



C 04  
CPA 04

## C 04 CPA 04

### Ultra Compact – Ultra Natural

The bi amplified C 04 and CPA 04 are the ideal compact solution. They are designed for many different applications such as source and surround speakers in theatrical applications, in multi media rooms, for conference rooms and at trade shows, for small solo acts and as under balcony and/or delay speakers, front fills etc.

The C 04 / CPA 04 also serve as a compact mid hi cabinet with the subwoofer CW 210 / CPD B or other KS AUDIO subwoofers. Another use would be a high quality multi zone background music / announcer. The C 04 and CPA 04 are universal tools for a demanding pro application with the highest audio quality in the most compact size. The drivers consist of a 4.5" low/mid driver with an torsionally stiff carbon fiber cone and a coaxial pole core diaphragm with neodymium magnets. KS AUDIO adapted from it's own studio monitor development, the coaxial principle of low and high drivers as it proved it's extreme high efficiency in the studio recording as an ideal point source.

Two built in class D amplifiers supply 150 watts peak in total to both the 4.5" woofer and the 1" dome tweeter.

The electronic crossover and built in filters are precisely designed for the drivers and results in a much higher audio level compared to an unpowered version. In the case of high input levels, a built in compressor protects all components from damage and increases the subjective volume level yielding the impression of louder volumes.

The box construction is very robust and extremely compact and is made out of steel and solid lightweight metal parts. The box is covered with a textured polyurethane coating. The construction features a recessed 3/8" mike stand mount on the bottom, a metal grill to cover the front and 2 M6 mounting points to fly the speaker or to attach the optional steel mounting bracket.

The 2 way controller – amp is built in on the back side and does not need any additional cooling. The electronically balanced input/output connectors are XLR and XLR F respectively. Apart from the on off switch, there is an LED showing the ready status and a volume control knob.



CPA 04

### 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 coaxial  
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

### C 04 unpowered

100 - 19,000Hz +/- 3dB  
110dB / 113dB peak  
120 x 120  
KS CA 4D / D MOD® or FIRMOD2<sup>5</sup>  
4,5" carbon cone + 1" ND  
50 + 25 / 100 + 50  
active 2-way bi-amp / 2,000Hz  
Speakon NL4  
light weight steel  
perforated RVS  
charcoal polyurethane  
15 x 15 x 15 cm 5.9" x 5.9" x 5.9"  
2 kg 4.4 lbs  
3/8" pole mount, 2 x M6 mounting points  
bracket in U-shape, 100V transducer,  
finish available in 200 RAL colors



C 04

### 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 coaxial  
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  
options

### CPA 04 powered

100 - 19,000Hz +/- 3dB  
110dB / 113dB peak  
120 x 120  
class D / 100kHz bandwidth, bi-amped analog  
4.5" carbon cone + 1" ND  
50 + 25 / 100 + 50  
active 2-way bi-amp analog / 2,000Hz  
XLR3 / IEC power inlet  
XLR3 thru  
light weight steel  
perforated RVS  
charcoal polyurethane  
15 x 15 x 15 cm 5.9" x 5.9" x 5.9"  
3.5 kg 7.7 lbs  
3/8" pole mount, 2 x M6 mounting points  
bracket in U-shape, finish available in 200 RAL colors,  
powerCON connector

**C 04 installed in the "THALIA" playhouse in Hamburg, Germany.**