



INSTALLED

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RCF Sound Culture

RCF is a leading technology brand of professional audio equipment, transducers, electronics, DSP, and custom solutions for any sound and any place. Established in Italy in 1949, RCF has been committed to the perfect reproduction and amplification of sound for events and concerts, recording, public address, broadcast, and portable audio. RCF has consistently transformed the pro-audio industry, developing components and products in-house to ensure maximum quality and reliability to the end-user. The comprehensive catalog covers all aspects of the audio chain to satisfy sound engineers, architects, and system integrators.



ADVANCED TECHNOLOGIES

Innovation comes first and foremost, thanks to the RCF R&D team, developers of many original products and technologies, such as the hyper-venting system, the inside/outside voice coil, the dual silicone spiders, and countless mechanical, digital, and leading-edge electronic solutions. RCF is one of the few loudspeaker companies worldwide that internally manufacture transducers, speaker systems, electronics, and software. All products feature RCF's exclusive designs and technologies such as the TRW True Resistive Waveguide, providing consistent horizontal and

vertical pattern control through the usable frequency range. RCF exclusive LICC Low Inductance Compensated Crossover ensures exceptional audio performance and stability. Zero degrees phase alignment FIRPHASE technology for clarity and perfect sound image; matching amplification and control systems to fully optimize the high performance and long-term reliability RCF is renowned for. Passive speaker systems also include RCF built-in dynamic electronic protections.

The Installed Sound range represents a prominent chapter in the company's long history, continuously expanding one of the most comprehensive product portfolios offering dedicated integrated audio solutions with superior acoustic performance. This catalog includes speaker systems designed to meet all pro-audio contractors requirements for fixed installations like café or theme bars, retail outlets, places of worship, theatres, restaurants, live venues, dance clubs, theme parks, airports, hotels, railway stations, shopping malls, auditoriums, congress centers, sporting facilities, stadia, etc.



SUPPORT AND TRAINING

RCF is always at the forefront of technologies and materials research, providing tools, documentation, technical support to help professionals deliver optimized sound to the listener. Training activities for all audio professionals and enthusiasts draw into 70 years of experience and knowledge of its engineers. The internal support engineering team is on hand to assist architects, system designers, or integrators during the design and customization

of complex systems. Tangible technical expertise, modern Italian manufacturing facilities, and the continuous technological refinement set RCF as an essential reference for all audio professionals and enthusiasts. RCF supports customers in its offices in the United States of America, France, Germany, Italy, Spain, the United Kingdom, and a network of more than hundreds of trusted distributors throughout the rest of the world.

HL SERIES

HORN LOADED TWO-WAY ARRAYS

The RCF HL Series is designed to provide high sensitivity, high output and directivity as required for larger scale installations.

Horn-loaded array systems can be easily converted from vertical installation mode to space saving horizontal placement. All speakers are equipped with RCF precision transducers and latest horn technology.

The RCF HL Series cabinets are constructed using the highest quality Baltic birch plywood and finished with an extremely resistant epoxy paint. The cabinets have a multi-trapezoid shape that helps double coupling array configurations. Extensive fly-ware positions are provided for ease of installation.

PRECISION TRANSDUCERS

With in-house transducers' design and manufacturing for no-compromise performances, the HL Series excels in any comparison. All transducers feature state of the art neodymium magnetic circuits, radically new voice coil ventilation systems, titanium compression drivers, and ground-breaking voice coil assemblies.

ARRAY FITTINGS

The HL SYSTEM is equipped with standard array fittings and IP 55 weather protection.



The cabinet is constructed of multi-ply Baltic birch marine plywood and finished in a very resistant, textured, polyurea black paint. The cabinet is equipped with 12 x M 8 brass inserts, a stainless steel U-Bracket and pair of spacers for 90° mounting.

The grille is in custom perforated aluminium with open-cell fibres and water repellent woven fabric backing.





