

# C6 SE

## PRODUCT FEATURES

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

## SPECIFICATIONS

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

<sup>1</sup> Half space, 1 W / 1 m  
<sup>2</sup> Calculated Max. Peak SPL = Sensitivity + 10log<sub>10</sub>(output power)  
<sup>3</sup> According to EIA-426B Standard



## 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 powerCON® power connector and an adjustable low-pass and phase control.

## PRODUCT DRAWINGS

