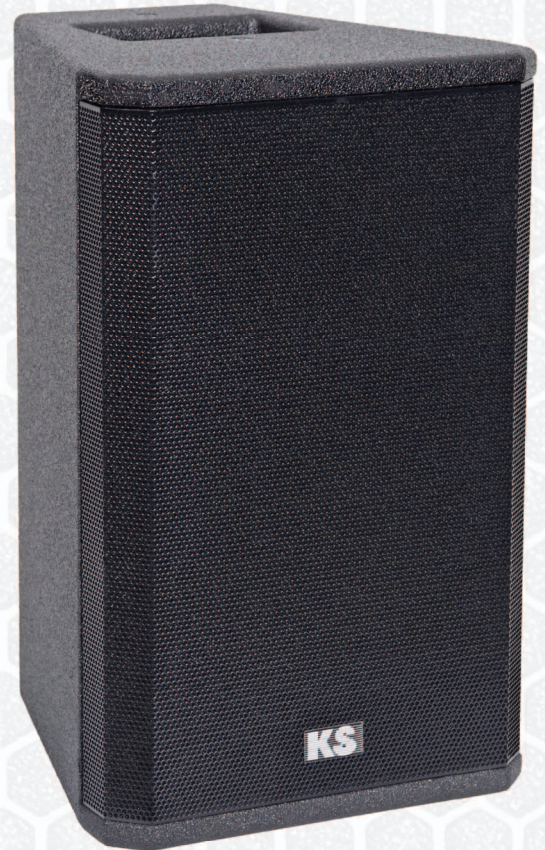
Technical Specifications

frequency response
output SPL (pink noise at 6dB crest factor)
dispersion angle (horizontal x vertical in degrees)
integrated amplifier / system controller type
transducers
power rms/peak in Watts (AES standard)
amplification / x-over
input connectors
output connectors
cabinet
grill
finish
dimensions (height x width x depth)
weight (without options)
features

CPD 08 powered

68 - 19,000Hz +/- 3dB
120dB / 123dB peak
90 x 60
PWM bridged/ FIR CONTROL®, 2-way DSP
8” cone + 1” driver + waveguide
200 + 50 / 400
active / bi-amp 2,000Hz
XLR3 / powerCON inlet
XLR3 thru
birch plywood
perforated RVS + acoustic foam (inside)
charcoal polyurethane
40 x 24 x 28 cm 15.7” x 9.4” x 11”
14 kg 31 lbs
integrated digital delay with display, 35mm pole mount, 4 x M6
mounting points, powerCON connector
mounting frame, black HD cover, finish available in 200 RAL
colors

options



“Victory Fellowship” Church
New Orleans, LA, USA