Case Study

Darius and Girėnas Stadium. Kaunas, Lithuania



Link

SPECIFICATIONS



	HL 2290	HL 2260	HL 2240
Acoustical specifications			
Frequency Response (-10dB):	60 Hz - 20000 Hz	60 Hz - 20000 Hz	60 Hz - 20000 Hz
Frequency Response (-3dB):	80 Hz - 20000 Hz	80 Hz - 20000 Hz	80 Hz - 20000 Hz
Max SPL @ 1m:	141 dB	141 dB	141 dB
Horizontal coverage angle:	90°	60°	40°
Vertical coverage angle:	23°	22.5°	22.5°
Directivity index Q:	16	14	13
Power section			
Amplification:	Bi-Amp	Bi-Amp	Bi-Amp
Crossover Frequencies:	600 Hz	600 Hz	600 Hz
Nominal Impedance LF:	8 ohm	8 ohm	8 ohm
Power Handling LF:	1350 W	1350 W	1350 W
Peak Power Handling LF:	5400 W	5400 W	5400 W
Recommended Amplifier LF:	2700 W	2700 W	2700 W
Nominal Impedance HF:	8 ohm	8 ohm	8 ohm
Power Handling HF:	150 W	150 W	150 W
Peak Power Handling HF:	600 W	600 W	600 W
Transducers			
Compression Driver:	1 x 1.4" neo, 4.0" v.c	1 x 2.0" neo, 4.0" v.c	1 x 2.0" neo, 4.0" v.c
Woofer:	2 x 12", 3.5" v.c	2 x 12", 3.5" v.c	2 x 12", 3.5" v.c
Input/Output section			
Input connectors:	Amphenol eco/mat IP 67	Amphenol eco/mat IP 67	Amphenol eco/mat IP 67
Output connectors:	Amphenol eco/mat IP 67	Amphenol eco/mat IP 67	Amphenol eco/mat IP 67
Standard compliance			
IP protection grade:	IP 55	IP 55	IP 55
Safety agency:	CE compliant	CE compliant	CE compliant
Physical specifications			
Cabinet/Case Material:	Baltic birch plywood	Baltic birch plywood	Baltic birch plywood
Hardware:	Side and rear array rigging point	Side and rear array rigging point	Side and rear array rigging point
Grille:	Steel	Steel	Steel
Color:	Black	Black	Black
Size / Weight			
Height:	530 mm / 20.87 inches	530 mm / 20.87 inches	530 mm / 20.87 inches
Width:	771 mm / 30.35 inches	771 mm / 30.35 inches	771 mm / 30.35 inches
Depth:	635 mm / 25.00 inches	635 mm / 25.00 inches	635 mm / 25.00 inches
Weight:	69 kg / 152.12 lbs	70.4 kg / 155.21 lbs	69 kg / 152.12 lbs
Part Number			
	13000405	13000407	13000404
	AVAILABLE ON ORDER	AVAILABLE ON ORDER	AVAILABLE ON ORDER

ACCESSORIES

RIGGING / MOUNTING

FL-B HL	13360282
Suspending bar for HL line array system for HL 2290, HL 2260 and HL 2240.	



Link

HL 35-S & HL 6

COMPACT LINE ARRAY SYSTEM

Combined with robust rigging and a wide range of accessories, HL 6 and HL 35-S are perfect for installation in music venues, corporate spaces, and sports venues.

DESIGNED FOR INSTALLATION

The RCF HL 6 is an ultra-compact passive two-way full-range system for small and medium-sized spaces. The 1.75" neodymium compression driver with a constant-directivity waveguide design generates a horizontal constant-directivity coverage of 100 degrees over the entire vocal range with remarkable clarity. Two high-power 6" woofers deliver extended low-end up to 131 dB SPL for a wide range of applications, both alone, or in line-array configuration.



