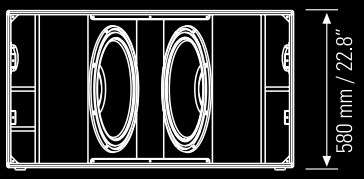
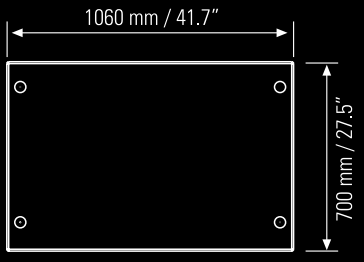
S8028

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 neodymium 18" RCF precision woofers mounted in a clam-shell configuration. The two transducers couple to achieve tight and maximised outtput.
Each 18" features massive vented neodymium magnets and 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

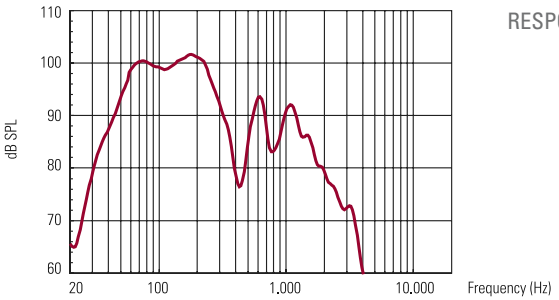
Compact, bass reflex, 2 x 18" subwoofer system
Very high output, response down to 35 Hz
138 dB max SPL, 2000 Watt AES
Equipped with RCF high power 2 x18", 4" voice coil neodymium woofers
Recessed handles
Epoxy powder coated front grille

APPLICATIONS

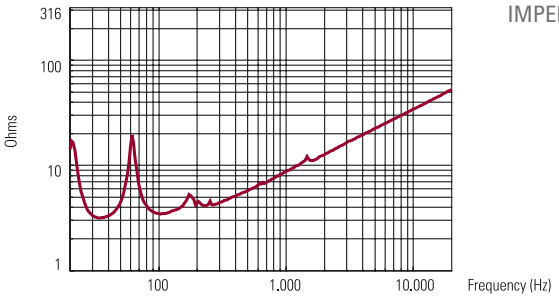
Low Frequency Enhancement
Music Enhancement
Special Effects Reinforcement
Entertainment Systems
Live Music Reinforcement
Mid to Large Club Sound Systems
Infill Sub Bass Enhancement

SUBWOOFER SERIES

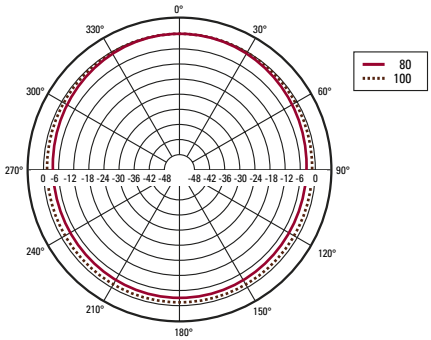
RESPONSE 1W/1m



IMPEDANCE



POLAR PLOT



SYSTEM

FREQ. RANGE	35 Hz - 200 Hz
SYSTEM SENSITIVITY:	99 dB , 1W @ 1m (1)
RATED MAXIMUM SPL:	138 dB, @ 1m
SYSTEM NOMINAL IMPEDANCE:	4 Ohm
SYSTEM INPUT POWER RATING RMS:	2000 W (2)
SYSTEM INPUT POWER RATING PEAK:	8000 W
RECOMMENDED AMPLIFIER:	4000 W (3)

TRANSDUCERS

LOW FREQUENCY:	2 x 18" (457.2 mm) woofer with 4" (100 mm) in/out voicecoil
NOMINAL IMPEDANCE:	8 Ohm
INPUT POWER RATING:	1000 W AES each

PHYSICAL

ENCLOSURE:	Rectangle, 15 mm birch plywood construction
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 Ohm) input and referenced to 1 meter distance using the inverse square law. Listed sound pressure represents an average from 35 Hz to 200 Hz.

2) AES standard

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

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 4000 W RMS. Musical power 2000 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.