



SUB AX SERIES
PROFESSIONAL ACTIVE SUBWOOFERS



SUBWOOFERS TECHNOLOGIES

CONTENT

Technologies

Touch Panel And Remote Control

SUB 18-AX Features

SUB 15-AX Features

Subwoofers Comparative Features

Subwoofers 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

With 2200W power, our Class-D amplifier is able to manage extreme sound pressure levels with an ultra-fast attack, realistic transient response, and very low heat loss. So energy-efficient that there's no need for a cooling fan - the amplifier is attached to a solid aluminum heat exchanger in the rear of the cabinet - with no moving parts. The stereo input circuit with crossover features a low distortion design with an advanced safety limiter, maintaining the true character of the input signal at all levels.

LEGENDARY SUBWOOFERS

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

TOUR-READY WORKHORSE

The subwoofer is suitable for a wide range of live sound applications. The rugged all-plywood cabinet is easy to carry and stack, due to its light-weight. All are equipped with ergonomic handles with rubber grips for easy set-up and tear down. The M20 threaded slot on the top allows the cabinet to support speakers with a pole mount. The heavy-duty polyurea coating, the powder-coated metal grille, and the rugged structure of the cabinet withstand long-term use and transportation.



TOUCH PANEL AND REMOTE CONTROL

CONTENT

Technologies

Touch Panel And Remote Control

SUB 18-AX Features

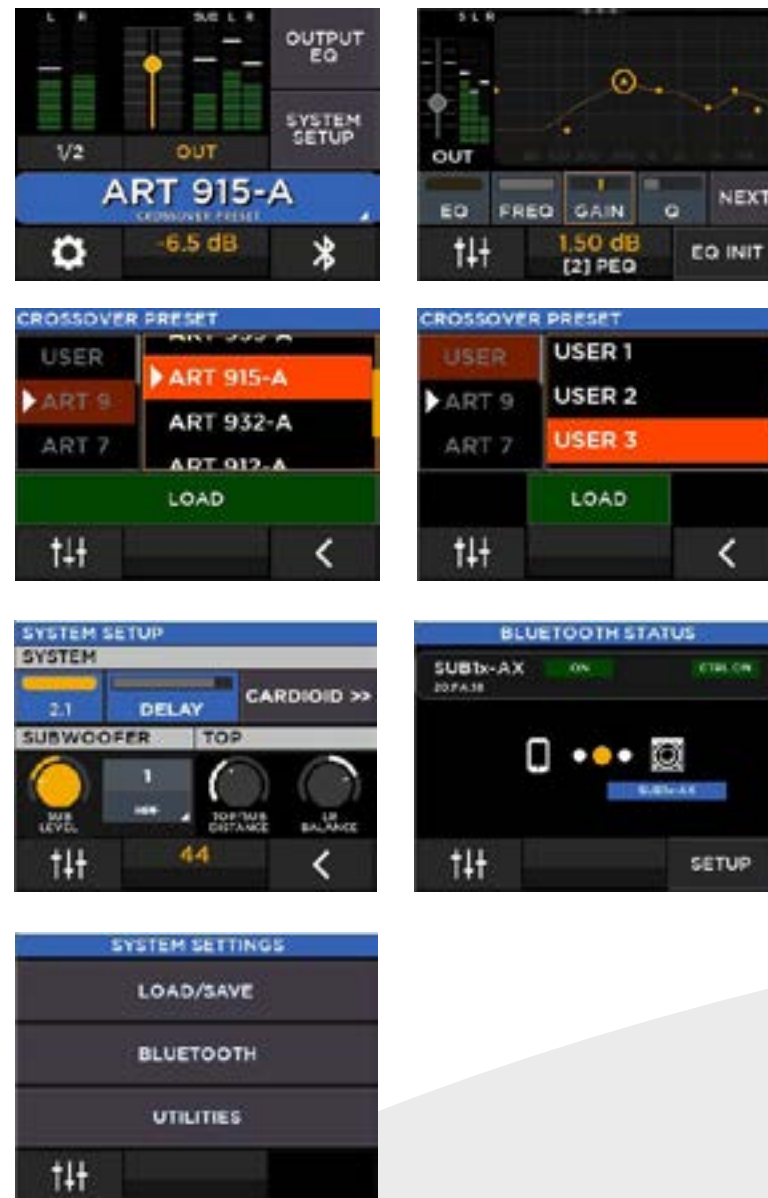
SUB 15-AX Features

Subwoofers Comparative Features

Subwoofers Accessories

TOUCH SCREEN BACK PANEL

The SUB 18-AX back panel features a large 2.4-inch color touch screen and a push encoder to adjust all subwoofer settings on-the-fly. A flexible crossover section offers several presets for an optimal match with other RCF speakers; an advanced system section, with an 8-band equalizer and a delay up to 45 m, allow full system control, individually or paired with another subwoofer. Both 2.1 and 1.1 configurations are possible.



LIVEREMOTE CONTROL APP

Whether you're a musician, DJ, or pro sound engineer, RCF LiveRemote App extends its reach: the same app is available for both ART 9 AX and SUB AX families. On the subs, preset selection, system EQ and delay adjustments and crossover individual settings are quickly accessible; furthermore, two subwoofer units can be paired for 2.2 operation. Available for Android and iOS phones and tablets.



 LIVEREMOTE CONTROL APP

SUB 18-AX FEATURES

CONTENT

Technologies

Touch Panel And Remote Control

SUB 18-AX Features

SUB 15-AX Features

Subwoofers Comparative Features

Subwoofers Accessories

The SUB 18-AX is a portable 18” high-power active subwoofer for live sound applications with fully featured processing, a color touch panel, and remote control. The combination of a state-of-the-art transducer with a powerful Class-D amplifier delivers sound pressure levels up to 135 dB with exceptional headroom, perfect for mid-sized venues and portable applications.