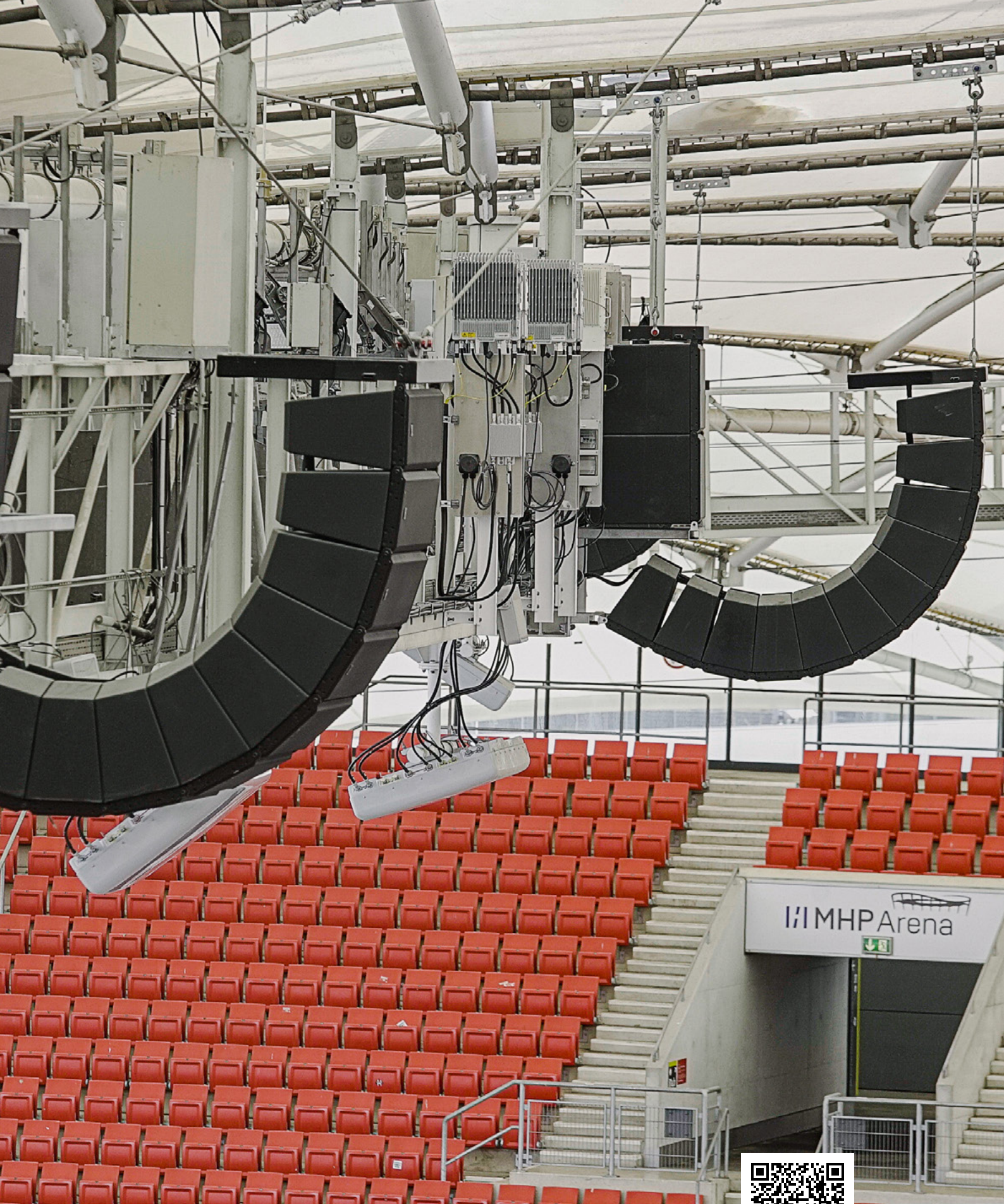
FLYABLE LIGHTWEIGHT 15" SUBWOOFER

Perfect for keeping the floor clear and maximizing the efficiency and coherence of the array, the low-frequency companion designed for the HL 6 is the high-performance flyable single 15" HL 35-S. The integrated fittings are both easy to use and reconfigurable, allowing the system engineer to extend the HL 6 lower range with one or multiple HL 35-S modules. It can be used attached to the flybar, on the floor, or stacked with the HL 6 on top. HL 35-S provides sound pressure and clarity that can replace antiquated, oversized sound systems with improved acoustic performance.

CABINET & MECHANICS

The hardware is designed for an easy and fast setup, completely compatible with the HL 6 rigging. The heavy-duty front grille is powder coated. A special transparent-to-sound foam backing inside helps to further protect the transducers from dust. For weatherproof capabilities, a rain cover is available.





Case Study
MHP Arena. Stuttgart. Germany



Link

SPECIFICATIONS



	HL 35-S	HL 6
Acoustical specifications		
Frequency Response (-10dB):	40 Hz - 140 Hz	65 Hz - 20000 Hz
Max SPL @ 1m:	134 dB	131 dB
Horizontal coverage angle:	-	100°
Vertical coverage angle:	-	10°
Directivity index Q:	-	16
Power section		
Amplification:	Full Range	Full Range
Crossover Frequencies:	-	900 Hz
Nominal Impedance LF:	8 ohm	16 ohm
Power Handling:	900 W	250 W
Peak Power Handling:	3600 W PEAK	1000 W PEAK
Protections:	-	Dynamic Active Mosfet
Transducers		
Compression Driver:	-	1 x 1.0" neo, 1.75" v.c
Woofer:	1 x 15" neo, 4.0" v.c	2 x 6.0" neo, 2.0" v.c
Input/Output section		
Input connectors:	Speakon	Speakon
Output connectors:	Speakon	Speakon
Standard compliance		
Safety agency:	CE compliant	CE compliant
Physical specifications		
Cabinet/Case Material:	Baltic birch plywood	PP Composite
Hardware:	Integrated array mechanics	Integrated array mechanics
Handles:	On side panels	2 on the rear panel
Pole mount/Cap	M20 thread	-
Grille:	Steel	Steel
Color:	Black, White	Black, White
Size / Weight		
Height:	444.5 mm / 17.5 inches	237 mm / 9.33 inches
Width:	480 mm / 18.9 inches	470 mm / 18.5 inches
Depth:	508 mm / 20 inches	377 mm / 14.84 inches
Weight:	28 kg / 61.73 lbs	11.8 kg / 26.01 lbs
Part Number		
Black	13000732	13000726
White	13000945	13000944

