S8028

BASS-REFLEX SUBWOOFER

p/n. 130.00.085

The S8028 is a compact, high-output bass reflex subwoofer. The system is equipped with two advanced 18" RCF precision woofers mounted in a clam-shell configuration. The two transducers couple to achieve tight and maximised outtput.

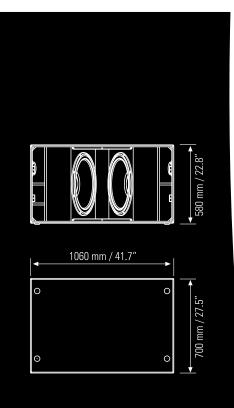
Each 18" features 4" copper voice coil and represents the state of the art of RCF precision transducers technology.

The system is able of producing a Max SPL of 138 dB and handles 2000 Watts AES.

The loudspeaker enclosure shape is rectangular and the cabinet

is constructed of multi-ply baltic birch plywood and finished in a very resistant, textured, polyurethane black paint. It features 2x recessed handles and rubber feet. It is possible to use the system in horizontal or vertical configuration.

The front steel grille is epoxy powder coated.





FEATURES

Compact, bass reflex, 2 x 18" subwooter system

Very high output, response down to 35 Hz

138 dB max SPL, 2000 Watt AES

Equipped with RCF high power 2 x18", 4" voice coil woofers

Recessed handles

Epoxy powder coated front grille

APPLICATIONS

Low Frequency Enhancement

Music Enhancement

Special Effects Reinforcement

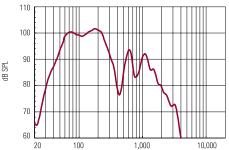
Entertainment Systems

Live Music Reinforcement

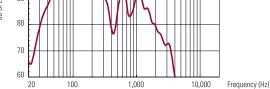
Mid to Large Club Sound Systems

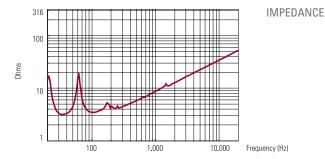
Infill Sub Bass Enhancement

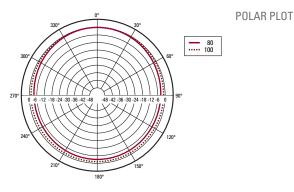
SUBWOOFER SERIES



RESPONSE 1W/1m







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: S8028. 2.02 Design

Configuration Bass reflex subwoofer. LF Sub-section 2 x 18" woofer, 4" voice coil. 2.03 Acoustical Proprieties

Axial frequency range: 35 Hz - 200 Hz. Axial sensitivity: 99 dB, 1W @ 1m. Power handling: Applicable power 2000 W RMS. Musical power 4000 W. Peak power 8000 W. Nominal impedance: 4 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 with open-cell poly fiber backing - Input Connectors: 2 X Speakon® NL4. Dimensions (H x W x D): 580 x 1060 x 700 mm. Weight: 64 Kg.

SYSTEM

FREQ. RANGE

SYSTEM SENSITIVITY: 99 dB, 1W@1m(1) 138 dB, @ 1m RATED MAXIMUM SPL: SYSTEM NOMINAL IMPEDANCE: 4 0hm SYSTEM INPUT POWER RATING RMS: 2000 W (2) SYSTEM INPUT POWER RATING PEAK: 8000 W RECOMMENDED AMPLIFIER: 4000 W (3)

TRANSDUCERS

NOMINAL IMPEDANCE:

LOW FREQUENCY: 2 x 18" (457.2 mm) woofer with 4" (100 mm) in/out voicecoil

8 0hm

INPUT POWER RATING: 1000 W AES each

PHYSICAL

ENCLOSURE: Rectangle, 15 mm birch plywood

35 Hz - 200 Hz

COLOR: Black,, scratch resistant paint **GRILLE:** Custom perforated steel grille

INPUT CONNECTORS: 2 x Speakon® NL4

DIMENSIONS (H x W x D): 22,83" x 41,73" x 27,55"

580 x 1060 x 700 mm

WEIGHT: 141 lb - 64 Kg

1) Measured on axis in the far field with 1 watt (2.83V RMS, 8 0hm) input and referenced to 1 meter distance using the inverse square law. Listed sound pressure represents an average from 35 Hz to 200 Hz.