



CELLO SERIES HARMONICA S

Powerful Performance Meets Perfect Dispersion.

The Harmonica S is a high-performance, single 18" subwoofer, featuring a powerful neodymium driver, designed for both flown and ground-stacked configurations. Engineered to seamlessly integrate atop the Harmonica 210-line array, this subwoofer offers a unique solution for auditoriums and venues where traditional floor-mounted subwoofers are impractical or undesirable. Primarily functioning as a low-frequency extension, the Harmonica S can be used as a mid-extension to a Harmonica 3S to provide a deeper, more

impactful bass response, all while maintaining a clean stage and audience area. Up to two subwoofers can be flown in one hang.

The Harmonica 3S is specifically designed to complement the Harmonica 210-line array systems, offering powerful low-frequency extension while being light weight enough for flown configurations directly above the array elements. The use of neodymium (neo) drivers is a crucial aspect of its design, contributing to its key features:

KEY FEATURES

- High-Output Neodymium Driver
- Integrated Flyware
- High Power Handling
- Compact Form Factor (Relative to Output)
- Improved Vertical Coherency
- Enhanced Visual Aesthetics
- Increased Efficiency
- Improved Transient Response

SYSTEM APPLICATIONS

- Mid-to-Large Scale Live Concerts
- Touring Sound Systems
- Auditorium
- Corporate Events and Conferences
- Houses of Worship

| MODEL NO | HARMONICA S |
|----------------------------------------|----------------------------------------------------|
| Type | Subwoofer both for flying and ground stacking |
| Frequency Response (1) | 38 Hz - 300kHz \pm 3dB |
| Drivers | LF: 1x 18" neo long excursion with a 4" voice coil |
| Power Handling AES | 1000 Watts |
| Power Handling (Maximum/prog) | 1800 watts |
| Power handling (Peak) | 3600 watts |
| Nominal Impedance | 8 Ohms |
| Sensitivity (1watt/1met) | 98 db |
| Max SPL | 128 db |
| Enclosure | Baltic birch ply |
| Finish | Non Toxic Black Textured Paint |
| Protective Grill | Steel grill |
| Connectors | 2x Neutrik NL8 |
| Pin Connections | LF \pm 1, Link through LF \pm 2 |
| Standard Colors | Black |
| Fittings | Flying frame |
| Dimensions - Product (in mm) | (W) 732 x (H) 320 x (D) 665 |
| Dimensions - Including packing (in mm) | |
| Net weight(kgs) | 35 |
| Shipping Weight(kgs) | 40 |

Mid highs measured on-axis in full space @ one watt/1-meter using band-limited pink noise in the en-devour 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.

