



LIVE SOUND



RCF offers modern sound reinforcement solutions for the market of professional users, consisting of innovative products that were engineered and manufactured to satisfy the needs of rental and production companies.

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RCF Sound Culture

AT RCF WE CARE ABOUT YOUR SOUND

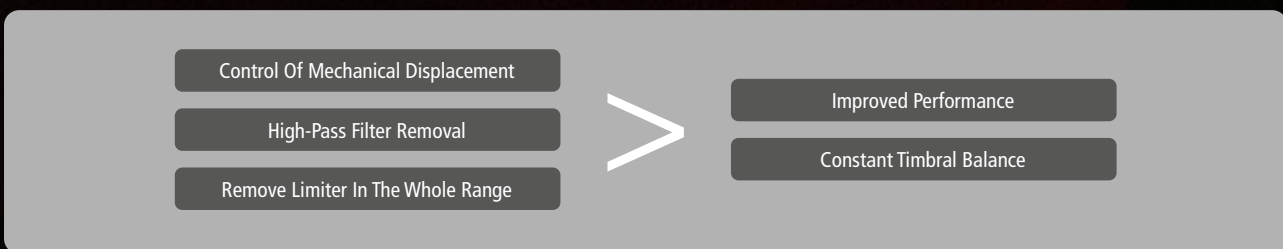
Since 1949 RCF has been committed to the perfect reproduction and amplification of sound in the fields of professional audio for events, music, broadcast and public address. We bring typical Italian passion for perfection and good design in the world of professional audio. RCF researches and develops every product from scratch, to ensure the maximum quality and reliability to the final user. The complete range of products covers all the aspects of the audio chain and all the requirements of musicians, sound engineers, architects and system integrators.



BASS MOTION CONTROL

When searching for an extended bass with enhanced performance, RCF engineers found a way to remove the high-pass filter, replacing it with a forward-thinking approach. Introducing BMC (Bass Motion Control), the newly advanced woofer excursion management feature. The speaker equipped with BMC can handle the lowest audible frequencies without affecting woofer stability, with extended linearity and better sound integrity.

The BMC method works by creating a complete map of the dynamic behavior of the woofer, to generate a custom algorithm that only limits over-excursions. This gives total freedom of signal reproduction to the transducer. When high-pass filters normally protect the woofer motion from becoming destructive but change the phase behavior, the new BMC algorithm breaks conventional rules.



LIVE SOUND

RCF offers the best audio options for a multitude of live sound applications in versatile and easy-to-use self-powered devices. Just connect your microphone, your mixer or your audio device to the speaker and turn up the volume. So you get excellent sound out of the box. This makes the RCF LIVE SOUND products the smart choice for live entertainment, DJs, parties, club music and corporate events.

BRING RCF WITH YOU

RCF's meaning of portability is an extended concept. Portable means easy-to-carry and easy-to-use. Handling has to be lightweight and practical; essential on the day to day job. Simple and effective controls, without misinterpretation for the fastest set-up. Our goal is to have a perfectly sounding system in each venue with the minimum effort.



FiRPHASE TECHNOLOGY

RCF speakers are designed using a proprietary and advanced FiR filtering technology, conceived to deliver transparent sound, absolute clarity and perfect stereo images to the listener. The special FiRPHASE filters allow for coherent distribution of sound for all listeners without phase distortions, ensuring minimum latencies in the system.

The design of the FIR filter for this specific purpose should start from an accurate measurement of the loudspeaker phase. FiRPHASE algorithm use this measurement and adapt the loudspeaker's phase without touching the amplitude equalization. The advanced technique used by FiRPHASE is a recursive method (least squares method) combined with a proprietary algorithm that calculates the best FIR filter coefficients according to amplitude and phase constrains.

The algorithm corrects phase and amplitude (if necessary) by identifying the weak points of both the transducers and cabinet of the loudspeaker.

This technique allows a deep control of phase at mid-low frequency with relatively small filters, while also achieving a higher resolution than that one as theory suggests.



LEGENDARY TECHNOLOGY

With over 70 years of design and manufacturing experience, RCF has been instrumental in technological innovation. RCF Class-D amplifiers deliver an ultra-fast attack and low distortion for optimum audio performance. Our DSP features soft clipping limiters, RMS limit, amplitude and phase equalizations. Woofers and compression drivers are precision built taking advantage of RCF's technologies and extremely high standards.

UNPARALLELED RELIABILITY

LIVE SOUND cabinets are built in composite polypropylene marine Baltic birch plywood, coated with high resistance epoxy paint and features ergonomic recessed handles. The base of each speaker includes a robust pole socket for mounting on a stand or a subwoofer pole. Thoughtful cabinet design ensures the use of the speakers as low-profile stage monitors.

ART 9 SERIES

ART 9 combines raw power and technological innovation to reliably deliver superior clarity with impressive sound pressure. With RCF build quality and packed with premium features, it's the most versatile loudspeaker for professional applications—on the road, on the stage, and is also suitable for fixed installation.

THE MOST POWERFUL AMPLIFIER IN ITS CLASS

With 2,100 Watts of power, the 2-channel ART 9 Class-D amplifier is 50% more powerful than previous models, able to manage extremely

high sound pressure levels with an ultra-fast attack, realistic transient response, and very low heat loss.

SUPERIOR COMPRESSION DRIVERS

Lightweight and powerful, RCF drivers are a true reference for high performance. All transducers are designed by RCF engineers in Italy for maximum reliability and perfectly matched components.

POLYIMIDE-KAPTON DOME 10x more durable

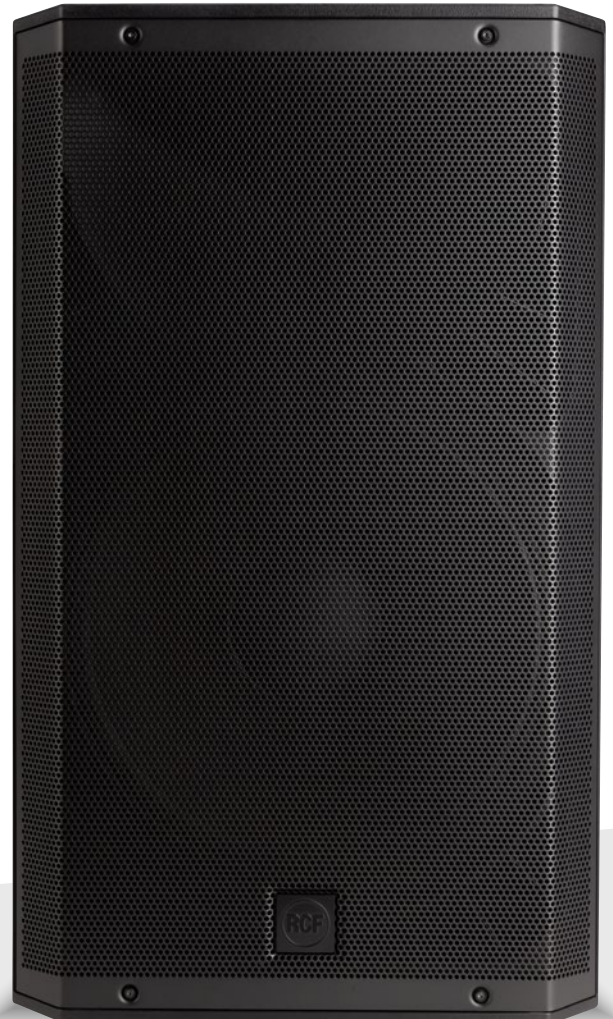
Kapton® is a material extensively used in space and for temperature-resistant insulation. For applications where extremes of heat and vibration are the norm, designers rely on Kapton® because of its ability to maintain its unique combination of mechanical properties under the harshest of conditions.

REMARKABLE WOOFERS

Low-frequency transducer design gains more stability over higher currents, with less distortion, and is highly efficient in terms of heat dissipation. RCF quality control is very strict. Our woofers are tested with a 200 hours continuous signal to stress the transducer at extreme levels. Only the best woofer design can fit ART 9.

ACTIVE TWO-WAY PROFESSIONAL SPEAKERS

- Up to 135 dB Sound Pressure Level
- 2100W Class-D Bi-Amplification
- Up to 50 ÷ 20000 Hz linear frequency response
- Wide 100° x 60° Constant Directivity
- Up to 1800 Hz Crossover Frequency
- FIRPHASE zero degrees phase technology
- Bass Motion Control woofer excursion management
- True Resistive Waveguide for superb, distortion-free coverage
- Road-proof Cabinet with M-Brace Reinforcement



*a revolution
in portable sound*

NEW CABINET DESIGN

A professional appearance of an ART 9 speaker is ideal for live events or installed applications. The sleek black cabinet uses a special polypropylene composite material with a radically new construction

TRUE RESISTIVE WAVEGUIDE

The TRW waveguide mimics a resonance-free pure resistive load reducing the high-frequency distortion of a classic horn. With its asymmetrical sound shaping, the coverage angle of the waveguide provides constant directivity to the entire listening area and improved stereo panorama.

concept. The grill cover is heavy-duty steel protecting both transducers and vented ports.

