

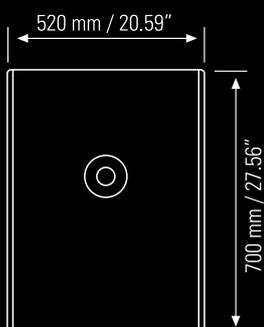
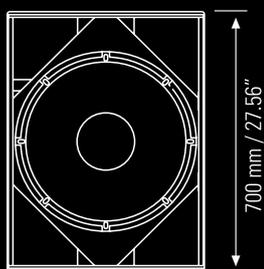
S8018

BASS-REFLEX SUBWOOFER

p/n. 130.00.051

The S8018 high-efficiency subwoofer is the ideal bass-frequency extension to complement the RCFACUSTICA Compact series two-way loudspeakers. The low-frequency transducer is an RCF Precision high-power 18" woofer with a 4" inside/outside voice coil to minimize power compression and extend the life of the product. This new woofer design is the result of the latest refinements in RCF experiences in compact active and passive subwoofer design, resulting in a fast and controlled reproduction of the bass frequency range. Using bass-reflex loading to the transducer, the subwoofer design ensures an efficient acoustic response down to 40 Hz.

The Baltic birch plywood enclosure is painted with black, heavy duty, textured epoxy. The front is protected from a strong powder coated metal grille. The cabinet features two Neutrik Speakon™ connectors in a recessed input plate. A 35 mm pole mount adaptor is provided in the top of the cabinet, along with integrated hand carry points in the cabinet sides.



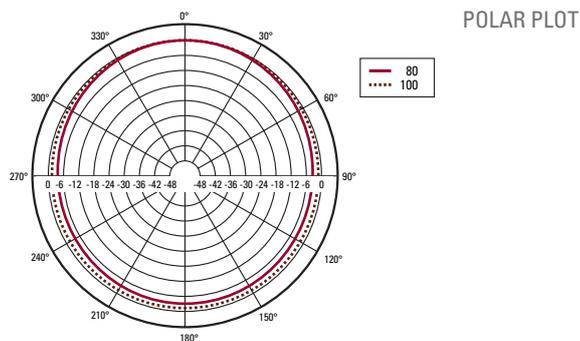
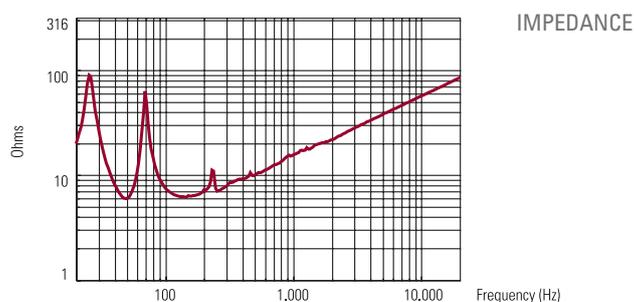
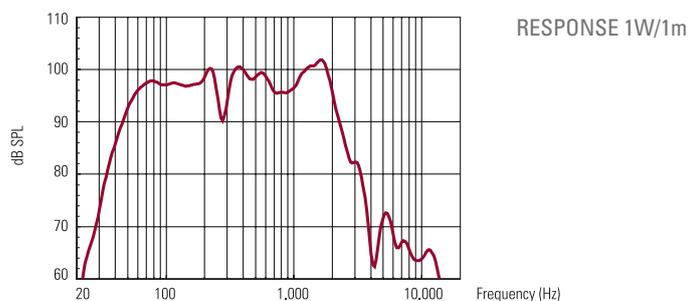
FEATURES

- 18" high-efficiency RCF Precision 4" voice-coil woofer with Inside/Outside Coil Technology
- 134 dB maximum sound pressure level
- Response down to 40 Hz
- Rectangular box enclosure with protective metal grille
- 35 mm standard pole mount in top section of cabinet
- Integrated hand carry points

APPLICATIONS

- Low Frequency Enhancement
- Music Enhancement
- Special Effects Reinforcement
- Entertainment Systems
- Live Music Reinforcement
- Small to Large Club Sound Systems
- Infill Sub Bass Enhancement

SUBWOOFER SERIES



CSI PRODUCT SPECIFICATIONS FOR DESIGNERS, SPECIFIERS, AND CONSULTANTS (ALSO KNOWN AS "A&E SPECIFICATIONS")

The following are "Part 2 Products" CSI-type specifications. It is assumed that "Part 1 General – Administrative and Procedures" and "Part 3 Execution – Installation and Maintenance" are part of an overall audio system or project specification.

PART 2 PRODUCTS

2.01 Approved Manufacturer/Product

A. RCF, Via Raffaello 13, 42124, Reggio Emilia, Italy. B. Model number: S8018

2.02 Design

Configuration Bass reflex subwoofer. LF Sub-section 18" woofer, 4" voice coil.

2.03 Acoustical Properties

Axial frequency range: 40 Hz - 200 Hz. Axial sensitivity: 98 dB, 1W @ 1m. Power handling: Applicable power 1000 W RMS. Musical power 2000 W. Peak power 4000 W. Nominal impedance: 8 Ohm.

2.04 Physical Properties

Enclosure: Rectangle, 15 mm birch plywood construction. Rigging inserts: 2x Recessed Handles. Color: Black, scratch resistant paint. Grille: Custom perforated steel grille
Input Connectors: 2 X Speakon® NL4. Dimensions (H x W x D): 27.32" x 20.59" x 27.32" - 700 x 520 x 700 mm. Weight: 105.82 lb - 48 Kg.

SYSTEM

FREQ. RANGE	40 Hz - 200 Hz
SYSTEM SENSITIVITY:	98 dB , 1W @ 1m ⁽¹⁾
RATED MAXIMUM SPL:	134 dB , @ 1m
SYSTEM NOMINAL IMPEDANCE:	8 Ohm
SYSTEM INPUT POWER RATING RMS:	1000 W ⁽²⁾
SYSTEM INPUT POWER RATING PEAK:	4000 W
RECOMMENDED AMPLIFIER:	2000 W ⁽³⁾

TRANSDUCERS

LOW FREQUENCY:	18" (457.2 mm) woofer with 4" (100 mm) in/out voicecoil
NOMINAL IMPEDANCE:	8 Ohm
PROGRAM POWER:	1800 W
POWER HANDLING CAPACITY:	900 W
SENSITIVITY:	98 dB, 1W @ 1m

PHYSICAL

ENCLOSURE:	Rectangle, 15 mm birch plywood construction
RIGGING INSERTS:	Pole mount
COLOR:	Black, scratch resistant paint
GRILLE:	Custom perforated steel grille
INPUT CONNECTORS:	2 x Speakon® NL4
DIMENSIONS (H x W x D):	27.32" x 20.59" x 27.32" 700 x 520 x 700 mm
WEIGHT:	105.82 lb - 48 Kg

¹⁾ Measured on axis in the far field with 1 watt (2.83V RMS, 8 Ohm) input and referenced to 1 meter distance using the inverse square law. Listed sound pressure represents an average from 40 Hz to 200 Hz.

²⁾ AES standard

³⁾ Recommended Amplifier is a power capability value that should be taken as a guide.