ACCESSORIES

RIGGING / MOUNTING

AZM-BR 2X	13360351
Azimut bracket. 2 pieces. To be added for horizontal array control	
CL-BR HDL 6	13360371
Clamp Bracket for HDL 6-A, HDL 26-A, HL 6 and HL 35-S.	
FL-B HDL 6	13360360
Flybar for HDL 6-A; HDL 12-AS; HDL 26-A; HDL 35-AS + 1x Pickup Tab with Shackle + Stacking Bar + Pole Mount + M20 Adapter. Pins included.	
FLB60696	13360696
Pickup Tab with Shackle for KX 4-A Series, HDL 6-A, HDL 12-AS, HDL 26-A, HDL 35-AS, HL 6 and HL 35-A.	
FL-B LINK HDL 6-12 2X	13360375
Link bar for HDL 6-A and HDL 12-AS; HDL 26-A and HDL 35-AS; HL 6 and HL 35-S. Two pieces.	
PM-KIT 3X HDL 6	13360377
Pole mount kit for 3 HDL 6-A or 3 HDL 26-A or 3 HL 6. Pins included. + Stacking Bar	
QL-PIN 008	13360626
4 X Quick Lock Pin Kit	
HOIST SPACING CHAIN CH 001	13360129
Hoist Connector Chain to distance the chain-hoist and the chain bag from the flybar.	
AC PMX	13360232
Adjustable pole - maximum load 50Kg	
PM-KIT M20	13360067 (B)
	13360638 (W)
Adjustable pole for subwoofer	

TRANSPORTATION

KRT-WH 6X HDL 6	13360366
Cart to store and transport up to 6 modules for HDL 6-A or HDL 26-A or HL 6.	



Link

H 1315 WP

THREE WAY INDOOR/OUTDOOR HORN LOADED SPEAKER SYSTEM

Concert-level performance in indoor/outdoor arena-sized venues. All speakers features high quality transducers, horns, and waveguides for optimal coverage and clarity at every seat.

The H 1315 WP is a three-way full range loudspeaker system that incorporates a 15" woofer, a 10" midrange and a 1.4" exit titanium compression driver for long throw applications. The system is very compact and provides very high output and accurate voice and sound reproduction. The system is equipped with the latest generation of RCF precision transducers, all of them with powerful neodymium motors. The internal passive filter provides crossover and equalization between the midrange and the compression driver. The system is driven in bi-amped mode, is capable of producing a Max SPL of 136 dB and handles 900 Watts AES (LF) + 400 Watt AES (MF/HF). The loudspeaker enclosure shape is multi-trapezoidal and offers a double coupling angle each side. Connections to the amplifier are made through a watertight multi-pole connector. The grille is in custom perforated aluminum with open-cell fibers and water repellent woven fabric backing. The cabinet is constructed of multi-ply baltic birch plywood and finished in a very resistant, textured, polyurea black paint.

MADE-TO-ORDER ACCESSORIES

An example of RCF's full customization: special cluster flybar for two units of H 1315 WP.



C-BR H 1315

33183006



	H 1315 WP
Acoustical specifications	
Frequency Response (-10dB):	50 Hz - 20000 Hz
Frequency Response (-3dB):	65 Hz - 20000 Hz
Max SPL @ 1m:	136 dB
Horizontal coverage angle:	60°
Vertical coverage angle:	40°
Directivity index Q:	12
Power section	
Amplification:	Bi-Amp
Crossover Frequencies:	Recommended 300 Hz
Nominal Impedance LF:	8 ohm
Power Handling LF:	900 W
Peak Power Handling LF:	3600 W
Sensitivity LF:	100 dB
Nominal Impedance MF+HF:	8 ohm
Power Handling MF+HF:	400 W
Peak Power Handling MF+HF:	1600 W
Sensitivity MF + HF:	108 dB
Protections MF+HF:	Active mosfet compression driver
Crossover Frequencies:	1300 Hz
Transducers	
Compression Driver:	1 x 1.4" neo, 3.0" v.c
Midrange:	10" neo, 3.0" v.c
Woofer:	15" neo, 4.0" v.c
Input/Output section	
Input connectors:	Amphenol eco/mat IP 67
Output connectors:	Amphenol eco/mat IP 67
Standard compliance	
Safety agency:	CE compliant
Physical specifications	
Cabinet/Case Material:	Baltic birch plywood
Hardware:	12 x M10 rigging point
Handles:	2 recessed
Grille:	Steel
Color:	Black
Size / Weight	
Height:	890 mm / 35.04 inches
Width:	519 mm / 20.43 inches
Depth:	632 mm / 24.88 inches
Weight:	114.64 lbs 52 kg
Part Number	13000266
AVAILABLE ON ORDER	



Case Study

Parken Stadium. Copenhagen, Denmark



Link

HVL SERIES

LONG THROW THREE-WAY SYSTEM

Focusing on stadiums and big arenas, HVL Series speakers are capable of true, concert-level high performance in arena-sized venues.

