



## CPD LINE POWERED

The CPD-LINE compliments the CPD series by adding a compact line array system to the lineup. The power for the three drivers of the CPD-LINE are produced from the latest generation "cold" PWM amplifier for deep middle tone drivers and a FET-amplifier with the best audio characteristics for the mid-high compression driver. Each of the two 8" woofers delivers 200Wrms /8 Ohm and the single 1" HF compression driver delivers 100Wrms /16 Ohm. With this 500Wrms total power, a single CPD LINE system can produce 125dB SPL peak.

What makes the CPD LINE unique is: after you choose the layout of the system, either from our engineered setup charts or your experience. The necessary set-ups for different lengths and curvings are pre-set in the loudspeaker software, and easy to access. You simply choose the number of speakers, the angles between them, and the system creates the optimum acoustic line array dispersion for the venue.

Every room has unique acoustic properties and issues, with the CPD system adjusting each individual speaker to compensate for these acoustic issues is made easy. Each loudspeaker, with its individually assigned IP address, can be individually adjusted and monitored with KS AUDIO REMOTE 3 software over an Ethernet network. Each CPD LINE loudspeaker has an integrated network switch which allows the speakers to be linked. All CPD LINE adjustments can easily be made on your PC.

The rear mounted 2-way FIR CONTROL® DSP amplifier operates very efficiently without the need of a cooling fan. The FIR crossover and filters 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. The control panel also has a digital volume control to individually adjust for each venue and a digital delay up to 140ms or 40m, (120ft) for time alignment and decentralized PA systems. There is a Low Cut switch for speech reproduction or for adding a subwoofer to the system. Operation and set-up with a PC using the KS AUDIO REMOTE 3 software is also possible over an Ethernet connection.

### 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 signal  
input connectors  
output connectors  
cabinet  
grill  
finish  
dimensions (height x width x depth)  
weight (without options)  
features

### CPD LINE powered

60 - 20,000Hz +/-3dB  
125dB / 128dB peak (single speaker)  
120 x 7.5  
PWM, FET-amp / FIRTEC®, DSP  
2 x 8" ND cone + 1" ND compression driver  
400 + 100 / 800 + 200  
2-way bi-amp / 1,000Hz linear FIRTEC  
automatic detection of analog or digital AES/EBU XLR3  
XLR3, powerCON inlet (117/230VAC)  
XLR3 - thru / powerCON outlet  
birch plywood  
perforated RVS  
charcoal polyurethane  
27 x 58 x 40 cm 10.6" x 22.7" x 15.7"  
20 kg 44 lbs  
ethernet in/out, remote controlled, integrated digital delay, array presets with display, integrated C-RIG flyware, self regulating power supply  
C-RIG cradle, flightcase for 4 pieces, outside foam, black HD cover, finish available in 200 RAL colors

options

