



SUB 700-AS MK3 SERIES

ACTIVE SUBWOOFER



TECHNOLOGIES

CONTENT

Technologies

SUB 708-AS MK3 Features

SUB 705-AS MK3 Features

SUB 702-AS MK3 Features

SUB 700 Series Comparative Features

SUB 700 Series Accessories



BASS MOTION CONTROL

The advanced woofer excursion management increases linearity and improves bass punch with a radical new approach. BMC extends the lowest audible frequency without affecting the transducer's stability, limiting over-excursions for greater reliability and superior performance at high volume levels.

Control Of Mechanical Displacement

High-Pass Filter Removal

Remove Limiter In The Whole Range



Improved Performance

Constant Timbral Balance

POWERFUL CLASS D AMPLIFIERS

RCF's Class-D power amplifier technology packs huge performance operating with high efficiency into a lightweight solution. RCF amplifiers deliver an ultra-fast attack, realistic transient response, and impressive audio performance. The amplifier features a solid machined aluminium structure which not only stabilises the amplifier during transportation but also helps the fan-less heat dissipation. All the amplifiers present SMPS power supply section to produce maximum output and minimum weight.

LEGENDARY SUBWOOFERS

RCF subwoofers are the first choice of many sound engineers, due to their very high SPL levels at very low frequencies, small dimensions compared to the competitors, self-powered design, internal delay control, cardioid configuration options and an impressive size/weight to SPL output ratio. Your audience will enjoy an engaging immersive experience.



EASY CONTROL

These subwoofers can be configured from the rear panel, and features a full set of commands:

- XOVER PRESET 80Hz/110Hz
- POLARITY REVERSE
- OUT SIGNAL, LINK / XOVER



SUB 708-AS MK3 FEATURES

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SUB 700 Series Accessories

Thanks to the built-in digital stereo crossover (DSP) with adjustable crossover frequency it can be easily and quickly set up as a satellite speaker system. The SUB 708-AS MK3 perfectly match 12" or 15" satellite speakers. The SUB 708-AS MK3 is the ideal companion subwoofer the RCF ART 7 ART 9, NX or D-Line Series.

- 1400 Watt Digital Amplifier
- 18" Woofer, bass reflex housing
- Stereo crossover
- Switchable crossover frequencies
- Polarity-reverse switch
- Electronic equalization, soft limiter and protection
- Stereo XLR input, Stereo XLR signal output
- Height: 693 mm / 27.28"
- Width: 505 mm / 19.88"
- Depth: 685 mm / 26.97"
- Weight: 40 kg / 88.18 lbs



BASS MOTION
CONTROL

SUB 705-AS MK3 FEATURES

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SUB 708-AS MK3 Features

SUB 705-AS MK3 Features

SUB 702-AS MK3 Features

SUB 700 Series Comparative Features

SUB 700 Series Accessories

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 MK3 easily combines with 12" and 15", ideal for RCF ART 7 ART 9, NX or D-Line Series.

- 1400 Watt Digital Amplifier
- 15" Woofer, bass reflex housing
- Stereo crossover
- Switchable crossover frequencies
- Polarity-reverse switch
- Electronic equalization, soft limiter and protection
- Stereo XLR input, Stereo XLR signal output
- Height: 598 mm / 23.54"
- Width: 420 mm / 16.54"
- Depth: 590 mm / 23.23"
- Weight: 27.5 kg / 60.63 lbs



BASS MOTION
CONTROL

SUB 702-AS MK3 FEATURES

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Technologies

SUB 708-AS MK3 Features

SUB 705-AS MK3 Features

SUB 702-AS MK3 Features

SUB 700 Series Comparative Features

SUB 700 Series Accessories

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.

