CS7

The CS7 is a two-way, full-range intelligent loudspeaker, intended for use in a wide variety of applications. Utilizing Adamson's proprietary network platform, the CS7 employs a redundant MILAN scheme with the ability to daisy-chain networked audio between multiple sources, an analog XLR input and output, as well as on-board DSP and amplification. All features of the loudspeaker are controlled and monitored through Adamson's proprietary CS software.

Acoustically, the CS7 contains 2x 7-inch Kevlar Neodymium transducers and a 3" compression driver. The critically optimized sound chamber produces a slightly curved wavefront with a nominal dispersion pattern of 100°x 12.5° (H x V). The chamber's efficiency allows for increased vertical dispersion without sacrificing high frequency presence in the far field. Adamson's Controlled Summation Technology further eliminates low-mid lobing normally associated with 2-way line source systems.

The cabinet construction uses marine grade birch plywood as well as aircraft grade steel and aluminum, and is equipped with a male and female XLR connector, 2x etherCON connections and an in and through powerCON TRUE1 connection.

Please refer to the CS7 User Manual for further information.

Technical Specifications

Frequency Range (+/- 3dB)	80 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	100° x 12.5°
Maximum Peak SPL*	138 dB
Components LF	2x ND7-LM16 7" Kevlar Neodymium Driver
Components HF	Adamson NH3 3" Diaphragm / 1.4" Exit Compression Driver
Rigging	Slidelock Rigging System
Connections	Power: powerCON TRUE1 Network: 2x etherCON Analog: 2x XLR
Height Front (mm / in)	203 / 8
Height Back (mm / in)	122 / 4.8
Width (mm / in)	527 / 20.75
Depth (mm / in)	411 / 16.2
Weight (kg / lbs)	17.5 / 38.6
Amplification	2 channel Class-D, 2400 W total output
Input Voltage	100 - 240 V
Current Draw at 230 V	0.45 A rms idle, 1.6 A rms long-term, 9 A max peak
Processing	Onboard / Proprietary
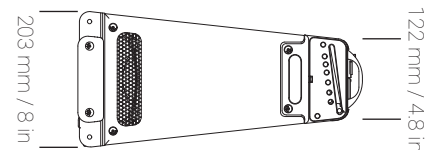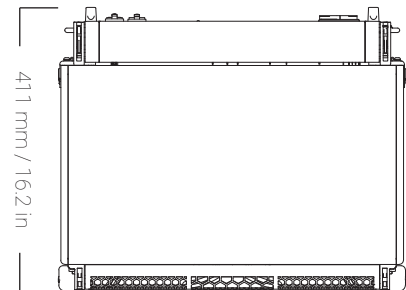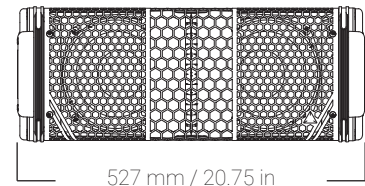
*12dB crest factor pink noise at 1m, free field, using specified processing and amplification

527 mm / 20.75 in

411 mm / 16.2 in

203 mm / 8 in

122 mm / 4.8 in