



CULTURE OF SOUND



CPS SERIES CATALOGUE

LATEST EDITION

CPS Series

COAXIAL POINT SOURCE

The CPS (Coaxial Point Source) Series is our brand new high power, point source system.

There are five point source cabinets available, CPS-4, CPS-5, CPS-14, CPS-214 and CPS-210 together with two sub-bass unit, CPS-18S and the new CPS-F10S and CSM-210. Extreme care has been taken to select and customize the most advanced components on the market, including coaxial Mid/high drivers together with full electronic synergy through the coupling of the system amplification & integrated DSP technology.

Using Lynx Pro Audio's cutting edge softwares (Rainbow 3D and OCS) together with the CPS technology provides the most optimum and precise listening experience to every ear in the audience.



Outdoor events



Clubs



Theatres



Medium sized stadiums / arena



Auditoriums

CPS-214



The CPS-214 is a high-output extremely compact and extremely powerful 3-way, self-powered, DSP integrated, symmetrical Coaxial Point Source element designed for large sized touring & fixed installations. Dual high power 14" neodymium transducers and a unique 2" Exit throat (HF 1.75" voice coil/ MF 3.5" voice coil) coaxial neodymium compression driver.

Components	LF: 2 x 14" (4" voice coil), neodymium magnet, 2000 W (AES) MF: 3.5" (90 mm) voice coil, 150W (AES) HF: 1.5" (44,4 mm) voice coil, 80W (AES)
Max SPL	Low: 137 dB / 143 dB Mid/ High: 139.5 dB / 142.5 dB
Coverage	Rotatable 60°H x 40°V
DSP Processing	96 KHz / 64 bit double-precision, DSP with FIR filters. Passive version available
Power	6000 W Class D with switching power supply & PFC LF: 3000W @4 Ohm - MF/HF Amp: 3000 W @4 Ohm
Control	User control interface with 2.8" IPS and joystick controller
Control connection	USB (DSP programming)/ Dual Ethernet port / OCS
Dimensions	900 x 420 x 515 mm (H x W x D)
Weight	49 Kg (108 lbs)

CPS-210 (64/96)



The CPS-210 is a high-output extremely compact and extremely powerful 3-way, tri-amplified, DSP integrated, symmetrical Coaxial Point Source element designed for medium sized touring & fixed installations. Dual high power 10" neodymium transducers and a unique 1.4" Exit throat (HF 2" voice coil/ MF 3" voice coil) coaxial neodymium compression driver.

Components	LF: 2 x 10" (3" voice coil), neodymium magnet, 1400 W AES MF: 3" (76 mm) voice coil, 90 W (AES) HF: 2" (51 mm) voice coil, 50 W (AES)
Max SPL	Low: 130.5 dB / 136.5 dB Mid/ High: 131 dB / 137 dB
Coverage	Rotatable 60°H x 40°V / 90°H x 60°V
DSP Processing	96 KHz / 64 bit double-precision, DSP with FIR filters. Passive version available
Power	3000 W Class D with switching power supply & PFC LF: 1 x 1500 W / MF: 1 x 750 W / HF: 1 x 750 W
Control	User control interface with 2.8" IPS and joystick controller
Control connection	USB (DSP programming)/ Dual Ethernet port / OCS
Dimensions	710 x 350 x 428 mm (H x W x D)
Weight	35 Kg (77.1 lbs)

CPS-14 (64/96)



The CPS-14 is a high-output extremely compact and extremely powerful 3-way, tri-amplified, DSP integrated, symmetrical Coaxial Point Source element designed for medium sized touring & fixed installations. High power 14" neodymium transducer and a unique 1.4" Exit throat dual diaphragm coaxial driver.

Components	LF: 1 x 14" (4" voice coil), neodymium magnet, 1000 W AES MF: 3" (76 mm) voice coil, 90 W (AES) / HF: 2" (51 mm) voice coil, 50W (AES)
Max SPL	Low: 130 dB / 136 dB Mid/ High: 132 dB / 138 dB
Coverage	Rotatable 60°H x 40°V / 90°H x 60°V
DSP Processing	96 KHz / 64 bit double-precision, DSP with FIR filters. Passive version available
Power	3000 W Class D with switching power supply & PFC LF: 1 x 1500 W / MF: 1 x 750 W / HF: 1 x 750 W
Control	User control interface with 2.8" IPS and joystick controller
Control connection	USB (DSP programming)/ Dual Ethernet port / OCS
Dimensions	755 x 415 x 430 mm (H x W x D)
Weight	33 Kg (72.7 lbs)

CPS-5



The CPS-5 is a passive coaxial point source system. Compact & versatile, easy to use portable speaker. 5" coaxial speaker offering a coverage of 70° conical dispersion and 117 dB SPL.