M-BRACE

The M-brace reinforcement connects four internal sides of the enclosure with the amplifier, preventing any deformation for a completely inert body, with augmented acoustical damping even at maximum volume settings. The M-brace design also performs as a reinforcement structure, for greater resistance to mechanical stress.



ONE INPUT

Plug the output of your mixer or audio device into the Line-in Combo (TRS+XLR) Input

ALUMINUM BACK PANEL

TRUE RESISTIVE WAVEGUIDE

M-BRACE



True Outdoor Protection (TOP)
PowerCON TRUE1
ART 945-A only

The cabinet is easy to carry, thanks to ergonomic handles with rubber grips on both sides and the top

ART 9-AX SERIES

With rugged build quality and premium features, ART 9-AX combines all ART 9-A features with a powerful digital mixer and advanced capabilities. Several operating modes are included, alone or paired with other speakers and subwoofers, wired or wireless. All available functions and parameters are accessible from the onboard color display via a capacitive touch screen and an encoder knob, as well as from a dedicated app for iOS and Android devices.

CLASS-LEADING SOUND AND FUNCTIONALITY

Featuring 48V microphone preamps and line inputs, an internal 6-channel digital mixer with advanced DSP, Bluetooth audio input and remote control for both single and dual paired speakers, ART 9-AX is a worthy solution for any audio application. The speaker can be used alone as the main central unit, paired wireless/wired with another ART, or connected to a subwoofer.

The new bi-amplified 2100W electroacoustic design provides impressive Sound Pressure Levels (SPL) while preserving extreme clarity when used in open-air environments and long distances. All operations can be controlled by the 2.4-inch color touch display on the backpanel or remotely by the LiveRemote App for Android and iOS devices.

TOUCH SCREEN BACK PANEL

The ART 9 AX back panel features a large 2.4-inch color touch screen and a push encoder to adjust all speaker settings on-the-fly. The dual-mode menu is optimized for fast navigation: Easy Mode for fast and immediate setup, Advanced Mode for professional tuning and signal routing.



PROFESSIONAL ACTIVE BLUETOOTH® SPEAKER

- All the features of ART 9 Series plus:
- Bluetooth® for Audio Streaming and Control
- Smartphone app for remote control
- 6-in, 2-out stereo digital mixer and output processing
- Internal digital mixer and crossover for RCF subwoofers
- Color display with capacitive touch





BUILT-IN MIXER FEATURES

Processor section

Controls: Color touch panel, data entry/volume encoder, dedicated App for iOS and Android.

Electronic specifications

Frequency Response: 20 Hz ÷ 20 kHz
 THD+N, 20dB gain, 0dBu out 0.005% A-Weighted

Processing

Processing Channels: 6
 Signal Processing: 24 Bit
 A/D-D/A conversion: 32 Bit @ 48.0 kHz
 Dynamic Range: 110

Inputs

Mic: 2
 Remote controlled storable gain: Yes
 Gain Range: 0 dB ÷ 42 dB
 Input Noise Level: -114 dBu A-Weighted
 Mic Inputs Impedance: 6 kohm
 Low Cut: 20 Hz ÷ 400 Hz
 Phantom Power +48V: Yes
 Mono Line: 2
 Gain Selection: 0 dB ÷ 22 dB
 Line Input Impedance: 21 kohm
 A/D Dynamic range: 114 dB
 Stereo Line: 1
 Gain Selection: 0 dB ÷ 10 dB
 Stereo Line Input Impedance: 13 kohm

Outputs

Main MIX: 1

Outputs specifications

Main Out Impedance: 150 ohm
 Main Out Level: 22 dBu
 D/A Dynamic Range: 114 dB

Compressors

RCF Compressors: Compressors on MIC/LINE CH1 & CH2 inputs

EQ

Input Channels EQ: 2 Shelving 1
 Description: 3 Band EQ: High and Low band shelving, MID band peak on IN
 5 Band EQ: 4 Full Parametric, 1 High Shelving and HPF 24 dB/Oct on Amplifier and MAIN output

Internal Effects

Send Effects: 1

Mastering processors

Main OUT type: Mix out, Crossover out with RCF Subwoofers presets, Stereo output, CH1 Link out.



LIVEREMOTE CONTROL APP

Whether you're a musician, DJ, or pro sound engineer, RCF LiveRemote App makes it easy to adjust ART 9 AX mixer, DSP, FX, routing, and Bluetooth settings. LiveRemote also allows full control of the internal ART 9 AX engine: recall and save presets, set your desired volume levels, adjust EQ, compressors, and FX, customize and tune your sound system and much more. Available for Android and iOS phones and tablets.



ART 9 & ART 9-AX SERIES

BRING ART WITH YOU

ART 9 can operate as either the main system or as a floor monitor. This flexibility makes it a smart choice for a wide range of live sound applications. From molding to the final texture, ART 9 offers maximum strength for intensive use on the road, well suitable for fixed installation.



FEATURES

	ART 945-A	ART 935-A	ART 915-A	ART 915-AX	ART 932-A
Acoustical specifications					
Frequency Response:	45 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz		50 Hz ÷ 20 kHz
Max SPL @ 1m:	135 dB	133 dB	131 dB		132 dB
Horizontal coverage angle	100°	100°	100°		100°
Vertical coverage angle:	60°	60°	60°		60°
Transducers					
Compression Driver:	1.4" neo, 4" v.c.	1.4" neo, 3" v.c.	1", 1.75" v.c.		1.4" neo, 3" v.c.
Woofers:	15" neo, 3.5" v.c.	15", 3.0" v.c.	15", 2.5" v.c.		12", 2.5" v.c.
Input/Output section					
Input signal:	bal/unbal	bal/unbal	bal/unbal		bal/unbal
Input connectors:	XLR, Jack	XLR, Jack	XLR, Jack		XLR, Jack
Output connectors:	XLR	XLR	XLR		XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu		-2 dBu/+4 dBu
Processor section					
Crossover Frequencies:	650 Hz	800 Hz	1800 Hz		700 Hz
Protections:	Thermal, RMS	Thermal, RMS	Thermal, RMS		Thermal, RMS
Limiter:	Soft Limiter	Soft Limiter	Soft Limiter		Soft Limiter
Controls:	Linear, Boost, Stage, Volume	Linear, Boost, Stage, Volume	Linear, Boost, Stage, Volume		Linear, Boost, Stage, Volume
Power section					
Total Power:	2100 W Peak	2100 W Peak	2100 W Peak		2100 W Peak
High frequencies:	700 W Peak	700 W Peak	700 W Peak		700 W Peak
Low frequencies:	1400 W Peak	1400 W Peak	1400 W Peak		1500 W Peak
Cooling:	Convection	Convection	Convection		Convection
Connections:	Powercon TRUE1 TOP IN/OUT	VDE	VDE		VDE
RCF Technology					
FIRPHASE:	FIRPHASE BASS MOTION CONTROL	FIRPHASE BASS MOTION CONTROL	FIRPHASE BASS MOTION CONTROL		FIRPHASE BASS MOTION CONTROL
Standard compliance					
CE marking:	Yes	Yes	Yes		Yes
Physical specifications					
Cabinet/Case Material:	PP Composite	PP Composite	PP Composite		PP Composite
Hardware:	1 x M10 Top, 1 x M10 each side	1 x M10 Top, 1 x M10 each side	1 x M10 Top, 1 x M10 each side		1 x M10 Top, 1 x M10 each side
Handles:	1 Top, 1 each side	1 Top, 1 each side	1 Top, 1 each side		1 Top, 1 each side
Pole mount/Cap:	Yes	Yes	Yes		Yes
Grille:	Steel	Steel	Steel		Steel
Color:	Black	Black	Black		Black
Size					
Height:	717 mm / 28.23"	717 mm / 28.23"	717 mm / 28.23"		642 mm / 25.28"
Width:	415 mm / 16.34"	415 mm / 16.34"	415 mm / 16.34"		370 mm / 14.57"
Depth:	410 mm / 16.14"	410 mm / 16.14"	410 mm / 16.14"		363 mm / 14.29"
Weight:	22.4 kg / 49.38 lbs	24.2 kg / 53.35 lbs	22 kg / 48.5 lbs		18.8 kg / 41.45 lbs
Part Number					
220-240 V	13000691	13000682	13000656	13000710	13000680
100-120 V	13000692	13000683	13000679	13000711	13000681

FLOOR & SUSPENDED CONFIGURATIONS



Pole mount
on subwoofer



Pole mount
on floor stand



Stage
Monitor



Horizontal wall/hanged
mount



Vertical wall/hanged
mount



Hanged
mount



ACCESSORIES

PM-KIT M20 | 13360067

Adjustable pole for subwoofer.

