

SUB 705-AS II

ACTIVE SUBWOOFER



DESCRIPTION

The SUB 705-AS II is a compact and powerful bass reflex subwoofer. It is equipped with a 15" high power woofer with 3" voice coil, powered by a 1400 Watt digital amplifier in a robust plywood housing with deep and punchy tuning for a powerful bass. Thanks to the built-in digital stereo crossover (DSP) with adjustable crossover frequency, it can be easily and quickly set up with a satellite speaker. The SUB 705-AS II easily combines with 12" and 15", ideal for RCF ART and D-Line Series.

The SUB 705-AS II is equipped with a new generation of 1400 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 stabilize the amplifier during transportation but also assist in the heat dissipation.

The input board includes stereo XLR Inputs (Balanced/unbalanced), stereo XLR Link/XOVER outputs, volume control, Xover switch, phase switch. 3 status LEDs – Limiter / Signal / Status are provided for monitoring the system

The new high-power 15-inch woofer is the result of the latest refinement in years of RCF experience in compact active subwoofer design and manufacture, providing a fast and controlled reproduction of the bass frequency range

The reason behind the original design of the cabinet's distinctive inward curve is related to sound optimisation. In a cabinet with a standard design, sound waves reflect on the cabinet's edges, thus creating undesired effects of absorption and disturbance or decreasing sound coverage. In our SUBs sound waves don't hit the sides because of the slightly concave profile with moulded edges that helps avoiding all acoustical drawbacks.

Two ergonomic recessed handles are positioned on the sides of the speaker. Thanks to the integrated steel pole mount, the SUBs can be easily combined with another speaker with a few simple moves. The use of steel instead of plastic makes the whole system particularly reliable and robust, thus allowing to choose a heavier monitor without the risk of damage.

MAIN FEATURES

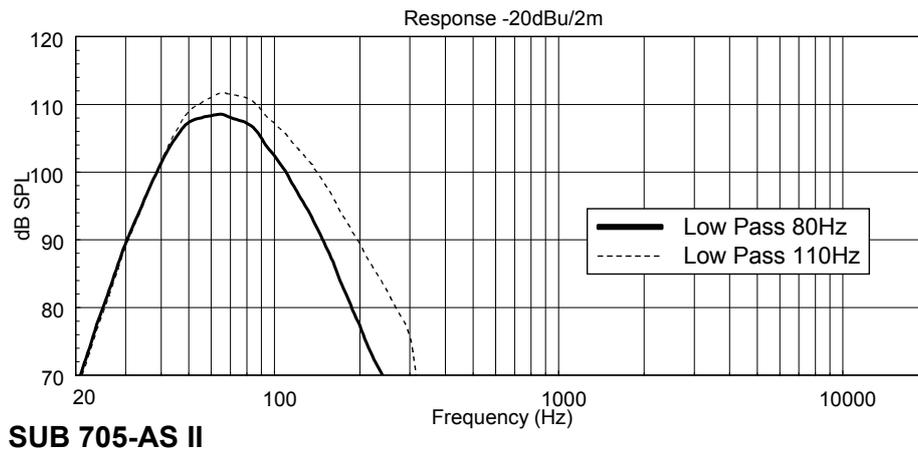
- 1400 Watt Digital Amplifier
- 15" Woofer, bass reflex housing
- Stereo crossover
- Switchable crossover frequencies
- Phase-reverse switch
- Electronic equalization, soft limiter and protection
- Stereo XLR input, Stereo XLR signal output