Components	1 x 5" coaxial speaker with LF 1.5" and HF 1" voice coil
Sensivity	93 dB (1W@1m)
Max SPL	114 dB – 120 dB peak
Coverage	70° conical dispersion
Power	150 W AES (300 W program, 600 W peak)
Nominal impedance	16 Ω
Dimensions	152 x 152 x 221 mm (H x W x D)
Weight	3 Kg (6.6 lbs)

CPS-4



The CPS-4 is a passive coaxial point source system. Compact & versatile, easy to use portable speaker. 4" coaxial speaker offering a coverage of 90° conical dispersion and 109 dB SPL.

Components	1 x 4" coaxial speaker
Sensitivity	86 dB (1W@1m)
Max SPL	106 dB – 112 dB peak
Coverage	90° conical dispersion
Power	100 W AES (200 W program, 400 W peak)
Nominal impedance	16 Ω
Dimensions	122 x 122 x 131 mm (H x W x D)
Weight	1.5 Kg (3.3 lbs)

CPS-18S



The CPS-18S is a high-output, extremely powerful sub-bass element designed to be used in unison with the coaxial CPS-214 point source module. Compact & extremely powerful, self-powered (3000 W Class-D with PFC), DSP integrated subwoofer unit in band pass configuration. 18" (4" voice coil) transducer.

Components	1 x 18" (4" QUATTRO in/out copper voice coil), waterproof cone with treatment for both sides
Max SPL	132 dB / 138 dB peak
Coverage	QUASI omnidirectional
DSP Processing	96 KHz / 64 bit double-precision. Passive version available
Power	3000 W Class D with switching power supply & PFC
Control	User control interface with 2.8" IPS and joystick controller
Control connection	USB (DSP programming)/ Dual Ethernet port / OCS
Dimensions	600 x 900 x 750 mm (H x W x D)
Weight	62 Kg (136.6 lbs)

CPS-F10S



The CPS-F10S is ultracompact light weight flat design passive subwoofer offering high-performance for back-ground sound applications. Thanks to the discrete design can be installed in multiple applications. It features a 10" transducer with rubber surround, is made from 15 mm premium birch plywood and coated polyurea paint.

Components	1 x 10" transducer 2,5" voice coil
Max SPL	116 dB – 122 dB peak (X90Hz)
Coverage	QUASI omnidirectional
Nominal Impedance	8 Ohm
Power	300 W AES, 600 W program, 1200 W
Connectors	2 X NEUTRIK Speakon NL4 Pin connections: +1 / -1 input +1 / -1 link
Dimensions	595 x 595 x 170 mm (H x W x D)
Weight	18 KG (39,68 lbs)

CSM-210 (65/85)



The CSM-210 is a high-output extremely compact and extremely powerful 3-way tri-amplified, self-powered, DSP integrated, symmetrical Mid/High Coaxial Driver designed for stage monitor or conventional point source use.

Components	LF: 2 x 10" (3" voice coil) Neodymium magnet. 1400 W (AES) MF: 3" (76 mm) voice coil, 90 W (AES) HF: 2" (51 mm) voice coil, 50 W (AES)
Max SPL	Low: 130.5 dB/ 136.5 dB - Mid/ High: 131 dB/ 137 dB
Coverage	Rotable 60°H x 50°V x 80°H x 50°V
DSP Processing	Internal Lynx Processor DSPB-FL 96 Hz / 64 bit double-precision, DSP with FIR filter linear phase
Power	3000W Class D with switching power supply & PFC LF: 1 x 1500 W MF: 1 x 750 W HF: 1 x 750 W
Control	User control interface with 2.8" IPS and joystick controller
Control connection	USB (DSP programming)/ Dual Ethernet port
Dimensions	407 x 588 x 572 mm (H x W x D)
Weight	30 Kg (77.1 lbs)

ACCESSORIES **CPS** SERIES

CPS-214	AGR-10 M10 eye bolt 	SC-FC1 Lightweight install 	SV-CPS214 Flying frame 	CA-CPS214 Removable front transport dolly 
	UBR-HCPS214 Horizontal U bracket 	UBR-VCPS214 Vertical U bracket 	FD-1CPS214NL Rain cover 	FD-CPS214 Nylon protection 

CPS-210	AGR-10 M10 eye bolt 	SC-FC1 Lightweight install 	SV-CPS214 Flying frame 	CA-CPS214 Removable front transport dolly 
	UBR-HCPS210 Horizontal U bracket 	UBR-VCPS210 Vertical U bracket 	FD-1CPS210NL Rain cover 	FD-CPS210 Nylon protection 

CPS-14	AGR-10 M10 eye bolt 	SC-FC1 Lightweight install 	DI-1464C Rotatable horn for 64 	DI-1496C Rotatable horn for 96 
	UBR-HCPS14 Horizontal U bracket 	UBR-VCPS14 Vertical U bracket 	FD-1CPS14NL Rain cover 	FD-CPS14 Nylon protection 

CPS-18S	FD-CPS18S Nylon protection 	FD-1CPS18SNL Rain cover 	CA-CPS18S Removable front transport dolly 
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CPS-4/5	UBR-CPS4/5 Wall bracket 	MS-5CX Quick Coupler 	SP-5CX 35mm Speaker pole male thread 
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