

SUB 702-AS II

ACTIVE SUBWOOFER



DESCRIPTION

Housing a 12" woofer, the SUB 702-AS II, is a very compact active sub enclosure and features a 1400 W powerful digital amplifier. It is the ideal complement to 8" or 10" speakers, creating small but powerful satellite systems with outstanding performance. Thanks to its compact size it can easily be carried and is very quick and easy to start using the built-in digital stereo crossover (DSP) with adjustable crossover frequency to connect the satellite. The SUB 702-AS II is designed to integrate seamlessly into RCF professional speakers. The bass reflex design guarantees a deep, linear power response while the 2.5" voice coil design woofer offers the minimum of power compression. SUB 702-AS II is the perfect match for 8", 10" or 12" satellite speakers. It is also the ideal companion subwoofer for the RCF ART 3, ART 7 or D-Line Series.

The SUB 702-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 12-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

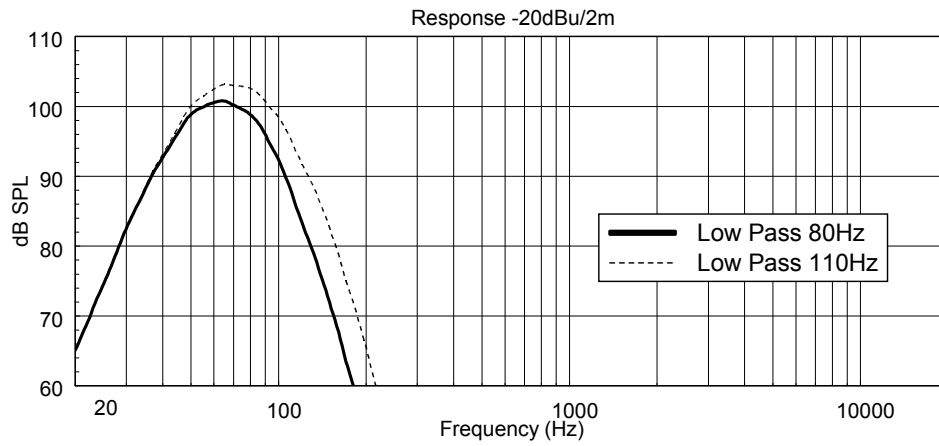
- 1400 Watt Digital Amplifier
- 12" Woofer, bass reflex housing
- Stereo crossover
- Switchable crossover frequencies
- Phase-reverse switch
- Electronic equalization, soft limiter and protection
- Stereo XLR input, Stereo XLR signal output

MAIN APPLICATIONS

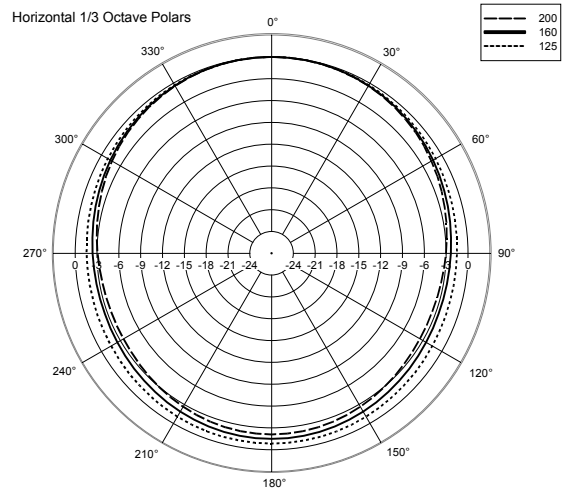
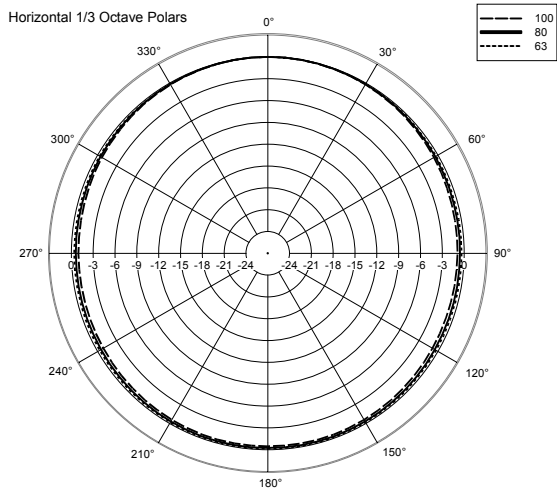
- Club sound, DJs
- Portable PA
- Rental
- Small theatre



