

SUB 705-AS

ACTIVE SUBWOOFER



DESCRIPTION

SUB 705-AS is powerful and compact, designed to be coupled to every RCF Professional Speaker System product. 700 W of pure digital amplification coupled with specially designed woofers deliver powerful and punchy deep bass for any application, increasing the low end performance of your system, both in terms of output and frequency extension.

It integrates a totally new digital high power 700 Watt amplifier, a complete electronic processor section and premium RCF low distortion, high power 15" neodymium woofer. The result is compact, light weight, high power accurate subwoofer, unique in their class for efficiency and low distortion.

The system re-defines audio subwoofer performance standards.

The SUB 705-AS is equipped with a new generation of 700 Watt Digital Amplifiers that produce a very high output, an extremely low distortion and an incredible natural sound. The amplifier features a solid mechanical aluminium structure which not only stabilizes the amplifier during transportation but also assists in the heat dissipation.

The SUB 705-AS's transducer features light weight neodymium magnets in order to guarantee a better performance and make for easier transportation. The RCF Precision "Inside/ Outside" voice coils assure long term reliability and vastly reduced power compression.

The SUB 705-AS features a 15" inch woofer that, with a 3" inside-outside aluminium coil and a powerful magnetic structure, guarantees a fast and accurate sub-bass frequency range, taking advantage of RCF's superior moulding, assembly technologies and a wealth of professional knowledge and experience dedicated to achieving extremely high standards. 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 M10 threaded points for optional speaker kart, a 35 mm pole mount socket, two comfortable recessed side handles.

MAIN APPLICATIONS

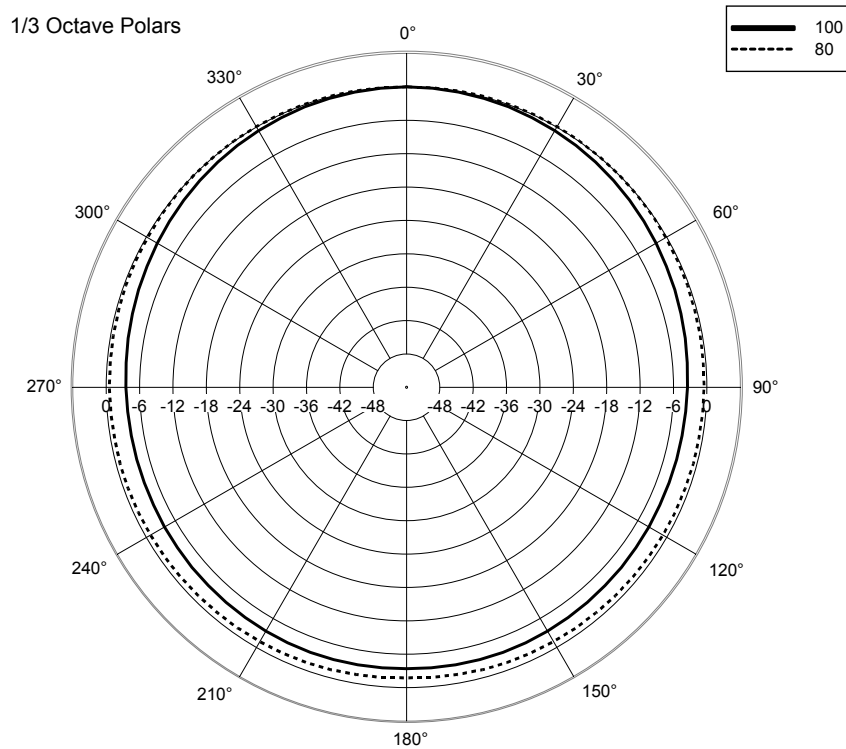
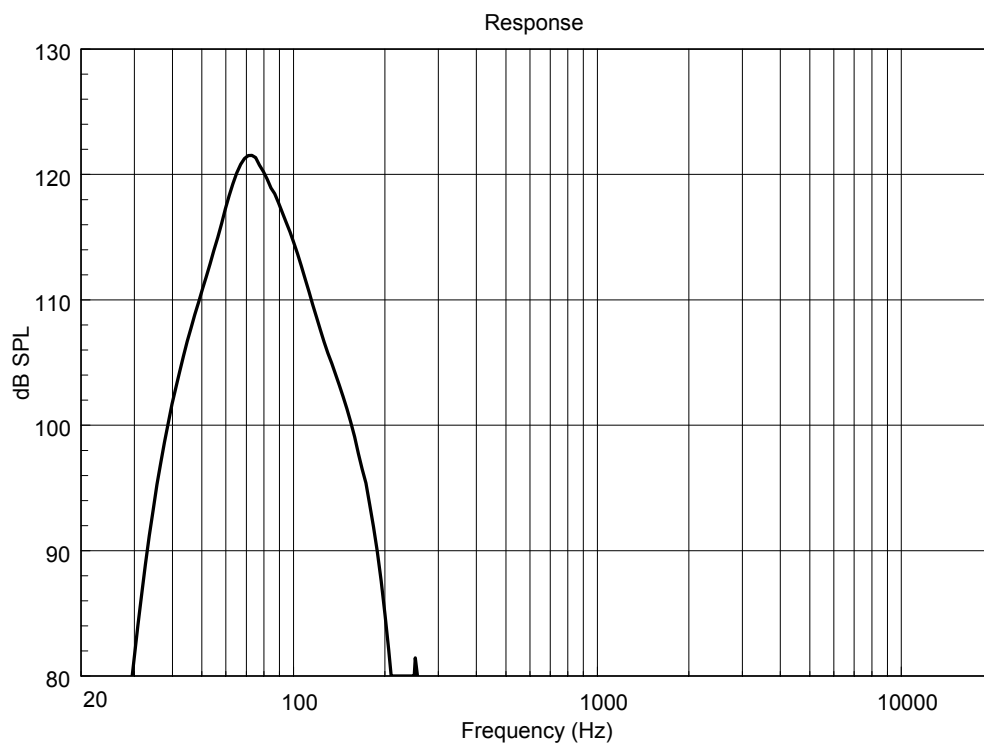
- Portable and installed audio-visual systems
- Small theatre and houses of worship
- Surround sound presentations
- Houses of worship, retail, restaurants/bars, transportation centers, theme parks
- Night Club Sub Bass
- Corporate Events

