



CR 21s

GENERAL DESCRIPTION

The CR 21s is a high-performance reflex-loaded subwoofer. The cabinet is loaded with a long-excursion 21" transducer for a power capability of 1800 W (AES). The extended cone displacement sets new limits from the mechanical point of view. CR21s is tuned to a frequency of 39 Hz for nice and punchy low-frequency information. A pair of large bass-reflex ports reduce noise from airflow to a minimum. Resonances are minimized by a highly stiff and stable wooden cabinet, adequately braced. The cabinet is constructed from Baltic birch ply and coated with highly weather-resistant, non-toxic, eco-friendly paint. The front of the loudspeaker is protected by a robust metal grill. Each side includes four handles and a top hat that can be used as a base for a distance rod or to fix the stacking adapter. The acoustical and mechanical design enables the CR 21s to be used as a powerful subwoofer. The 21" transducer employs an industry-standard 4" voice coil and is popular both for installations and touring.

It adds more bass dynamics to the sound system while improving the mid-range clarity by taking the tension away from the main cabinets with smaller mid-drivers.

For demanding applications, the CSC Maestro MS 26 Controller is configured to perform, and its EQ and limiter functions are preloaded on the controller. CF 10, CF 12, CF 15, and CF 12h, RR 15h, RR212h are perfect matches for CR 21s.

FEATURES:

- ▶ Compact, high performance
- ▶ Reflex-loaded, 21" subwoofer using customized European pedigree driver
- ▶ Easy and fast to install
- ▶ Can retrofit in an existing venue
- ▶ Top hat

SYSTEM APPLICATIONS:

- ▶ Live performances
- ▶ Nightclubs and bars
- ▶ Bars and lounges

SYSTEM SPECIFICATIONS

Type	Compact, Reflex loaded, Sub-woofer system
Frequency Response (1)	39 Hz-280 Hz \pm 3 dB
Drivers	LF: 21" (525 mm) with a 4" (100 mm) voice coil
Recommended Amp. Up to	2400 Watts
sensitivity (1 Watt/1 meter)	98 dB
SPL Peak	141 dB
SPL program	135 dB
SPL Nominal	129 dB
Nominal Impedance	8 Ohms
Dispersion	Omni
Crossover	90 Hz active/ passive low pass filter
Enclosure	Baltic birch ply
Finish	Textured black paint
Protective Grille	Perforated steel
Connectors	2 x Neutrik NL4
Pin Connections	Input \pm 1, Link through: \pm 2
Standard Colors	Black
Fittings	Rubber feet, Universal pole mount
Dimensions – Product	(W) 750 mm x (H) 600 mm x (D) 655 mm
Dimensions - Including packing	(W) 800 mm x (H) 645 mm x (D) 710 mm
Horn	NA
Rated Continuous Power AES	1800 Watts
Rated Maximum Power/Program Power	3000 Watts
Peak Power	5500 Watts
Accessories	NA
Net weight	57 kgs
Shipping Weight	61 kgs

Sub-woofers measured at half space @ 1 watt/1 meter using band limited pink noise. In the endeavor 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

When flying speakers, appropriate hardware and techniques must be employed for safely suspending the enclosures.

- ▶ Ensure all instructions that appear on specific loudspeaker datasheets are followed.
- ▶ All speaker hardware and flying apparatus must be regularly inspected for any visual or mechanical failure.
- ▶ Leave adequate distance between the speakers and the audience. Refer to your local authority for health and safety guidelines when using loudspeaker systems.
- ▶ 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, the warranty is void.
- ▶ Protect your speakers and electronics from exposure to humidity, water, or rain.
- ▶ 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, or modifications.

The defective item will be repaired/replaced with no charge for materials or labor. However, the item should be adequately packed and dispatched, pre-paid, to a CSC authorized distributor/service center.