Featuring point source, line source, and subwoofers speakers, all modules embed RCF Precision Transducers, horns, and waveguides for optimal coverage and clarity. The cabinet's design with coplanar woofers and horns produces identical left and right coverage, capable of delivering serious sonic horsepower within the stadium while maintaining intelligibility and even coverage at every seat.

CONSISTENT ROBUSTNESS

Reduce the commissioning time on your new projects with HVL's modular array-ability, multiple directivity indexes (Q), and small footprint in comparison to its power. HVL can lower overall system costs by delivering full coverage with fewer modules precisely matching the audience area. Rated for direct-exposure outdoor installations, each cabinet is made of Baltic birch plywood with polyurea coating and includes a weatherproof barrier strip for connections. The grille is powder-coated heavy-duty steel with open-cell fibers and water repellent woven-fabric backing.

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4PATH WAVEGUIDE

The custom 4 PATH-designed waveguide allows precise coverage while also delivering an excellent, linear high-frequency response. The unique shape of the four ducts forming the guide creates an ideal isophasic load from the vocal range up to the highest audible frequencies

PRECISION TRANSDUCERS

With in-house transducers' design and manufacturing for no-compromise performances, the HVL Series excels in any comparison. All transducers feature state of the art neodymium magnetic circuits, radically new voice coil ventilation systems, and ground-breaking voice coil assemblies.

LOW FREQUENCIES

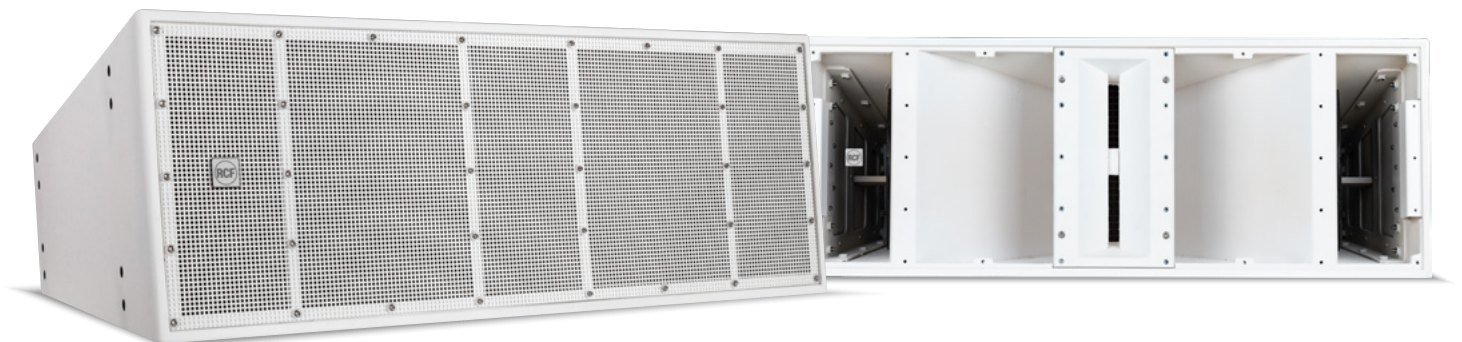
2 x 15" high-power woofer, 3,5" inside/outside voice coil, dual spider, hypervented, neodymium magnet.

MID FREQUENCIES

2 x 10" neodymium midrange, 3" voice coil, high performance sealed basket design.

HIGH FREQUENCIES

2 x 4" neodymium compression driver, titanium dome, 4 slot phase plug, copper inductance ring for extended response.





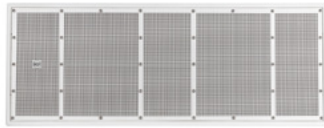
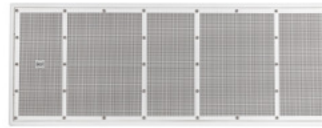
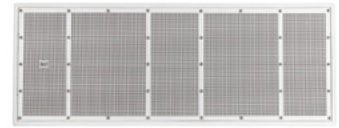
Case Study

Paul Brown Stadium. Cincinnati. OH (USA)