AC PMX | 13360232

Speaker pole mount with pushbutton system and hand crank to avoid uncontrolled reverse motion. Locking screw provides additional safety.

AC PRO-FS | 13360109

Steel speaker floor stand with folding base and telescopic rod. Tube diameter 35mm. Load capacity up to 50kg.

AC PRO-PM | 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.

CVR ART 915 | 13360478

Protection cover for ART 945-A, ART 935-A and ART 915-A

FL-BR ART 915 | 13360481

Flying bracket for ART 945-A, ART 935-A and ART 915-A

H-BR ART 915 | 13360479

Horizontal bracket for mounting an ART 945-A, ART 935-A and ART 915-A on the wall.

V-BR ART 915 | 13360480

Vertical bracket for mounting an ART 945-A, ART 935-A and ART 915-A on the wall.

CVR ART 912 | 13360474

Protection cover for ART 932-A and ART 912-A

FL-BR ART 912 | 13360477

Flying bracket for ART 932-A and ART 912-A

H-BR ART 912 | 13360475

Horizontal bracket for mounting an ART 932-A and ART 912-A on the wall.

V-BR ART 912 | 13360476

Vertical bracket for mounting an ART 932-A and ART 912-A on the wall.

CVR ART 910 | 13360473

Protection cover for ART 910-A

FL-BR ART 910 | 13360472

Flying bracket for ART 910-A

H-BR ART 910 | 13360471

Horizontal bracket for mounting an ART 910-A on the wall.

RP 001 | 13360515

2 x Rain Cover for ART 945-A

ART 912-A	ART 912-AX	ART 910-A	ART 910-AX
50 Hz ÷ 20 kHz		50 Hz ÷ 20 kHz	
130 dB		130 dB	
100°		100°	
60°		60°	
1", 1.75" v.c.		1", 1.75" v.c.	
12", 2.5" v.c.		10", 2.5" v.c.	
bal/unbal		bal/unbal	
XLR, Jack		XLR, Jack	
XLR		XLR	
-2 dBu/+4 dBu		-2 dBu/+4 dBu	
1800 Hz		1800 Hz	
Thermal, RMS		Thermal, RMS	
Soft Limiter		Soft Limiter	
Linear, Boost, Stage, Volume		Linear, Boost, Stage, Volume	
2100 W Peak		2100 W Peak	
700 W Peak		700 W Peak	
1400 W Peak		1400 W Peak	
Convection		Convection	
VDE		VDE	
FWRPHASE		FWRPHASE	
BASS MOTION CONTROL		BASS MOTION CONTROL	
Yes		Yes	
PP Composite		PP Composite	
1 x M10 Top, 1 x M10 each side		1 x M10 Top and Bottom	
1 Top, 1 each side		1 Top	
Yes		Yes	
Steel		Steel	
Black		Black	
642 mm / 25.28"		572 mm / 22.52"	
370 mm / 14.57"		330 mm / 12.99"	
363 mm / 14.29"		310 mm / 12.2"	
19 kg / 41.89 lbs		15.8 kg / 34.83 lbs	
13000655	13000708	13000654	13000706
13000678	13000709	13000677	13000707

ART 7 SERIES

The ART Series is the beating heart of RCF. These multiple purpose active speakers represent the finest examples of audio design in a rugged composite cabinet. The ART concept offers the best audio choice for a multitude of live sound applications in a portable device.

POWERFUL CLASS D AMPLIFIERS

RCF's Class-D power amplifier technology packs huge performance operating with high efficiency into a lightweight solution. ART 7 amplifiers deliver ultra-fast attack, realistic transient response and impressive audio performance. The amplifier features a solid mechanical aluminium structure which not only stabilises the amplifier during transportation but also helps the fan-less heat dissipation. All the ART 7 amplifiers present SMPS power supply section in order to produce maximum output and minimum transportation weight

SUPERIOR COMPRESSION DRIVERS

The ND940 large format Compression Driver with 4" voice coil is the key feature of the ART 745-A MK4. The extremely low crossover point of 650Hz is a must for a perfect reproduction of the vocal range. The ND840 Compression Driver inside the ART 735-A MK4 and the ART 732-A MK4 with a 3" voice coil allows a crossover point at only 800 Hz. This allows a better impulse response, fast decay and superior efficiency. Lightweight and powerful, our neodymium drivers are a reference in performance and reliability.



The 4.0" voice coil allows a crossover point of 650 Hz

ACTIVE TWO-WAY SPEAKERS

- Up to 133 dB Sound Pressure Level
- 1400 W 2ch Class D amplifier (800 W for 708-A)
- 3" or 4" titanium drivers on 732-A, 735-A and 745-A
- 90° x 60° Wide dispersion constant directivity horn
- Up to 1600 Hz Crossover Frequency
- FiRPHASE zero degrees phase technology
- Innovative DSP Processing
- Rubber handles for maximum comfort and portability



*the art
of sound*



BRING ART WITH YOU

The sturdy, ergonomic cabinet is easy to carry, thanks to either the handle at the top or the practical handles on both sides. The base of each speaker includes a steel pole socket for mounting on a stand or on a subwoofer pole. Stability and safety are assured. The rear of the cabinet is shaped to also be used as a floor monitor. Internal reinforcement prevents any deformation of the cabinet.



reddot design award

The RCF ART 7 Series has earned the prestigious international Red Dot Design Award in the Product Design category. Receiving the renowned Red Dot acts as proof of the excellent design achievements of professionals and up-and-coming talent alike, thus symbolising a seal of quality.



FLAT/BOOST SWITCH

"Boost" equalization is a loudness recommended for background music applications, when the system plays at a low level. For all other applications "Flat" equalisation is recommended.



90° x 60°

Wide dispersion
constant directivity
horn

RUBBER
HANDLES

ART 7 SERIES

YOUR STAGE PARTNER

Every ART model can be used in the standard or stage monitor configuration. ART 7 speakers are ideal for the musician or sound provider. Cabinets are moulded on a special polypropylene composite material designed to dampen down vibrations even at maximum volume settings. From moulding to the final texture, ART 7 offers maximum reliability and strength for intensive use.



FEATURES

	ART 745-A MK4	ART 735-A MK4	ART 715-A MK4	ART 732-A MK4
Acoustical specifications				
Frequency Response:	45 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz	50 Hz ÷ 20 kHz
Max SPL @ 1m:	133 dB	132 dB	130 dB	131 dB
Horizontal coverage angle	90°	90°	90°	90°
Vertical coverage angle:	60°	60°	60°	60°
Transducers				
Compression Driver:	1.4" neo, 4" v.c.	1.4" neo, 3" v.c.	1", 1.75" v.c.	1.4" neo, 3" v.c.
Woofers:	15" neo, 3.5" v.c.	15", 3.0" v.c.	15", 2.5" v.c.	12", 2.5" v.c.
Input/Output section				
Input signal:	bal/unbal	bal/unbal	bal/unbal	bal/unbal
Input connectors:	XLR, Jack	XLR, Jack	XLR, Jack	XLR, Jack
Output connectors:	XLR	XLR	XLR	XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section				
Crossover Frequencies:	650 Hz	800 Hz	1600 Hz	700 Hz
Protections:	Thermal, RMS	Thermal, RMS	Thermal, RMS	Thermal, RMS
Limiter:	Soft Limiter	Soft Limiter	Soft Limiter	Soft Limiter
Controls:	Volume, Boost, Mic/Line	Volume, Boost, Mic/Line	Volume, Boost, Mic/Line	Volume, Boost, Mic/Line
Power section				
Total Power:	1400 W Peak	1400 W Peak	1400 W Peak	1400 W Peak
High frequencies:	400 W Peak	400 W Peak	400 W Peak	400 W Peak
Low frequencies:	1000 W Peak	1000 W Peak	1000 W Peak	1000 W Peak
Cooling:	Convection	Convection	Convection	Convection
Connections:	VDE	VDE	VDE	VDE
RCF Technology				
	FWRPHASE	FWRPHASE	FWRPHASE	FWRPHASE
Standard compliance				
CE marking:	Yes	Yes	Yes	Yes
Physical specifications				
Cabinet/Case Material:	PP Composite	PP Composite	PP Composite	PP Composite
Hardware:	2 x M10	2 x M10	2 x M10	2 x M10
Handles:	1 Top, 2 Side	1 Top, 2 Side	1 Top, 2 Side	1 Top, 2 Side
Pole mount/Cap:	Yes	Yes	Yes	Yes
Grille:	Steel	Steel	Steel	Steel
Color:	Black	Black	Black	Black
Size				
Height:	708 mm / 27.87"	708 mm / 27.87"	708 mm / 27.87"	637 mm / 25.08"
Width:	437 mm / 17.2"	437 mm / 17.2"	437 mm / 17.2"	384 mm / 15.12"
Depth:	389 mm / 15.31"	389 mm / 15.31"	389 mm / 15.31"	363 mm / 14.29"
Weight:	18.8 kg / 41.45 lbs	21.4 kg / 47.18 lbs	19.6 kg / 43.21 lbs	17.8 kg / 39.24 lbs
PART NUMBER				
220-240 V	13000530	13000528	13000524	13000526
100-120 V	13000531	13000529	13000525	13000527