MAIN FEATURES

- High current 700 watt digital amplifier
- 130 dB max spl
- 15" High power woofer, 3" voice coil
- Xover selector, phase switch and high pass outputs
- Electronic equalization, soft limiter and protection
- Mono/stereo combo xlr/jack input, Mono/stereo xlr signal output
- Baltic birch compact enclosure and 2 side handles for easy transportation



SUB 705-AS



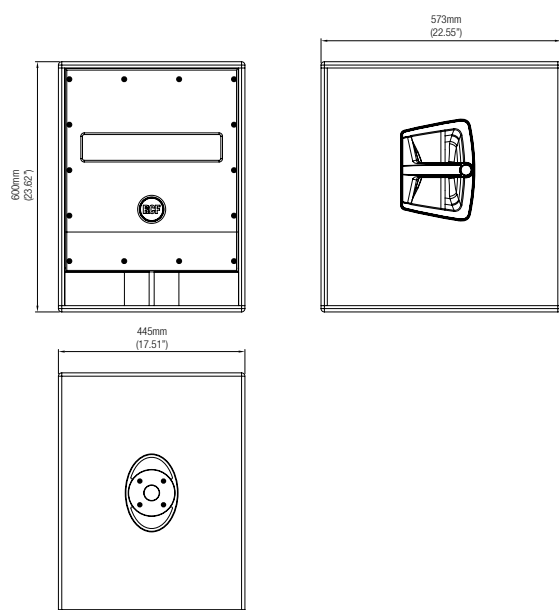
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PART NUMBERS

13000229 - 230V

13000228 - 115V

DIMENSIONS (All data are in mm)



ACOUSTICAL SPECIFICATIONS

Frequency response:	40 Hz - xover p.
Max SPL:	130 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofer:	15" neo, 3" voice coil

INPUT SECTION

Input signal (Impedance):	bal/unbal
Input/Output connector:	stereo c. xlr-jack
Input sensitivity:	+4 dBu

PROCESSOR SECTION

Crossover frequencies:	-
Protections:	Themel - RMS
Sensitivity control:	yes
Limiter:	soft limiter
High pass:	yes
Controls:	electronic equalization

ACCESSORIES

AC PRO-LF	Steel professional adapter sleeve for speaker floor stand, tube diametro 35 mm. Load capacity up to 50Kg, Weight 0.7 Kg, H 27.5 cm
AC PRO-PM	Steel pole mount accessory for a satellite speaker on a subwoofer, tube diametro 35 mm. Load capacity up to 35Kg, Weight 2.4 Kg, H MIN/MAX 95cm/137cm
AC PMA	Speaker pole mount
AC WK-FX	Kit no 4 fixed castor 80mm/3" dia black wheel with roller bearings
AC WK-SW	Kit no 4 swivel castor, 80mm/3" dia black wheel with roller bearings.

AMPLIFIER

Power supply:	700 Watt
High frequencies:	-
Mid frequencies:	-
Low frequencies:	switching / 800 Watt
Cooling:	convection
Connection:	Stereo Xlr/Jack combo input, Stereo Xlr signal output

PHYSICAL

Height:	600 mm (23.62")
Width:	445 mm (17.51")
Depth:	573 mm (22.55")
Weight:	32.2 kg (70.98 lbs)
Cabinet:	baltic birch
Hardware:	-
Handles:	2 side
Pole mount cap	yes
Colour:	Black