Link

SPECIFICATIONS



	HVL 15-L	HVL 15-L1	HVL 15-P
Acoustical specifications			
Frequency Response (-10dB)	43 Hz - 18000 Hz	43 Hz - 18000 Hz	43 Hz - 18000 Hz
Frequency Response (-3dB)	59 Hz - 13000 Hz	59 Hz - 13000 Hz	59 Hz - 13000 Hz
Max SPL @ 1m	147 dB	147 dB	148 dB
Horizontal coverage angle	90°	90°	45°
Vertical coverage angle	30°	30°	15°
Directivity index Q	12	12	18
Power section			
Amplification	Bi-Amp	Bi-Amp	Bi-Amp
Nominal Impedance LF	8 ohm	8 ohm	8 ohm
Power Handling LF	1000 W	1000 W	1000 W
Peak Power Handling LF	4000 W	4000 W	4000 W
Sensitivity LF	97 dB	97 dB	97 dB
Nominal Impedance LF2	-	-	-
Power Handling LF2	-	-	-
Peak Power Handling LF2	-	-	-
Sensitivity LF2	-	-	-
Nominal Impedance MF+HF	8 ohm	8 ohm	8 ohm
Power Handling MF+HF	900 W	900 W	900 W
Peak Power Handling MF+HF	3600 W	3600 W	3600 W
Sensitivity MF + HF	111 dB	111 dB	111 dB
Protections MF+HF	Dynamic Active Mosfet	Dynamic Active Mosfet	Dynamic Active Mosfet
Crossover Frequencies	1000 Hz	1000 Hz	1000 Hz
Transducers			
Compression Driver	2 x 1.4" neo, 4.0" v.c	2 x 1.4" neo, 4.0" v.c	2 x 1.4" neo, 4.0" v.c
Midrange	2 x 10" neo, 3.0" v.c	2 x 10" neo, 3.0" v.c	2 x 10" neo, 3.0" v.c
Woofers	2 x 15" neo, 3.5" v.c	2 x 15" neo, 3.5" v.c	2 x 15" neo, 3.5" v.c
Input/Output section			
Input connectors	Screw Terminals	Screw Terminals	Screw Terminals
Output connectors	Screw Terminals	Screw Terminals	Screw Terminals
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	n° 8 x M20 on each side panel n° 8 x M20 on top and bottom panels	n° 8 x M20 on each side panel n° 8 x M20 on top and bottom panel	n° 8 x M20 on each side panel n° 8 x M20 on top and bottom panel
Grille	Steel	Steel	Steel
Color	White, Black	White, Black	White, Black
Size / Weight			
Height:	525 mm / 20.67 inches	525 mm / 20.67 inches	525 mm / 20.67 inches
Width:	1382 mm / 54.41 inches	1380 mm / 54.33 inches	1382 mm / 54.41 inches
Depth:	815 mm / 32.09 inches	734 mm / 28.9 inches	815 mm / 32.09 inches
Weight:	110 kg / 242.51 lbs	110 kg / 242.51 lbs	115 kg / 253.53 lbs
Part Number			
	13000640	13000701	13000565
	AVAILABLE ON ORDER	AVAILABLE ON ORDER	AVAILABLE ON ORDER



HVL 15-P1

HVL 15-S

43 Hz - 18000 Hz	33 Hz - 180 Hz
59 Hz - 13000 Hz	40 Hz - 150 Hz
148 dB	133 dB
60°	-
30°	-
15	-
Bi-Amp	Bi-Amp
8 ohm	8 ohm
1000 W	1500 W
4000 W	6000 W
97 dB	97 dB
-	8 ohm
-	1500 W
-	6000 W
-	97 dB
8 ohm	-
900 W	-
3600 W	-
111 dB	-
Dynamic Active Mosfet	-
1000 Hz	-
2 x 1.4" neo, 4.0" v.c	-
2 x 10" neo, 3.0" v.c	-
2 x 15" neo, 3.5" v.c	2 x 15", 4.0" v.c
Screw Terminals	Screw Terminals
Screw Terminals	Screw Terminals
CE compliant	CE compliant
Baltic birch plywood	Baltic birch plywood
n° 8 x M20 on each side panel	n° 8 x M20 on each side panel
n° 8 x M20 on top and bottom panel	n° 8 x M20 on top and bottom panel
Steel	Steel
White, Black	White, Black
525 mm / 20.67 inches	525 mm / 20.67 inches
1380 mm / 54.33 inches	1380 mm / 54.33 inches
734 mm / 28.9 inches	734 mm / 28.9 inches
110 kg / 242.51 lbs	110 kg / 242.51 lbs
13000700	13000705

AVAILABLE ON ORDER

AVAILABLE ON ORDER



Link

HVL SERIES

X SERIES

TWO-WAY WEATHERPROOF PROFESSIONAL SPEAKERS

High-power speakers designed for premium installations, offering exceptional intelligibility and durability in an IP55, UV-protected, and corrosion-resistant polyurethane enclosure

Robust, high-quality audio solutions ideal for both indoor and outdoor settings. Crafted from high-density polyurethane and shielded by aluminum grilles with waterproof layers, X Series ensures durability and clear sound in any environment. With flexible mounting options and adjustable directivity, X speakers deliver exceptional performance across a wide range of demanding fixed applications.

