



ST 18s

GENERAL DESCRIPTION

The ST 18s is a high-performance reflex-loaded subwoofer. The cabinet is loaded with a powerful 18" transducer with a power handling of 1000 W (AES). The ST 18s is tuned to a frequency of 40 Hz for a nice and punchy performance. A pair of large bass-reflex ports reduces the airflow noise to a minimum. The cabinet is constructed from Baltic birch ply and coated with highly weather-resistant, non-toxic, eco-friendly paint. Resonances are minimized using braces. The front of the loudspeaker is protected by a robust metal grill. Each side includes six 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 ST 18s to be used as a powerful subwoofer. It can be used for both installations and touring. It uses a single 18" driver with an industry-standard 4" voice coil.

For demanding applications, the CSC Maestro MS 26 Controller is configured to perform, and its EQ and limiter functions are preloaded on the controller. ST 8, CC 8, CF 10, CF 12, CF 15, and CF 12h are perfect matches for ST 18s.

FEATURES:

- ▶ Compact, high performance
- ▶ Reflex-loaded, 18" subwoofer using customized European pedigree driver
- ▶ Fast, integral wall/ceiling mounting clamp
- ▶ Easy and fast to install
- ▶ Can retrofit in an existing venue
- ▶ Top hat

SYSTEM APPLICATIONS:

- ▶ Live performances
- ▶ Lounges
- ▶ Homes
- ▶ Nightclubs and bars

SYSTEM SPECIFICATIONS

Type	Compact, Reflex loaded, Sub-bass system
Frequency Response (1)	40 Hz-250 Hz \pm 3 dB
Drivers	LF: 18" (450 mm) with a 4" (100 mm) voice coil
Recommended Amplifier Upto	1600 Watts
Sensitivity (1 Watt/1 meter)	98 dB
SPL Peak	139 dB
SPL Max	133 dB
SPL nominal	127 dB
Nominal Impedance	8 Ohms
Dispersion	Omni
Crossover	100 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) 620 mm x (H) 561 mm x (D) 730 mm
Dimensions - Including packing	(W) 670 mm x (H) 610 mm x (D) 804 mm
Horn	NA
Power Peak	1000 Watts
Power Program/max	1800 Watts
Power nominal	3000 Watts
Accessories	NA
Net weight	47 kgs
Shipping Weight	51 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 guidance 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.

