

C6 SE

PRODUCT FEATURES

- Self-powered subwoofer
- Plug & Play setup
- Dedicated C6 extension mode
- Standalone subwoofer mode with adjustable 4th order low pass crossover
- Suitable for PA, installation or monitor applications
- Elegant and unobtrusive design
- Digital signal processing



SPECIFICATIONS

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ACOUSTICAL	
Frequency range (-3 dB) ¹	50 Hz - 250 Hz
Coverage angles (-6 dB) [H x V]	Omnidirectional
Maximum Peak SPL ²	126 dB
System type	1-way, self-powered
Crossover frequency	250 Hz (C6 extension); 80 Hz - 180 Hz 4 th order low pass (standalone mode)
Transducers	2x 10" woofer with 2.5" voice coil
Enclosure type	Bass reflex
AMPLIFICATION	
Туре	Class-D with SMPS
Output power ³	800 W
Protection	Short circuit, Overheating, Overcurrent, Limite
Indicators	Power on, Signal, Limit, Protect
Connectors	Line In: 1x XLR combo jack, balanced Line Out: 1x XLR, balanced Power connector: powerCON*20A
Wiring	Pin layout XLR: Pin 2: Signal+; Pin 3: Signal-; Pin 1: Shield Pin layout TRS: Tip: Signal+; Ring: Signal-; Shaft: Shield Pin layout powerCON*: Pin N: Neutral; Pin L: Conductor; Pin E: Earth, Ground
Operating voltage range	100 – 240 VAC, 50/60 Hz
Input sensitivity	0 dBu
DSP	48 kHz/24 bit with extended dynamics Processing latency: 1.1 ms
Processing	Crossover, Limiter, EQ, Level
User controls	Power: On/Off switch; 1x Subwoofer Level; 1x Lowpass Crossover; 1x Mode Switch (PSSC/Line In); 1x Sub Phase Switch 0°/180°
MECHANICAL	
Product dimensions [H x W x D] (Including rigging)	347 x 750 x 532 mm
Net weight	35.5 kg
Packaging dimensions [H x W x D]	433 x 830 x 615 mm
Total weight	38 kg
Cabinet	Subwoofer: Plywood
Cabinet finishing	Black polyurea coating
Grille	Powder coated perforated steel
Hardware	2 side handles embedded in cabinet;

Rubber feet; recesses for C6 column

Transport Dolly for C6 or C6 SE

Flightcase for C6 or C6 SE

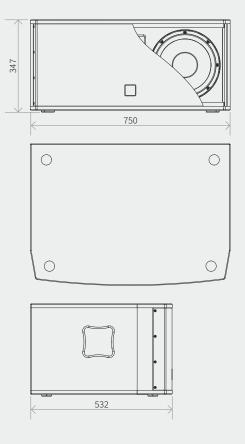
system stacking

PRODUCT DESCRIPTION

The C6 SE combines two high performance 10" woofers with an integrated amplifier and digital signal processing (DSP). This powerful subwoofer extends the self-powered C6 column system and provides additional low frequency energy down to 50 Hz. The provided recesses on the top side allow a secure positioning of the C6 system on the C6 SE subwoofer.

In standalone mode, the C6 SE subwoofer is also a bass enhancement for general speaker systems in mobile and install applications. For easy setup and implementation, C6 SE is equipped with a Line-Out connector, transferring the incoming signal from the Line-In, a power CON $\!\!\!^{\circ}$ power connector and an adjustable low-pass and phase control.

PRODUCT DRAWINGS



ACCESSORIES C6 TD

C6 FC

Half space, 1 W / 1m Calculated Max. Peak SPL = Sensitivity + 10log₁₀ (output power)