- 2200 Watt Class-D Amplifier
- 135 dB MAX SPL
- 18” Woofer, bass reflex housing
- Digital Crossover w/ Speaker Presets
- Multi-ply hardwood polyurea coated
- LiveRemote App for remote control via Bluetooth
- Dual XLR/TRS combo Input + Link; Dual XLR Xover Out
- Powercon True1 Top Sealed AC Connector



BASS MOTION
CONTROL



- Height: 693 mm / 27.28 inches
- Width: 505 mm / 19.88 inches”
- Depth: 685 mm / 26.97 “
- Weight: 37.6 kg / 82.89 lbs

SUB 15-AX FEATURES

CONTENT

Technologies

Touch Panel And Remote Control

SUB 18-AX Features

SUB 15-AX Features

Subwoofers Comparative Features

Subwoofers Accessories

The SUB 15-AX is a portable 15" high-power active subwoofer for live sound applications with fully featured processing, a color touch panel, and remote control. The combination of a state-of-the-art transducer with a powerful Class-D amplifier delivers sound pressure levels up to 133 dB with exceptional headroom, perfect for mid-sized venues and portable applications.

- 2200 Watt Class-D Amplifier
- 133 dB MAX SPL
- 15" Woofer, bass reflex housing
- Digital Crossover w/ Speaker Presets
- Multi-ply hardwood polyurea coated
- LiveRemote App for remote control via Bluetooth
- Dual XLR/TRS combo Input + Link; Dual XLR Xover Out
- Powercon True1 Top Sealed AC Connector



BASS MOTION
CONTROL



- Height: 590 mm / 23.23"
- Width: 420 mm / 16.54"
- Depth: 590 mm / 23.23"
- Weight: 26 kg / 57.32 lbs

SUBWOOFERS COMPARATIVE FEATURES

CONTENT

Technologies

Touch Panel And Remote Control

SUB 18-AX Features

SUB 15-AX Features

Subwoofers Comparative Features

Subwoofers Accessories

	SUB 18-AX	SUB 15-AX
Acoustical specifications		
Frequency Response:	35 Hz ÷ 120 Hz	35 Hz ÷ 120 Hz
Max SPL @ 1m:	135 dB	133 dB
Transducers		
Woofer:	18", 4.0" v.c	15", 3.0" v.c
Input/Output section		
Input signal:	bal/unbal	bal/unbal
Input connectors:	Combo XLR/Jack	Combo XLR/Jack
Output connectors:	XLR	XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section		
Crossover Frequencies:	Digital Crossover	Digital Crossover
Protections:	Thermal	Thermal
Limiter:	Soft Limiter	Soft Limiter
Controls:	Encoder for Volume control and data entry. Touch Screen for parameter management and monitor.	Encoder for Volume control and data entry. Touch Screen for parameter management and monitor.
Power section		
Total Power:	2200 W Peak	2200 W Peak
Low frequencies:	2200 W Peak	2200 W Peak
Cooling:	Convection	Convection
Connections:	Powercon TRUE1 TOP IN/OUT	Powercon TRUE1 TOP IN/OUT
RCF Technology		
	BASS MOTION CONTROL	BASS MOTION CONTROL
Standard compliance		
Safety agency:	CE compliant	CE compliant
Physical specifications		
Cabinet/Case Material:	Plywood	Plywood
Handles:	One handle per side	One handle per side
Pole mount/Cap:	Yes	Yes
Grille:	Steel with clothing	Steel with clothing
Color:	Black, White	Black, White
Size		
Height:	693 mm / 27.28 inches	590 mm / 23.23 inches
Width:	505 mm / 19.88 inches	420 mm / 16.54 inches
Depth:	685 mm / 26.97 inches	590 mm / 23.23 inches
Weight:	37.6 kg / 82.89 lbs	26 kg / 57.32 lbs
PART NUMBER		
220-240 V Black	13000836	13000835
100-120 V Black	13000834	13000832
220-240 V White	13000880	13000878
100-120 V White	13000879	13000877

SUBWOOFERS ACCESSORIES

CONTENT

Technologies

Touch Panel And Remote Control

SUB 18-AX Features

SUB 15-AX Features

Subwoofers Comparative Features

Subwoofers Accessories

COVERS



CVR 003

p.n. 13360530

Padded Cover for SUB 18-AX. 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 004

p.n. 13360529

Padded Cover for SUB 15-AX. 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 18-AX.

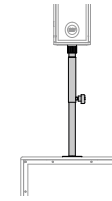
STACKING



AC PRO-PM

p.n. 13360110

Steel speaker pole mount with telescopic rod, tube diameter 35mm. 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. Easy to use ring lock.



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.



www.rcf.it

HEADQUARTERS:

RCF S.p.A. Italy
tel. +39 0522 274 411
e-mail: info@rcf.it

RCF UK
Int. +44 (0) 1702 800846
e-mail: info@rcfaudio.co.uk

RCF France
tel. +33 6 24 15 81 76
e-mail: france@rcf.it

RCF Germany
tel. +49 2203 925370
e-mail: germany@rcf.it

RCF Spain
tel. +34 91 817 42 66
e-mail: info@rcfaudio.es

RCF Benelux
tel. +49 (0) 2203 9253724
e-mail: benelux@rcf.it

RCF USA Inc.
tel. +1 732-9026100
e-mail: info@rcf-usa.com