FLOOR & SUSPENDED CONFIGURATIONS



Pole mount
on subwoofer



Pole mount
on floor stand



Stage
Monitor



Horizontal wall/hanged
mount



Hanged
mount



ACCESSORIES

ART 712-A MK4	ART 710-A MK4	ART 708-A MK4
50 Hz ÷ 20 kHz	50 Hz ÷ 20 kHz	60 Hz ÷ 20 kHz
129 dB	129 dB	127 dB
90°	90°	90°
60°	70°	70°
1", 1.75" v.c.	1", 1.75" v.c.	1", 1" v.c.
12", 2.5" v.c.	10", 2.5" v.c.	8", 2" v.c.
bal/unbal	bal/unbal	bal/unbal
XLR, Jack	XLR, Jack	XLR, Jack
XLR	XLR	XLR
-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
1600 Hz	1600 Hz	1600 Hz
Thermal, RMS	Thermal, RMS	Thermal, RMS
Soft Limiter	Soft Limiter	Soft Limiter
Volume, Boost, Mic/Line	Volume, Boost, Mic/Line	Volume, Boost, Mic/Line
1400 W Peak	1400 W Peak	800 W Peak
400 W Peak	400 W Peak	200 W Peak
1000 W Peak	1000 W Peak	600 W Peak
Convection	Convection	Convection
VDE	VDE	VDE
FIRPHASE	FIRPHASE	FIRPHASE
Yes	Yes	Yes
PP Composite	PP Composite	PP Composite
2 x M10	2 x M10	2 x M10
1 Top, 2 Side	1 Top	1 Top
Yes	Yes	Yes
Steel	Steel	Steel
Black	Black	Black
637 mm / 25.08"	548 mm / 21.57"	480 mm / 18.9"
384 mm / 15.12"	340 mm / 13.39"	291 mm / 11.46"
363 mm / 14.29"	305 mm / 12.01"	276 mm / 10.87"
17.8 kg / 39.24 lbs	14.2 kg / 31.31 lbs	10.4 kg / 22.93 lbs
13000522	13000520	13000518
13000523	13000521	13000519

PM-KIT M20	13360067
Adjustable pole for subwoofer.	
AC PMX	13360232
Speaker pole mount with pushbutton system and hand crank to avoid uncontrolled reverse motion. Locking screw provides additional safety.	
AC PRO-FS	13360109
Steel speaker floor stand with folding base and telescopic rod. Tube diameter 35mm. Load capacity up to 50kg.	
AC PRO-PM	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.	
AC XLR 3M3F	13360102
3 XLR Female connector 3 pole with nickel body and silver contacts. 3 XLR Male connector 3 pole with nickel body and silver contacts.	
AC PRO-LF	13360111
Professional adapter sleeve for loudspeaker floor stand. Rod: steel, powder coated (colour: black). Ring lock: aluminium. Mandrel elements: polyamide (PA). Screw: steel, galvanised. Tube diameter 35mm. Load capacity up to 50kg.	
CVR ART 725	13360115
Protection cover for ART 745-A, ART 735-A and ART 715-A	
H-BR 2X ART 715	13360105
Horizontal bracket for mounting an ART 745-A, ART 735-A and ART 715-A on the wall.	
CVR ART 722	13360114
Protection cover for ART 732-A and ART 712-A	
H-BR 2X ART 712	13360104
Horizontal bracket for mounting an ART 732-A and ART 712-A on the wall.	
CVR ART 710	13360113
Protection cover for ART 710-A	
H-BR 2X ART 710	13360103
Horizontal bracket for mounting an ART 710-A on the wall.	
CVR ART 708	13360166
Protection cover for ART 708-A	
H-BR 2X ART 708	13360164
Horizontal bracket for wall mounting ART 708-A.	

D LINE

The new D Line speakers features brand new transducers, improving sound quality with proprietary FIRPHASE processing. The vocals are natural, the sound is clear over long distances, and the SPL power is stable at very high levels. Inspired by the touring industry, D LINE provides an elegant and compact cabinet with the maximum reliability and strength for the intensive use on the road.

POWERFUL CLASS D AMPLIFIERS

RCF's Class-D power amplifier technology packs huge performance operating with high efficiency in a lightweight solution. D-Line amplifiers deliver ultra-fast attack, realistic transient response and impressive audio performance. The amplifier features a solid mechanical

aluminium structure which not only stabilizes the amplifier during transportation but also helps with heat dissipation. All D LINE amplifiers present SMPS power supply section in order to produce maximum output and minimum transportation weight.

SUPERIOR COMPRESSION DRIVERS

The ND840 Compression Driver in pure Titanium with a 3" voice coil allows a crossover point at only 800 Hz. This allows a better impulse response, fast decay and superior efficiency. Lightweight and powerful, RCF neodymium drivers are a reference in performance and reliability.



ACTIVE TWO-WAY SPEAKERS

- Up to 133 dB Sound Pressure Level
- 1400 W 2ch Class D amplifier (800 W for HD 10-A MK5)
- 90° x 60° Wide dispersion constant directivity horn
- Up to 2000 Hz Crossover Frequency
- FIRPHASE zero degrees phase technology
- Bass Motion Control woofer excursion management
- Silent Fan-less Class-D Amplifier
- Mylar/Ferrite driver - Kapton former coil



*a celebration
of sound*



HIGH DEMAND APPLICATIONS

The multi-purpose cabinet shape will allow every D-LINE model to be used in various configurations. Two M10 and three M6 threaded inserts are available for optional mounting hardware for flying situations. When used on top of a SUB Series the HD becomes an incredibly powerful PA system. The RCF ART 7 Series has earned the prestigious international Red Dot Design Award in the Product Design category. Receiving the renowned Red Dot acts as proof of the excellent design achievements of professionals and up-and-coming talent alike, thus symbolising a seal of quality.

RENTAL PROOF

D-LINE cabinets are molded with a special polypropylene composite material designed to dampen vibrations even at maximum volume settings. From molding to the final texture, D-LINE offers maximum reliability and strength for intensive use on the road. The speaker is equipped with a top handle and two side handles with rubber handgrips for greater portability.

IN/OUT CONNECTORS

The amplifier presents both XLR In/Out connectors and a Jack input for maximum connection versatility.



ACCURATE DESIGN

Sound transparency, high output power, reliability, robustness, and portability, define the entire series. We have improved all D-LINE components for highly specified, rugged speakers which carry the legacy of proven products, such as the ART and flagship TT+ Series'. Quality sound with advanced features offer reliability and strength for use on the road.



FEATURES

	HD 35-A	HD 15-A	HD 12-A MK5
Acoustical specifications			
Frequency Response:	45 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz
Max SPL @ 1m:	132 dB	130 dB	130 dB
Horizontal coverage angle	90°	90°	90°
Vertical coverage angle:	60°	60°	60°
Transducers			
Compression Driver:	1.4", 3" v.c.	1.0", 1.75" v.c.	1 x 1.0", 1.4" v.c.
Woofer:	15", 3" v.c.	15", 2.5" v.c.	12", 2.5" v.c.
Input/Output section			
Input signal:	bal/unbal	bal/unbal	bal/unbal
Input connectors:	XLR, Jack	XLR, Jack	XLR, Jack
Output connectors:	XLR	XLR	XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section			
Crossover Frequencies:	800 Hz	1800 Hz	1800 Hz
Protections:	Thermal, RMS	Thermal, RMS	Thermal, RMS
Limiter:	Soft Limiter	Soft Limiter	Soft Limiter
Controls:	Volume, Boost, Mic/Line	Volume, Boost, Mic/Line	Volume, Boost, Mic/Line
Power section			
Total Power:	1400 W Peak	1400 W Peak	1400 W Peak
High frequencies:	400 W Peak	400 W Peak	400 W Peak
Low frequencies:	1000 W Peak	1000 W Peak	1000 W Peak
Cooling:	Convection	Convection	Convection
Connections:	Powercon IN/OUT	VDE	VDE
RCF Technology			
	FWRPHASE	FWRPHASE	FWRPHASE
	-	-	BASS MOTION CONTROL
Standard compliance			
CE marking:	Yes	Yes	Yes
Physical specifications			
Cabinet/Case Material:	PP Composite	PP Composite	PP Composite
Hardware:	1 x M10 top and bottom, 2 x M10 side	1 x M10 top and bottom, 2 x M10 side	1 x M10 top and bottom, 3 x M6 bottom
Handles:	1 Top, 2 Side	1 Top, 2 Side	1 Top, 2 Side
Pole mount/Cap:	Yes	Yes	Yes
Grille:	Steel	Steel	Steel
Color:	Black	Black	Black
Size			
Height:	714 mm / 28.11"	714 mm / 28.11"	647 mm / 25.47"
Width:	442 mm / 17.4"	442 mm / 17.4"	380 mm / 14.96"
Depth:	397 mm / 15.63"	397 mm / 15.63"	380 mm / 14.96"
Weight:	22 kg / 48.5 lbs	22 kg / 48.5 lbs	18.3 kg / 40.34 lbs
PART NUMBER			
220-240 V	13000591	13000589	13000669
100-120 V	13000592	13000590	13000684