VERSATILITY FOR ANY APPLICATION

Focusing on heavy duty outdoor and indoor applications in large spaces, X Series speakers are capable of true, concert-level high performance in a compact and robust polyurethane enclosure, installed individually or coupled in array configurations. Featuring line array and point source speakers, all modules embed RCF Precision Transducers, horns, and waveguides for optimal coverage and clarity.

PRECISION TRANSDUCERS

RCF has over 75 years of experience in designing transducers, particularly moving coil loudspeakers. Their transducers are engineered for optimal power and sound purity, with minimal distortion and the ability to withstand extended use.

ALL-WEATHER PERFORMANCE

The single-piece cabinet is equipped with multiple inserts and a corrosion-treated steel U-bracket. Connections to the amplifier are made through a watertight multi-pole connector. The front aluminum grille is powder coated with water-repellent backing material, front logo is rotatable. All X series speakers meet IP55 standard requirements (International Protection Rating), suitable for indoor and outdoor applications.

POLYURETHANE: THE ULTIMATE IN DURABILITY

Rigid structural polyurethane is a durable and stiff plastic, ideal for outdoor loudspeakers due to its excellent weather, UV and corrosion resistance, impact and abrasion durability, and lightweight properties. Its sound-insulating and low-vibration qualities enhance audio performance. These attributes make it a robust and versatile choice for outdoor speakers, ensuring longevity and quality performance in various environmental conditions.





Case Study

Yokohama Stadium, Yokohama, Japan.



Link



SPECIFICATIONS

	X 40	X 28L
Acoustical specifications		
Frequency Response (-10dB):	50 Hz - 20000 Hz	50 Hz - 20 kHz
Max SPL @ 1m:	142 dB	140 dB
Horizontal coverage angle:	110°	110°
Vertical coverage angle:	60°	20°
Power section		
Amplification:	Full Range	Full Range
Nominal Impedance:	8 ohm	8 ohm
Power Handling:	1200 W RMS	800 W RMS
Peak Power Handling:	4800 W PEAK	3200 W PEAK
Protections:	Dynamic active mosfet	Dynamic Active Mosfet
Crossover Frequencies:	750 Hz	750 Hz
Transducers		
Compression Driver:	1 x 1.4" neo, 4.0" v.c	1 x 1.4" neo, 3.0" v.c
Woofers:	2 x 10" neo, 3.0" v.c	2 x 8" neo, 2.5" v.c
Input/Output section		
Input connectors:	Screw Terminals	Screw Terminals
Output connectors:	Screw Terminals	Screw Terminals
Standard compliance		
IP protection grade:	IP 55	IP 55
Safety agency:	CE compliant	CE compliant
EN54-24 certified:	0068-CPR-254/2026	0068-CPR-254/2026
Physical specifications		
Cabinet/Case Material:	Structural Polyurethane	Structural Polyurethane
Hardware:	Wall mount vertical bracket included 2 x M10 (top) - 2 x M10 (back)	Array fittings
Grille:	Aluminum with water-repellent protection	Aluminum with water-repellent protection
Color:	Black - RAL 9005	Black - RAL 9005
Size / Weight		
Height:	710 mm / 27.95 inches	290 mm / 11.42 inches
Width:	311 mm / 12.24 inches	658 mm / 25.91 inches
Depth:	270 mm / 10.63 inches	378 mm / 14.88 inches
Weight:	25 kg / 55.12 lbs	24 kg / 52.91 lbs
Part Number		
Black	13100121	13100107
White	13100129	13100128



X 08	
70 Hz - 20 kHz	
128 dB	
100°	
100°	
Full Range	
8 ohm	
400 W RMS	
1600 W PEAK	
Dynamic Active Mosfet	
2000 Hz	
1 x 1.0" neo, 1.75" v.c	
8" neo, 2.5" v.c	
Screw Terminals	
Screw Terminals	
IP 55	
CE compliant	
0068-CPR-254/2026	
Structural Polyurethane	
Horizontal bracket included 2 x M10 (top-bottom), 2 x M10 (sides)	
Aluminum with water-repellent protection	
Black - RAL 9005	
260 mm / 10.24 inches	
436 mm / 17.17 inches	
251 mm / 9.88 inches	
9.95 kg / 21.94 lbs	
13100105	
13100127	