MAIN APPLICATIONS

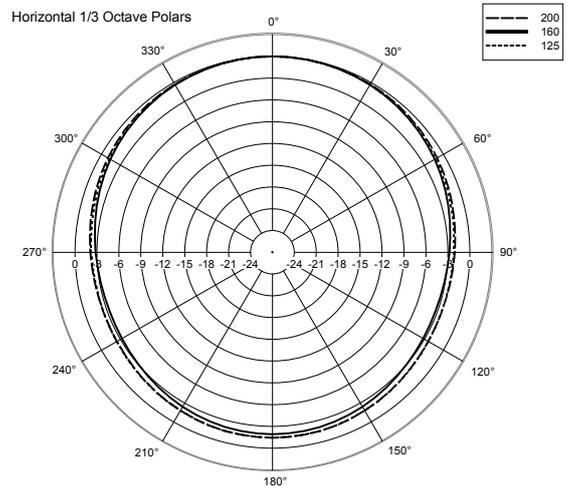
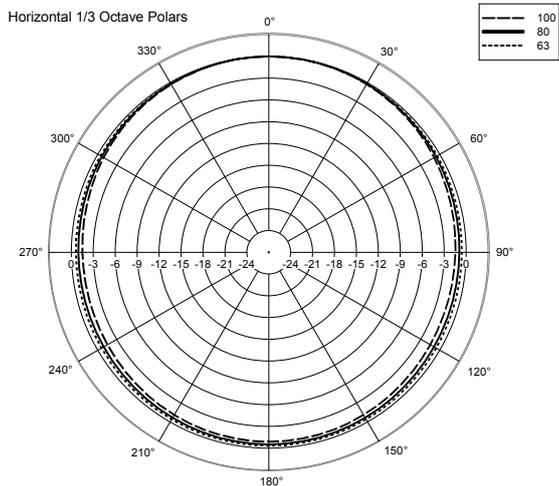
- Club sound, DJs
- Portable PA
- Rental
- Small theatre



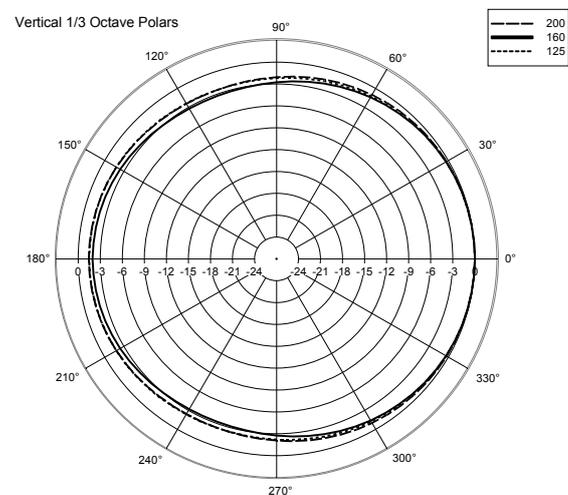
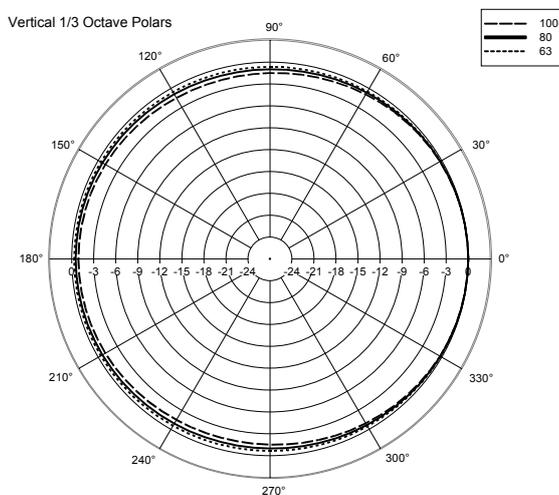
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HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT



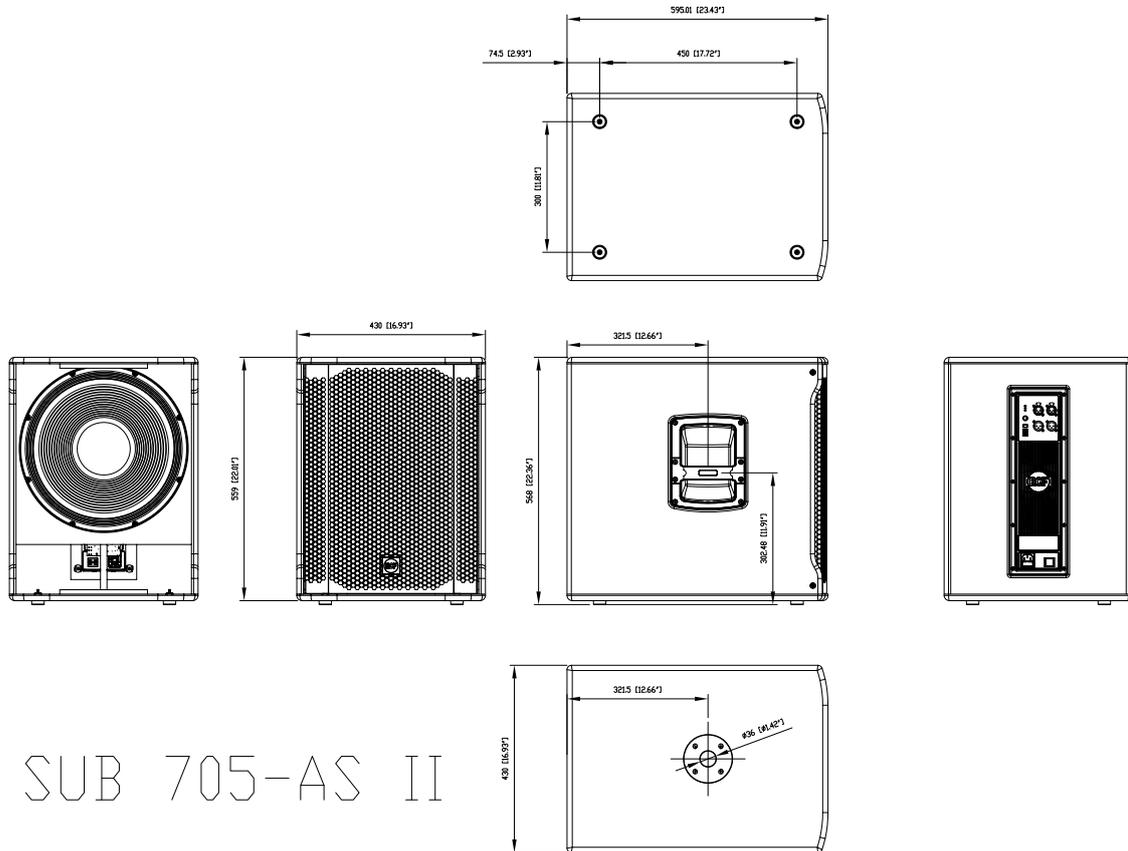
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PART NUMBERS

13000455 (230V)

13000456 (115V)

DIMENSIONS (All data are in mm)



SUB 705-AS II

ACOUSTICAL SPECIFICATIONS

Frequency response:	40 Hz - 120 Hz frequency response
Max SPL:	131 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofer:	15", 3.0" v.c.

INPUT SECTION

Input/Output connector:	stereo XLR
Input sensitivity:	-2 dBu / +4 dBu

PROCESSOR SECTION

Crossover frequencies:	80-110 Hz
Protections:	Thermal - RMS
Sensitivity control:	yes
Limiters:	soft limiter
Controls:	Volume, EQ, phase, xover

AMPLIFIER

Total Power:	1400 W PEAK - 700 W RMS
Cooling:	Convection
Connection:	VDE connector

PHYSICAL

Height:	568 mm (22.36")
Width:	430 mm (16.93")
Depth:	595 mm (23.43")
Weight:	28.0 kg (50.70 lbs)
Cabinet:	baltic birch
Hardware:	Pole mount
Handles:	2 side
Pole mount cap:	yes
Colour:	Black