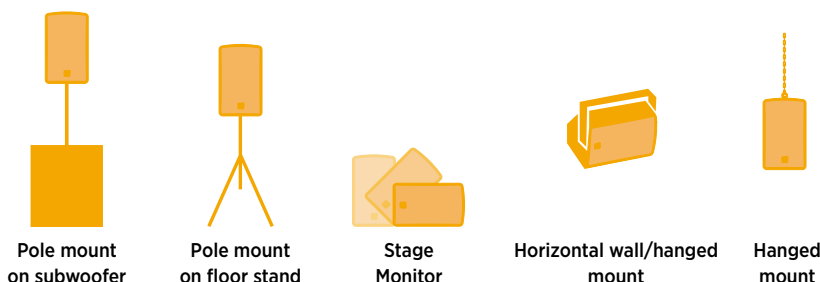
HD 10-A MK5

50 Hz ÷ 20 kHz
128 dB
90°
60°
1 x 1.0", 1.0" v.c.
10", 2.0" v.c.
bal/unbal
XLR, Jack
XLR
-2 dBu/+4 dBu
2000 Hz
Thermal, RMS
Soft Limiter
Boost, Volume, Mic/Line
800 W Peak
200 W Peak
600 W Peak
Convection
VDE
FWRPHASE
BASS MOTION CONTROL
Yes
PP Composite
1 x M10 top and bottom
1 Top, 1 Side
Yes
Steel
Black
527 mm / 20.75"
303 mm / 11.93"
303 mm / 11.93"
11.8 kg / 26.01 lbs

13000659
13000676

ACCESSORIES

PM-KIT M20	13360067
Adjustable pole for subwoofer.	
AC PMX	13360232
Speaker pole mount with pushbutton system and hand crank to avoid uncontrolled reverse motion. Locking screw provides additional safety.	
AC PRO-FS	13360109
Steel speaker floor stand with folding base and telescopic rod. Tube diameter 35mm. Load capacity up to 50kg.	
AC PRO-PM	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.	
AC EB 4X	13360031
kit including 4 pcs M10 eye bolts	
CVR HD 15	13360438
CVR HD 15 Padded Cover for 15" HD Two-Way Active Speaker. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners	
CVR HD 12-32	13360209
Protection cover for HD 32-A MK4 and HD 12-A MK5. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	
H-BR 2X HD 12-32	13360216
Pair of horizontal bracket for mounting HD 32-A MK4 and HD 12-A MK5 speakers on the wall.	
CVR HD 10	13360208
Protection cover for ART 10-A MK5. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	
H-BR 2X HD 10	13360215
Pair of horizontal bracket for mounting HD 10-A MK5 speakers on the wall.	



NX 9 SERIES

With 2100 W power, the 2-channel NX 9 Class-D amplifier is 50% more powerful than previous models, able to manage extreme sound pressure levels with an ultra-fast attack, realistic transient response, and very low heat loss.

A NEW STANDARD IN PORTABLE SOUND

The NX 9 series is masterfully engineered to deliver stellar audio performances for solo musicians, bands, and DJs. The new bi-amplified 2100W electroacoustic design provides impressive sound pressure levels, also when used in open-air applications and at long distances, with unbeatable sound quality. The combination of purpose-designed

transducers, advanced DSP processing, and a constant directivity waveguide produces coherent coverage to the listening area with distortion-free sound and RCF reliability. Durably built in a rugged all-wood cabinet, NX 9 is tour-ready, and delivers remarkable audio performance and versatility to any professional audio application.

TOUR-PROVEN WORKHORSE

NX 9 can operate as either the main system or as a floor monitor. This flexibility makes it a smart choice for a wide range of live sound applications. The rugged all-wood cabinet is easy to carry, thanks to handles on both sides (one on top for NX 910-A). The lower side includes a steel pole socket for mounting on a stand or a subwoofer

pole. Each model can also be flown, wall- or truss-mounted using the six included M10 rigging points and special accessories. From the wood cabinet to the final texture and the rugged protective grille, NX 9 offers maximum strength for intensive use on the road and can be used for fixed installation.

PROFESSIONAL ACTIVE SPEAKERS

- Up to 138 dB Sound Pressure Level
- 2100W Class-D Bi-Amplification
- Up to 50 ÷ 20000 Hz linear frequency response
- Wide 100° x 60° Constant Directivity
- 1600 Hz Crossover Frequency
- 1.75" Compression Driver
- FiRPHASE zero degrees phase technology
- Bass Motion Control woofer excursion management



*the next generation
of sound*

SUPERIOR TRANSDUCERS

Lightweight and powerful, RCF drivers are a reference in high performance. All transducers are designed by RCF engineers in Italy for maximum reliability and perfectly matched components. The new 1.75" voice coil design with Polyimide-Kapton dome features a new bonding technology and reinforcement ribs making it 10 times more

rigid than previous models, for increased accuracy and durability. The redesigned phase plug increases sound clarity with less distortion. Low-frequency transducer design gains more stability over higher currents, with less distortion and better heat handling.

The midrange section (only NX 985-A) adds detail and vocal clarity with a high-power 8" cone midrange on a constant directivity waveguide.



NX 9 SERIES

The NX 9 series is masterfully engineered to deliver stellar audio performances for solo musicians, bands, and DJs.

FEATURES



	NX 985	NX 915-A	NX 912-A	NX 910-A
Acoustical specifications				
Frequency Response:	40 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz	50 Hz ÷ 20 kHz	50 Hz ÷ 20 kHz
Max SPL @ 1m:	138 dB	131 dB	130 dB	130 dB
Horizontal coverage angle:	100°	100°	100°	100°
Vertical coverage angle:	60°	60°	60°	70°
Transducers				
Compression Driver:	1" neo, 1.75" v.c.	1", 1.75" v.c.	1", 1.75" v.c.	1", 1.75" v.c.
Midrange:	8" neo, 2.5" v.c.	-	-	-
Woofers:	15", 3" v.c.	15", 2.5" v.c.	12", 2.5" v.c.	10", 2.5" v.c.
Input/Output section				
Input signal:	bal/unbal	bal/unbal	bal/unbal	bal/unbal
Input connectors:	Combo XLR/Jack	XLR, Jack	XLR, Jack	XLR, Jack
Output connectors:	XLR	XLR	XLR	XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section				
Crossover Frequencies:	Bass/Mid:320Hz, Mid/High:1200Hz	1600 Hz	1600 Hz	1600 Hz
Protections:	Thermal, Excurs., RMS	Thermal, RMS	Thermal, RMS	Thermal, RMS
Limiter:	Soft Limiter	Soft Limiter	Soft Limiter	Soft Limiter
Controls:	Linear, 2 Speakers, High Pass, Volume	Linear, Boost, Stage, Volume	Linear, Boost, Stage, Volume	Linear, Boost, Stage, Volume
Power section				
Total Power:	2100 W Peak	2100 W Peak	2100 W Peak	2100 W Peak
High frequencies:	200 W Peak	700 W Peak	700 W Peak	700 W Peak
Mid frequencies:	500 W Peak	-	-	-
Low frequencies:	1400 W Peak	1400 W Peak	1400 W Peak	1400 W Peak
Cooling:	Convection	Convection	Convection	Convection
Connections:	Powercon TRUE1 TOP IN/OUT	VDE	VDE	VDE
RCF Technology				
	FIRPHASE	FIRPHASE	FIRPHASE	FIRPHASE
	BASS MOTION CONTROL	BASS MOTION CONTROL	BASS MOTION CONTROL	BASS MOTION CONTROL
Standard compliance				
CE marking:	Yes	Yes	Yes	Yes
Physical specifications				
Cabinet/Case Material:	Plywood	Plywood	Plywood	Plywood
Hardware:	2XM10 Top, 1XM10 each side, 1XM10 bottom, 1XM10 rear	2XM10 Top, 1XM10 each side, 1XM10 bottom, 1XM10 rear	2XM10 Top, 1XM10 each side, 1XM10 bottom, 1XM10 rear	2XM10 Top, 1XM10 each side, 1XM10 bottom, 1XM10 rear
Handles:	1 x Side	1 x Each Side	1 x Side	1 Top
Pole mount/Cap:	-	Yes	Yes	Yes
Grille:	Steel	Steel	Steel	Steel
Color:	Black	Black	Black	Black
Size				
Height:	1075 mm / 42.32"	705 mm / 27.76"	620 mm / 24.41"	510 mm / 20.08"
Width:	461 mm / 18.15"	420 mm / 16.54"	362 mm / 14.25"	295 mm / 11.61"
Depth:	475 mm / 18.7"	451 mm / 17.76"	405 mm / 15.94"	333 mm / 13.11"
Weight:	38.9 kg / 85.76 lbs	24.1 kg / 53.13 lbs	20.8 kg / 45.86 lbs	16.4 kg / 36.16 lbs
PART NUMBER				
220-240 V	13000743	13000674	13000673	13000668
100-120 V	13000757	13000690	13000689	13000688



