ADAMSON

CS10

The CS10 is a two-way, full-range intelligent loudspeaker, intended for use in a wide variety of applications. Utilizing Adamson's proprietary network platform, the CS10 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 CS10 contains 2x 10-inch Kevlar Neodymium transducers and a 4" compression driver. The critically optimized sound chamber produces a slightly curved wavefront with a nominal dispersion pattern of 110° x 10° (H x V). The chamber's efficiency allows for increased vertical dispersion without sacrificing high frequency presence in the far field. Patented 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 CS10 User Manual for further information.

Technical Specifications

Frequency Range (+/- 3dB)	60 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	110° x 10°
Maximum Peak SPL*	141.3 dB
Components LF	2x ND10-LM 10" Kevlar Neodymium Driver
Components HF	Adamson NH4 4" Diaphragm / 1.5" Exit Compression Driver
Rigging	Slidelock Rigging System
Connections	Power: powerCON TRUE1 Network: 2x etherCON Analog: 2x XLR
Height Front (mm / in)	265 / 10.4
Height Back (mm / in)	178 / 7
Width (mm / in)	737 / 29
Depth (mm / in)	526 / 20.7
Weight (kg / lbs)	31 / 68.4
Amplification	2 channel Class-D, 2400 W total output
Input Voltage	100 - 240 V
Current Draw at 230 V	0.45 A rms idle, 1.7 A rms long-term, 10 A max peak
Processing	Onboard / Proprietary

*12dB crest factor pink noise at 1m, free field, using specified processing and amplification

737 mm / 29 in

526 mm / 20.7 in

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178 mm / 7 in