

## CF 12h

### GENERAL DESCRIPTION

The CSC CF 12h is a powerful, versatile, bi-amped two-way mid-high cabinet designed to provide exceptional sound reinforcement. Aimed at the live market, it is perfect for a pounding nightclub or a critical opera. With its ruler flat response, the cabinet is uncoloured and transparent. Crafted in Baltic Birch, it is perfectly designed for installation. It has the flexibility to suit even the most difficult applications.

The cabinet's design is focused on vocal clarity and minimization of heat build-up within the enclosure without compromising on transient response.

It features a powerful 12" (300 mm) low frequency driver and a 2" (50 mm) compression driver with a 3" (77 mm) voice coil mounted on a constant directivity 60° x 40° horn. Depending on the application, the cabinet can be rotated to be used in either its vertical or horizontal orientation. Additionally, the LF driver has been coupled with the HF horn through the DSP settings.

The CSC Maestro MS 26 controller is configured to perform and its EQ and limiter functions are preloaded in the controller. Contrabass CB 215s, CR 18s, RRH 218s, RR 218s, CR 218s and RR 215s are a perfect match for CF 12h.



### FEATURES

- ✓ Compact, bi-amped and two way system
- ✓ 60° x 40° horn
- ✓ Mounting points behind and on top of the cabinet
- ✓ Large port behind the cabinet
- ✓ Top hat to mount it on a pole

### SYSTEM APPLICATIONS

- ✓ Live performances
- ✓ Clubs
- ✓ Main PA for large installs
- ✓ Stadiums and large convention centers
- ✓ Auditoriums
- ✓ Places of worship

## SYSTEM SPECIFICATIONS

Type	Bi-amped, two way mid high
Frequency Response (1)	65 Hz-17.5 kHz $\pm$ 3 dB
Drivers	LF: 12" (300 mm) with a 3" (77 mm) voice coil, HF: 2" (50 mm) compression driver with a 3" (77 mm) voice coil
Recommended Amplifier Upto	1000/ 200 Watt
sensitivity (1 Watt/1 metre)	98/109 dB
Maximum SPL (9)	125/ 129 dB continuous, 131/ 135 dB Max
Nominal Impedance	8/8 Ohms
Dispersion	60° x 40°
Crossover	HPF 55 Hz full range / 100 Hz with sub
Enclosure	Baltic birch ply
Finish	Textured black paint
Protective Grille	Perforated steel
Connectors	2 x Neutrik NL4
Pin Connections	Input: LF: $\pm$ 1, HF: $\pm$ 2; Link through LF: $\pm$ 1, HF: $\pm$ 2
Standard Colours	Black
Fittings	Rear / Top standard mounting points, Top hat
Dimensions - Product	(W) 360 mm x (H) 664 mm x (D) 358 mm
Dimensions - Including packing	(W) 435 mm x (H) 739 mm x (D) 433mm Rotatable
Horn	Rotatable
Rated Continuous Power AES	500/ 100 Watts
Rated Maxium Power/Program Power	1000/200 Watts
Peak Power	2000 / 400 Watts
Accessories	Wall / ceiling mount bracket, Extension pipe
Net weight	29kgs
Shipping Weight	31kgs

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

## SAFETY INSTRUCTIONS

- ÿ When flying speakers, appropriate hardware and techniques must be employed for safely suspending the enclosures.
- ÿ Ensure all instructions that appear on specific loudspeaker datasheets are followed.
- ÿ All speaker hardware and flying apparatus must be regularly inspected for any visual or mechanical failure.
- ÿ Leave adequate distance between speakers and the audience. Refer to your local authority for Health and Safety guidance when using loudspeaker systems.
- ÿ The CSC digital controller should only be programmed by a CSC authorized technician. Do not use CSC loudspeaker systems without the correct controller and the program. If a system fails due to incorrect controller use, warranty is void.
- ÿ Protect your speakers and electronics from exposure to humidity, water or rain.
- ÿ CSC loudspeakers and electronics are covered against defects in workmanship or materials for a period of two years from the original date of purchase. The CSC warranty **does not cover** any item which in CSC's opinion has failed due to user abuse, accident, modifications.
- ÿ The defective item will be repaired/replaced with no charge for materials or labour. However the item should be adequately packed and dispatched, pre-paid, to a CSC authorized distributor/service center.