ACCESSORIES

NX 915-SMA	NX 912-SMA
45 Hz ÷ 20000 Hz	50 Hz ÷ 20000 Hz
131 dB	130 dB
100°	100°
70°	70°
1", 1.75" v.c	1", 1.75" v.c
-	-
15", 2.5" v.c	12", 2.5" v.c
bal/unbal	bal/unbal
Combo XLR/Jack	Combo XLR/Jack
XLR	XLR
-2 dBu/+4 dBu	-2 dBu/+4 dBu
1600 Hz	1600 Hz
Thermal, RMS	Thermal, RMS
Soft Limiter	Soft Limiter
-	-
2100 W Peak	2100 W Peak
700 W Peak	700 W Peak
-	-
1400 W Peak	1400 W Peak
Convection	Convection
Powercon TRUE1 TOP IN/OUT	Powercon TRUE1 TOP IN/OUT
FWRPHASE	FWRPHASE
BASS MOTION CONTROL	BASS MOTION CONTROL
Yes	Yes
Plywood	Plywood
-	-
1 on side and 1 on top	1 on side and 1 on top
Yes	Yes
Steel	Steel
Black	Black
357.3 mm / 14.07"	320 mm / 12.6"
705 mm / 27.76"	620 mm / 24.41"
456.6 mm / 17.98"	394 mm / 15.51"
17.3 kg / 38.14 lbs	20 kg / 44.09 lbs
13000785	13000783
13000786	13000784

PM-KIT M20	13360067
Adjustable pole for subwoofer.	
AC PMX	13360232
Speaker pole mount with pushbutton system and hand crank to avoid uncontrolled reverse motion. Locking screw provides additional safety.	
AC PRO-FS	13360109
Steel speaker floor stand with folding base and telescopic rod. Tube diameter 35mm. Load capacity up to 50kg.	
AC PRO-PM	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.	
AC PRO-LF	13360111
Professional adapter sleeve for loudspeaker floor stand. Rod: steel, powder coated (colour: black). Ring lock: aluminium. Mandrel elements: polyamide (PA). Screw: steel, galvanised. Tube diameter 35mm. Load capacity up to 50kg.	
2X PLATE H-BR NX 910-912-915	13360506
This accessory is required when using the following horizontal wall mounting brackets with NX series speakers: - H-BR 2X COMPACT M 10 with NX 910-A speakers; - H-BR 2X COMPACT M 12 with NX 912-A speakers; - H-BR 2X COMPACT C 45 with NX 915-A speakers.	
CVR NX 915	13360497
Padded Cover for NX 915-A.	
CVR NX 912	13360496
Padded Cover for NX 912-A.	
CVR NX 910	13360495
Padded Cover for NX 910-A.	
RP 001	13360515
2 x Rain Cover for NX 985-A, NX 915-SMA and NX 912-SMA.	

Each model can also be flown, wall- or truss-mounted using the six included M10 rigging points and special accessories.



Pole mount on subwoofer



Hanged mount



Pole mount on floor stand



Single configuration on a subwoofer



Coupled configuration on a subwoofer

EVOX SYSTEMS

EVOX systems are designed for live sound. Extensive testing with instruments and voices during the design process, as well as power and reliability testing, make the EVOX systems the perfect workmates for solo musicians, bands and DJs.

POWERFUL CLASS D AMPLIFIERS

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

SUPERB BASS PERFORMANCE

The low frequency section, taking advantage of the floor placement and the accurate port design, offers a tight and full bass response everywhere in the room.

EVOX J8

The RCF J8 features a line source satellite module with eight 2" full-range drivers paired with a high-powered 12" woofer in a bass reflex enclosure. All powered by on-board 1400 W Class D amplification. The EVOX J Series maintains a similar footprint to the original EVOX systems, now in a portable composite enclosure. The system offers stunning sound performance with crystal-clear vocal reproduction and unparalleled musical response.

ACTIVE TWO-WAY ARRAY

- 128 dB Sound Pressure Level
- 1400 W Class D Amplifier
- 12" woofer, high power 2.5" voice coil
- 8 x 2" ultra compact fullrange 1.0" voice coil
- 220 Hz Crossover Frequency
- FIRPHASE zero degrees phase technology
- Innovative DSP Processing
- Pole mountable, easy set-up and transportation



*bring the party
with you*



EVOX JMIX8

The extremely powerful EVOX portable PA systems from RCF altered the landscape of portable PA. RCF takes it one step further with the new EVOX J Series, maintaining a similar footprint to the original EVOX systems, now in a composite enclosure. The EVOX JMIX8 also introduces an 8-input digital mixer to the system. A dedicated app for iOS and Android allows the JMIX8 to be managed from any smartphone. The system offers exemplary sound performance with crystal clear vocal reproduction and unparalleled musical response. This makes the RCF EVOX J Series the smart choice for live entertainment, DJs, parties, club music and corporate events.



EVOX JMIX8
onboard
digital mixer

EVOX APP

The RCF EVOX App ensures comprehensive control of J Series mixers: all the processing you need, on your smartphone, via Bluetooth. The app allows you to navigate between pages and fully control the mixer's parameters even while playing. It is available for iOS and Android operating systems.

All the features of J8 plus:

- 8-Channel Digital Mixer with multiple FX
- Bluetooth Audio
- Hi-Z Input for Musical Instruments
- **Z.CORE DSP FX** Innovative processing
- Remote Control via RCF Evox App
- Auxiliary Output



EVOX SYSTEMS

READY TO PLAY IN A FEW SIMPLE STEPS

PORTABILITY With 3 simple steps, the EVOX system is all set and ready to play! EVOX system is designed to be easily transported and quickly set up. All the components – top column, sub, pole and cables – come in one package and fit in the optional transportation covers.

EVOX 12

EVOX 12 is the most powerful line-source in its class and offers a particularly profound and dynamic reproduction at high levels due to the built-in 1400W power amplifier. The top section has eight high performance neodymium 4" full-range transducers with a phase plug. As a result, the EVOX 12 has a significantly increased low-mid playback at a constant level with a wide dispersion for the highs. The 15" subwoofer delivers powerful bass sound to reinforce a big party or the kick drum of a live band. Despite high performance, the enclosure is very compact, and thanks to integrated wheels and extendable handle very easy to transport.

SUPERIOR TRANSDUCERS

HIGH FREQUENCIES - The ultra-compact full-range 4" drivers are capable of handling extremely high SPL and power. The top column features 8 drivers.

LOW FREQUENCIES The high excursion 15" RCF woofer extends to the lowest frequencies offering quick and precise punch. The bass-reflex port design avoids air turbulence reducing distortions. The EVOX 12 array design features constant horizontal directivity coverage of 90° x 30°, offering a perfect listening experience to the audience. The vertical array design is progressively shaped to guarantee a correct listening from the first row and to avoid a high frequency beaming typical of straight array.