- 1400 Watt Digital Amplifier
- 12" Woofer, bass reflex housing
- Stereo crossover
- Switchable crossover frequencies
- Polarity-reverse switch
- Electronic equalization, soft limiter and protection
- Stereo XLR input, Stereo XLR signal output
- Height: 523 mm / 20.59"
- Width: 360 mm / 14.17"
- Depth: 515 mm / 20.28"
- Weight: 21 kg / 46.3 lbs



BASS MOTION
CONTROL

SUB 700-AS MK3 COMPARATIVE FEATURES

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SUB 708-AS MK3 Features

SUB 705-AS MK3 Features

SUB 702-AS MK3 Features

SUB 700 Series Comparative Features

SUB 700 Series Accessories

	SUB 708-AS MK3	SUB 705-AS MK3	SUB 702-AS MK3
Acoustical specifications			
Frequency Response:	35 Hz ÷ 120 Hz	40 Hz ÷ 120 Hz	40 Hz ÷ 120 Hz
Max SPL @ 1m:	133 dB	131 dB	129 dB
Transducers			
Woofers:	18", 3.0" v.c.	15", 3.0" v.c.	12", 2.5" v.c.
Input/Output section			
Input signal:	bal/unbal	bal/unbal	bal/unbal
Input connectors:	XLR	XLR	XLR
Output connectors:	XLR	XLR	XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section			
Hi-Pass Frequencies:	110 Hz	110 Hz	110 Hz
LOW-Pass Frequencies:	80 Hz	80 Hz	80 Hz
Crossover Frequencies:	-	-	-
Protections:	Thermal, RMS	Thermal, RMS	Thermal, RMS
Limiter:	Soft Limiter	Soft Limiter	Soft Limiter
Controls:	Volume, EQ, Phase, Xover	Volume, EQ, Phase, Xover	Volume, EQ, Phase, Xover
Power section			
Total Power:	1400 W Peak	1400 W Peak	1400 W Peak
Low frequencies:	1400 W Peak	1400 W Peak	1400 W Peak
Cooling:	Convection	Convection	Convection
Connections:	VDE	VDE	VDE
RCF Technology	BASS MOTION CONTROL	BASS MOTION CONTROL	BASS MOTION CONTROL
Standard compliance			
Safety agency:	CE compliant	CE compliant	CE compliant
Physical specifications			
Cabinet/Case Material:	Baltic birch plywood	Baltic birch plywood	Baltic birch plywood
Hardware:	-	-	-
Handles:	One each side	One each side	One each side
Pole mount/Cap:	1 x M20 on TOP	1 x M20 on TOP	1 x M20 on TOP
Grille:	Steel with clothing	Steel with clothing	Steel with clothing
Color:	Black	Black	Black
Size			
Height:	693 mm / 27.28"	598 mm / 23.54"	523 mm / 20.59"
Width:	505 mm / 19.88"	420 mm / 16.54"	360 mm / 14.17"
Depth:	685 mm / 26.97"	590 mm / 23.23"	515 mm / 20.28"
Weight:	40 kg / 88.18 lbs	27.5 kg / 60.63 lbs	21 kg / 46.3 lbs
PART NUMBER			
220-240 V	13000809	13000812	13000818
100-120 V	13000810	13000817	13000819

ACCESSORIES

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COVERS



CVR SUB 708-AS MK3 p.n. 13360530

Padded Cover for SUB 708-AS MK3. It features heavy-duty weatherproof polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners. The frontal cover can be opened and blocked with velcro on one side. It features multiple openings for handles, for the rear connection panel, and the pole mount cap.



CVR SUB 705-AS MK3 p.n. 13360529

Padded Cover for SUB 705-AS MK3. It features heavy-duty weatherproof polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners. The frontal cover can be opened and blocked with velcro on one side. It features multiple openings for handles, for the rear connection panel, and the pole mount cap.



CVR SUB 702-AS MK3 p.n. 13360528

Padded Cover for SUB 702-AS MK3. It features heavy-duty weatherproof polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners. The frontal cover can be opened and blocked with velcro on one side. It features multiple openings for handles, for the rear connection panel, and the pole mount cap.

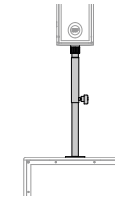
TRANSPORTATION



WH PRO 4X p.n. 13360238

Kit no 4 swivel castor, 100mm / 4" Ø wheel with roller bearings for SUB 708-AS MK3.

STACKING



PM-KIT M20 p.n. 13360067

Adjustable pole for subwoofer. Height adjustment using a non-scratching locking screw and safety pin. Moveable plastic splints separate the speaker from the stand creating a vibration-free connection. Length: min 725 mm - max 1135 mm.



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