



## CELLO SERIES HARMONICA 3S

Powerful Performance Meets Perfect Dispersion.

The Harmonica 3S is a high-performance, high-output, triple 18" cardioid subwoofer, featuring powerful neodymium drivers, designed for ground- stacked deployment. Engineered for seamless integration with the Creative sound concept pro and touring mid high cabinets and seamlessly couples with the Harmonica 10 and Harmonica 210-line array systems. This subwoofer offers a unique solution for venues where traditional floor-mounted subwoofers are undesirable, particularly in live applications where

on-stage low frequency bleeding or where the subwoofer is positioned near a wall, minimizing structural excitation.

These low frequency transducers deliver immense bass energy with exceptional directional control. Designed for demanding professional audio applications, it minimizes rearward and side-ward radiation, focusing the low-frequency output directly where it's needed, maintaining a clean stage and audience area while enhancing low-frequency clarity

### KEY FEATURES

- Triple 18" High-Excursion Drivers
- Optimized Cardioid Dispersion Pattern
- Driver Arrangement - Forward and Rear Facing
- Advanced Enclosure Design
- Robust Handling
- Reduced Stage Rumble and Feedback
- Improved Front-of-House Clarity
- Minimized Spill to Adjacent Areas
- Enhanced System Control

### SYSTEM APPLICATIONS

- Large-Scale Live Concerts and Festivals:
- High-end permanent installations
- Demanding touring applications
- Auditoriums
- Theatres
- Outdoor events

MODEL NO	HARMONICA 3S
Type	Bi-amped cardioid subwoofer
Frequency Response (1)	35 Hz - 250 kHz $\pm$ 3dB
Drivers	LF: 3 x 18" drivers with 4" voice coil
Power handling	2000+1000 Watts
Sensitivity (1 W / 1 m)	LF: 100 dB
SPL (Nominal/Maximum)	LF: 133 dB/139
Nominal Impedance (front /rear)	LF: 4 / 8 Ohms
Dispersion	NA
Enclosure	Baltic birch ply
Finish	Non Toxic Black Textured Paint
Protective Grill	Steel grill
Connectors	2x Neutrik NL8
Pin Connections	LF front $\pm$ 1, -1: Rear $\pm$ 2, Link Through LF $\pm$ 1, HF $\pm$ 2
Standard Colors	Black
Fittings	Anti-skid feet, castors
Dimensions - Product (in mm)	(W) 732 x (H) 1100 x (D) 865
Dimensions - Including packing (in mm)	
Net weight(kgs)	92
Shipping Weight(kgs)	98

Mid highs measured on-axis in full space @ one watt/1-meter using band-limited pink noise in the endeavour to continuously improve the product with design refinements introduced into existing products. Any current CSC product may differ in some respect from its published description. However, this will always equal or exceed the original design specifications. Every CSC Product is built to the highest standards and tested to ensure that it meets the performance criteria specified.