ACTIVE TWO-WAY ARRAY

- 130 dB Sound Pressure Level
- 1400 W Class D Amplifier
- 15" Woofer
- 8 x 4" neodymium full-range woofer
- 90° x 30° slightly tilted pattern control
- FiRPHASE zero degrees phase technology
- Innovative DSP Processing
- Pole mountable, easy set-up and transportation





FEATURES

	EVOX 12	EVOX J8 - JMIX8
Acoustical specifications		
Frequency Response:	40 Hz ÷ 20000 Hz	40 Hz ÷ 20000 Hz
Max SPL @ 1m:	130 dB	128 dB
Horizontal coverage angle:	90°	120°
Vertical coverage angle:	30°	30°
Transducers		
Compression Driver:	8 x 4.0", 1.0" v.c.	8 x 2.0", 1.0" v.c.
Woofer:	15", 3.0" v.c.	12", 2.5" v.c.
Input/Output section		
Input signal:	bal/unbal	bal/unbal
Input connectors:	XLR, Jack	XLR, Jack
Output connectors:	XLR	XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section		
Crossover Frequencies:	180 Hz	220 Hz
Protections:	Thermal, RMS	Thermal, RMS
Limiter:	Soft Limiter	Soft Limiter
Controls:	Volume, EQ	Volume, Boost, Mic/Line
Power section		
Total Power:	1400 W Peak	1400 W Peak
High frequencies:	400 W Peak	400 W Peak
Low frequencies:	1000 W Peak	1000 W Peak
Cooling:	Convection	Convection
Connections:	VDE	VDE
RCF Technology	FWRPHASE	FWRPHASE
Standard compliance		
CE marking:	Yes	Yes
Physical specifications		
Cabinet/Case Material:	Baltic birch plywood	PP Composite
Handles:	1 Top	1 Top
Color:	Black	Black, White
Size		(only EVOX J8)
Height:	2200 mm / 86.61"	2285 mm / 89.96"
Width:	410 mm / 16.14"	400 mm / 15.75"
Depth:	560 mm / 22.05"	460 mm / 18.11"
Weight:	36.4 kg / 80.25 lbs	20.2 kg / 44.53 lbs
PART NUMBER		
220-240 V Black	13000481	13000554
220-240 V White	-	13000567
100-120 V Black	13000482	13000555
100-120 V White	-	13000568

	EVOX JMIX8
Electronic specifications	
Frequency Response:	20 Hz ÷ 20 Hz
Processing	
A/D-D/A Conversion:	24 Bit @ 48.0 kHz
Dynamic Range:	108
Processing Channels:	8
Signal Processing:	32 Bit Floating Point
Inputs/Outputs section	
HI-Z Line Inputs:	1
HI-Z Line Inputs Impedance:	1 Mohm
Mono Line:	4
Mic:	4
Phantom Power +48V:	Yes
Stereo Line:	2
AUX Output:	1
AUX Send:	1
AUX OUT Level (DBU):	19 dBu
MAIN OUT Level (DBU):	19 dBu
Compressors	
RCF Compressors:	4 mono (6 preset)
EQ	
Description:	3 Band EQ: High and Low band shelving, Mid Band with sweepable frequency Graphic 7 Band EQ on Main Mix and AUX send
Input Channels EQ:	1 Semi Parametric / 2 Shelving
Other features	
AUX:	1 PRE/POST
FX POST:	1
Multifx Insert Effects:	1
Send Effects:	1
Main Out Processors:	1
USB audio: PLAY TRK	2
Footswitch:	Yes
Size (as EVOX J8)	
Weight:	22.2 kg / 48.94 lbs
PART NUMBER	
220-240 V Black	13000556
220-240 V White	13000569
100-120 V Black	13000557
100-120 V White	13000570

ACCESSORIES

CVR EVOX 12	13360324
Protection cover for EVOX 12 Subwoofer + speaker.	

CVR EVOX J	13360407
Protection cover for EVOX J8 and EVOX JMIX8.	

CVR-WH EVOX J	13360406
Protection cover for EVOX J8 and EVOX JMIX8 with wheels diameter 4 cm.	

KRT-WH EVOX	13360306
Kart for EVOX J protection covers.	

AC XLR 3M3F	13360102
3 XLR Female connector 3 pole with nickel body and silver contacts. 3 XLR Male connector 3 pole with nickel body and silver contacts.	

ST SERIES

ST Series is the answer to a wide variety of live events. Legendary RCF transducer technology is coupled with state of the art 1200 Watt Class-D amplification topology, DSP and FIRPHASE processing, for a perfectly optimized speaker series. A key requirement for everyday use independently as a stage monitor, main audio system, infill or other applications.

AMPLIFIER AND DSP

The two-channel 1200 W amplifier features a solid machined aluminum structure, which not only stabilizes the amplifier during transportation but also assists in heat dissipation. The internal DSP has limiters and protection for the transducers and includes the special FIRPHASE filters to achieve coherent distribution of sound for all listeners without phase distortion. A single button shapes the sound for background music purposes, when the system plays at minimum volume levels.

SUPERIOR TRANSDUCERS

The woofer delivers a deep and accurate reproduction of the lower frequency range while the high quality 1.4" horn loaded compression-driver offers a very open and natural midrange sound and extreme precision in high frequency reproduction.

ACTIVE STAGE MONITOR

- Up to 131 dB Sound Pressure Level
- 1200 W Amplifier
- 1" Compression Driver, 1.4 v.c.
- 90° x 60° coverage
- 1.400 Hz Crossover Frequency
- FIRPHASE zero degrees phase technology

BUILT FOR YOUR EVERYDAY USE

The ST multifunctional cabinet is built of high strength birch plywood coated with black textured polyurethane. A sturdy powder-coated metal grille protects the front, and an acoustically transparent sound foam backing on the inside of the grille ensures protection from dust and humidity. For use as a speaker on a pole, a steel cap is available on the bottom.

FRFR FULL RANGE FLAT RESPONSE

The ST active stage monitor perfectly complements your multi-FX/amp modeler. FRFR stands for Full Range Flat Response, which means you can model your sound through a remarkably neutral speaker. With 1200 W, flat frequency and 0° phase response, your ST speaker is your cabinet as well as your reference monitor. Classic guitar cabinets have their characteristic sound and that can be a bottleneck when you deal with contemporary guitar effects, especially on stage. Your guitar sound can be adapted and changed to your tastes, with complete freedom and all the power needed.





FEATURES



	ST 15-SMA II	ST 12-SMA II
Acoustical specifications		
Frequency Response:	45 Hz ÷ 20 kHz	45 Hz ÷ 20 kHz
Max SPL @ 1m:	131 dB	129 dB
Horizontal coverage angle	90°	90°
Vertical coverage angle:	60°	60°
Transducers		
Compression Driver:	1", 1.4" v.c.	1", 1.4" v.c.
Woofer:	15", 2.5" v.c.	12", 2.5" v.c.
Input/Output section		
Input signal:	bal/unbal	bal/unbal
Input connectors:	XLR, Jack	XLR, Jack
Output connectors:	XLR	XLR
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section		
Crossover Frequencies:	1400 Hz	1400 Hz
Protections:	RMS, HF	Thermal, RMS
Limiter:	Soft Limiter	Soft Limiter
Power section		
Total Power:	1200 W Peak	2100 W Peak
High frequencies:	400 W Peak	700 W Peak
Low frequencies:	800 W Peak	1400 W Peak
Cooling:	Convection	Convection
Connections:	VDE	VDE
RCF Technology		
	FIRPHASE	FIRPHASE
Standard compliance		
CE marking:	Yes	Yes
Physical specifications		
Cabinet/Case Material:	Baltic birch plywood	Baltic birch plywood
Handles:	1 side	1 side
Pole mount/Cap:	Yes	Yes
Grille:	Steel	Steel
Color:	Black	Black
Size		
Height:	362 mm / 14.25"	318 mm / 12.52"
Width:	673 mm / 26.5"	594 mm / 23.39"
Depth:	473 mm / 18.62"	400 mm / 15.75"
Weight:	20.3 kg / 44.75 lbs	17.3 kg / 38.14 lbs
PART NUMBER		
220-240 V	13000638	13000636
100-120 V	13000639	13000637

ACCESSORIES

AC PMA	13360034
Speaker pole mount.	
PM-KIT M20	13360067
Adjustable pole for subwoofer.	
AC PMX	13360232
Speaker pole mount with pushbutton system and hand crank to avoid uncontrolled reverse motion. Locking screw provides additional safety.	
AC PRO-FS	13360109
Steel speaker floor stand with folding base and telescopic rod. Tube diameter 35mm. Load capacity up to 50kg.	
AC PRO-PM	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.	
AC PRO-LF	13360111
Professional adapter sleeve for loudspeaker floor stand. Rod: steel, powder coated (colour: black). Ring lock: aluminium. Mandrel elements: polyamide (PA). Screw: steel, galvanised. Tube diameter 35mm. Load capacity up to 50kg.	
AC XLR 3M3F	13360102
3 XLR Female connector 3 pole with nickel body and silver contacts. 3 XLR Male connector 3 pole with nickel body and silver contacts.	
CVR ST 15-SMA	13360320
Protection cover. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	
CVR ST 12-SMA	13360319
Protection cover. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	

SUB SERIES

The low-frequency complement for the RCF Professional speakers. Featuring strong Baltic birch construction, high-quality mechanics, superior acoustic design and premium RCF Precision Transducers, the SUB Series brings the legendary RCF low-frequency efficiency and power to your sound system.