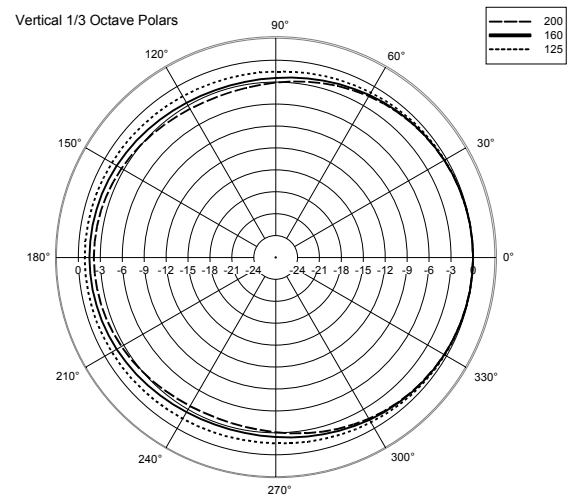
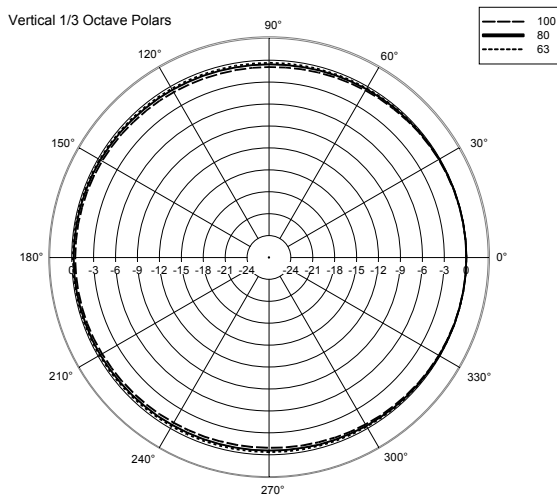
SUB 702-AS II



HORIZONTAL 1/3 POLAR PLOT



VERTICAL 1/3 POLAR PLOT



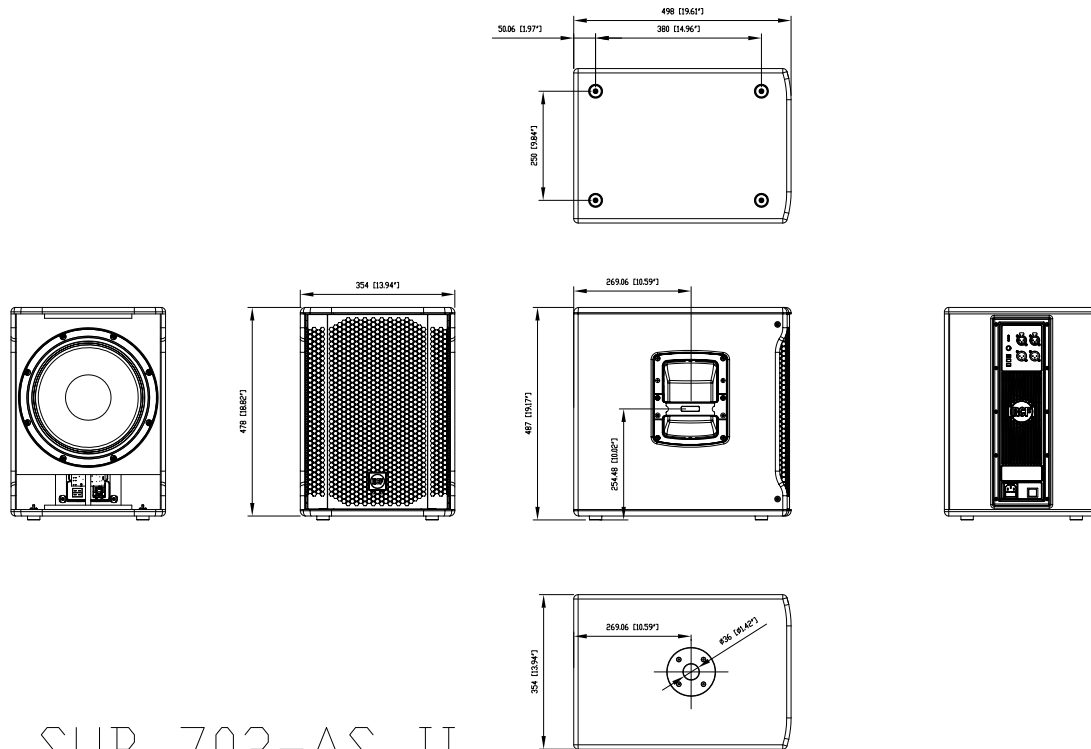
SUB 702-AS II

PART NUMBERS

13000453 (230V)

13000454 (115V)

DIMENSIONS (All data are in mm)



SUB 702-AS II

ACOUSTICAL SPECIFICATIONS

Frequency response:	40 Hz - 120 Hz frequency response
Max SPL:	129 dB
Horizontal coverage angle:	-
Vertical coverage angle:	-
Compression driver:	-
Midrange:	-
Woofer:	12", 2.5" v.c.

INPUT SECTION

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

PROCESSOR SECTION

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

AMPLIFIER

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

PHYSICAL

Height:	487 mm (19.17")
Width:	354 mm (13.94")
Depth:	498 mm (19.61")
Weight:	17.5 kg (38.58 lbs)
Cabinet:	baltic birch
Hardware:	Pole mount
Handles:	2 side
Pole mount cap:	yes
Colour:	Black