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.



SUB 8003-AS II AND SUB 905-AS II: FULL FEATURED INPUT BOARD

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

- PRESET
- VOLUME
- TIME
- OUT SIGNAL, LINE / HIGH PASS



SUB 708, 705, 702: EASY CONTROL

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

- X-OVER PRESET 80Hz/120Hz
- POLARITY INVERSION
- DELAY
- OUT SIGNAL, LINE / HIGH PASS

ACTIVE SUBWOOFERS

- Up to 137 dB Sound Pressure Level
- Up to 4400 W amplifier
- Stereo Crossover
- Switchable Crossover Frequencies
- Selectable gain, X-over and delay
- Phase-reverse switch



SUB 702-A II

*the right
punch*

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.



SUB 8008-AS The most powerful amplifier in its class

RCF's improvements in transducer design make them stronger and powerful, so the amplifier follows the evolution. With 4400W peak power, the 2-channel Class-D amplifier is able to manage extreme sound pressure levels with an ultra-fast attack, realistic transient response, and very low heat loss.

THE TRANSDUCERS INNOVATORS

RCF develops advanced transducer technology including the application of high-tech materials such as Neodymium, Carbon Fiber, Pure Titanium, Kevlar, Kapton and Mylar hybrids. With more than 70 years of design and manufacturing pro audio systems, RCF has been instrumental in technological inventions such as carbon fiber cone molding, double silicon spiders, inside/outside voice coil windings to edge wound voice coil manufacturing and pure titanium diaphragm forming. Our latest developments have resulted in designing advanced neodymium magnetic circuits, radically new voice coil ventilation systems and ground breaking direct drive voice coil assemblies.



SUB 8008-AS

SUB SERIES

CABINET & MECHANICS

RCF cabinets are made of the best multi-ply hardwood coated with a textured black finish. The subs are stackable and light-weight, for easy set-up and tear down, equipped with ergonomic handles. A pole receptacle on top and side allows the use of the box in various configurations. The powder coated front grille integrates a special transparent-to-sound foam backing on the inside to further protect transducers from dust.

FEATURES

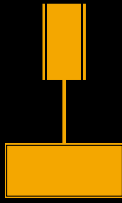


	SUB 8008-AS	SUB 8003-AS II	SUB 905-AS II
Acoustical specifications			
Frequency Response:	30 Hz ÷ 120 Hz	35 Hz ÷ 120 Hz	40 Hz ÷ 120 Hz
Max SPL @ 1m:	137 dB	135 dB	133 dB
Transducers			
Woofers:	2 x 18", 4.0" v.c.	18", 4.0" v.c.	15", 3.0" v.c.
Input/Output section			
Input signal:	bal/unbal	bal/unbal	XRL Stereo
Input connectors:	XLR, Jack	XLR, Jack	-
Output connectors:	XLR	XLR	XRL Stereo
Input sensitivity:	-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
Processor section			
HI-Pass Frequencies:	-	-	-
LOW-Pass Frequencies:	-	-	-
Crossover Frequencies:	Selectable	Selectable	Selectable
Protections:	Thermal, Excurs., RMS	Thermal, RMS	Thermal, RMS
Limiter:	Soft Limiter	-	Soft Limiter
Controls:	Xover, Phase switch, Deep/Punch, Output Delay Setting	Gain, EQ, Phase, Xover, Delay, Cardioid	Gain, EQ, phase, xover, delay, cardioid
Power section			
Total Power:	4400 W Peak	2200 W Peak	2200 W Peak
Low frequencies:	4400 W Peak	2200 W Peak	2200 W Peak
Cooling:	Convection/Forced	Convection	Convection
Connections:	Powercon TRUE1 TOP IN/OUT	Powercon IN/OUT	Powercon IN/OUT
Standard compliance			
CE marking:	Yes	Yes	Yes
Physical specifications			
Cabinet/Case Material:	Plywood	Baltic birch plywood	Baltic birch plywood
Hardware:	2 x M20	-	-
Handles:	2 side	2 side	2 Side
Pole mount/Cap:	-	Yes	Yes
Grille:	Steel	Steel	Steel
Color:	Black	Black	Black
Size			
Height:	550 mm / 21.65"	694 mm / 27.32"	600 mm / 23.62"
Width:	1180 mm / 46.46"	523 mm / 20.59"	445 mm / 17.52"
Depth:	700 mm / 27.56"	700 mm / 27.56"	610 mm / 24.02"
Weight:	80 kg / 176.37 lbs	42 kg / 92.59 lbs	30.2 kg / 66.58 lbs
PART NUMBER			
100-240 V - EU	-	13000432	13000434
100-240 V - US	-	13000433	13000435
220-240 V	13000752	-	-
100-120 V	13000753	-	-

FLOOR CONFIGURATIONS



Pole mount on subwoofer



Pole mount on subwoofer



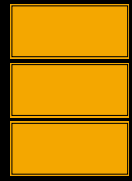
Single configuration on a subwoofer



Coupled configuration on a subwoofer



4 Line array modules mounted on subwoofer



Cardioid configuration 3 subwoofers setup



SUB 708-AS II



SUB 705-AS II



SUB 702-AS II

35 Hz ÷ 120 Hz	40 Hz ÷ 120 Hz	40 Hz ÷ 120 Hz
133 dB	131 dB	129 dB
18", 3.0" v.c.	15", 3.0" v.c.	12", 2.5" v.c.
bal/unbal	bal/unbal	bal/unbal
XLR	XLR	XLR
XLR	XLR	XLR
-2 dBu/+4 dBu	-2 dBu/+4 dBu	-2 dBu/+4 dBu
110 Hz	110 Hz	110 Hz
80 Hz	80 Hz	80 Hz
-	-	-
Thermal, RMS	Thermal, RMS	Thermal, RMS
Soft Limiter	Soft Limiter	Soft Limiter
Volume, EQ, Phase, Xover	Volume, EQ, Phase, Xover	Volume, EQ, Phase, Xover
1400 W Peak	1400 W Peak	1400 W Peak
1400 W Peak	1400 W Peak	1400 W Peak
Convection	Convection	Convection
VDE	VDE	VDE
Yes	Yes	Yes
Baltic birch plywood	Baltic birch plywood	Baltic birch plywood
-	-	-
2 Side	2 Side	2 Side
Yes	Yes	Yes
Steel	Steel	Steel
Black	Black	Black
665 mm / 26.18"	568 mm / 22.36"	487 mm / 19.17"
505 mm / 19.88"	430 mm / 16.93"	354 mm / 13.94"
700 mm / 27.56"	595 mm / 23.43"	498 mm / 19.61"
37.6 kg / 82.89 lbs	28.6 kg / 63.05 lbs	18.2 kg / 40.12 lbs
-	-	-
-	-	-
13000457	13000455	13000453
13000458	13000456	13000454

ACCESSORIES

AC PMX	13360232
Speaker pole mount with pushbutton system and hand crank to avoid uncontrolled reverse motion. Locking screw provides additional safety.	
AC PRO-FS	13360109
Steel speaker floor stand with folding base and telescopic rod. Tube diameter 35mm. Load capacity up to 50kg.	
PM-KIT M20	13360067
Adjustable pole for subwoofer.	
AC PRO-PM	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.	
WH PRO 4X	13360238
Kit no 4 swivel castor, 100mm / 4" Ø wheel with roller bearings	
AC PRO-LF	13360111
Professional adapter sleeve for loudspeaker floor stand.	
AC XLR 3M3F	13360102
3 XLR Female connector 3 pole with nickel body and silver contacts. 3 XLR Male connector 3 pole with nickel body and silver contacts.	
M20 PLATE	13360066
Threaded plate for M20 pole mount.	
CVR SUB 8003 II	13360378
Protection cover for SUB 8003-AS II. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	
CVR SUB 905 II	13360379
Protection cover for SUB 905-AS II. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	
CVR SUB 708 II	13360323
Protection cover for SUB 708-AS II. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	
CVR SUB 705 II	13360322
Protection cover for SUB 705-AS II. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	
CVR SUB 702 II	13360321
Protection cover for SUB 702-AS II. It features heavy-duty polyester outer fabric, foam rubber padding, and zip openings with Velcro fasteners.	

APPLICATIONS



Clubs



Hospitality Venues



High-Power Install Audio



Celebrations



Mobile DJs



Business and Corporate



Stage Monitoring



Rental Companies



Live Music Performances





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