ACCESSORIES

RIGGING / MOUNTING

FLB60670 (black)	13360670
FLB60791 (white)	13360791
Extension for X 28L line array system fly-bar.	
FLB60669 (black)	13360669
FLB60790 (white)	13360790
Light fly-bar for X 28L line array system. Up to 16 modules can be fastened on a single fly-bar.	
FLB60666 (black)	13360666
FLB60789 (white)	13360789
Fly-bar for X 28L line array system. Up to 16 modules can be fastened on a single fly-bar.	
VBR60644 (black)	13360644
VBR60788 (white)	13360788
VBR60644 is a vertical bracket suitable to suspend X 08 speaker. It features robust design allowing to mount the speaker on a wall, ceiling, or truss in vertical configuration. The adjustable inclination allows obtaining the desired sound coverage.	
VBR60749 (black)	13360749
VBR60792 (white)	13360792
VBR60749 is a vertical bracket suitable to suspend X 40 speaker. It features robust design allowing to mount the speaker on a wall, ceiling, or truss in vertical configuration. The adjustable inclination allows obtaining the desired sound coverage.	



Link

COMPACT C SERIES

TWO-WAY PROFESSIONAL SPEAKERS

Elegant design aesthetics, RCF reliability and signature sound, delivering a pleasing audio experience in any application, from sports halls to nightclubs, corporate spaces, and performance venues. For enhanced weather resistance, the WP model features an acoustically transparent, water-repellent fabric discreetly embedded within the grille assembly and IP67 Amphenol Ecomate power connectors.

THE SOLUTION FOR IMPRESSIVELY POWERFUL SOUND

COMPACT C flexibility makes it a smart choice for a wide range of applications. Combining high-quality birch plywood cabinets with a 100° x 50° rotatable constant directivity waveguide, the speaker can be installed either horizontally or vertically. The sleek cabinet features a robust polyurea coating and is easy to be flown-, wall-, or truss-mounted using the multiple rigging points available and optional accessories. The back panel provides two Neutrik Speakon NL4⁺ (4-pole) plugs.

SUPERIOR TRANSDUCERS

Lightweight and powerful, RCF transducers feature advanced materials such as neodymium magnets and pure titanium diaphragms. Both drivers and woofers are designed by RCF engineers in Italy for maximum reliability and perfectly matched components.

LONG-LASTING DURABILITY

The weatherproof birch plywood cabinet is designed for robustness and reliability, making it ideal for demanding installed applications. Its textured polyurea coating provides exceptional scratch resistance and greater longevity compared to traditional finishes. The front steel grille is powder-coated and fitted with an acoustically transparent, water-repellent fabric.

CONSTANT DIRECTIVITY WAVEGUIDE

The special waveguide design allows the deployment of COMPACT C speakers with accurate control of the directional characteristics. In difficult acoustic environments, intelligibility is significantly increased. The speaker also features a 100° x 50° rotatable constant directivity waveguide. Using the optional HN-KIT COMPACT C 32 C 45 accessory, it is possible to replace the speaker horn with two different horns and change directivity to 100° x 25° or 60° x 25°.

ADVANCED ELECTROACOUSTICS

The advanced design of COMPACT C speakers is the result of several refinements in transducers, crossovers, and vented ports design. The internal crossover frequency is set at a lower frequency than usual, resulting in a clear and accurate vocal reproduction, carefully protected by our Dynamic Active Mosfet circuitry. With the advanced design and sound shaping of the waveguide, the speaker provides constant directivity and perfect coverage to the entire listening area.

PERFECTLY TUNED POWER AMPS

Pairing RCF passive speakers with RCF High Power XPS DSP Amplifiers and recalling the relative speakers preset, the finely tuned FIRPHASE and Bass Motion Control processing will be enabled, accurately customized for your speaker model. When connected to XPS, RCF speakers deliver their best performance, acting as an ideal source for a detailed sound image, impressive power, and extended bass response.





Case Study
Goodnight Nashville. Nashville, Tennessee (USA)



Link

SPECIFICATIONS



	COMPACT C 45	COMPACT C 45 WP	COMPACT C 32	COMPACT C 32 WP
Acoustical specifications				
Frequency Response (-10dB)	48 Hz - 20000 Hz	48 Hz - 20000 Hz	54 Hz - 20000 Hz	54 Hz - 20000 Hz
Max SPL @ 1m	138 dB	138 dB	137 dB	137 dB
Horizontal coverage angle	100°	100°	100°	100°
Vertical coverage angle	50°	50°	50°	50°
Directivity index Q	10	10	10	10
System Sensitivity	98 dB	98 dB	97 dB	97 dB
Power section				
Amplification	Full Range	Full Range	Full Range	Full Range
Nominal Impedance	8 ohm	8 ohm	8 ohm	8 ohm
Power Handling	700 W RMS	700 W RMS	600 W RMS	600 W RMS
Peak Power Handling	2800 W PEAK	2800 W PEAK	2400 W PEAK	2400 W PEAK
Protections	Dynamic Active Mosfet	Dynamic Active Mosfet	Dynamic Active Mosfet	Dynamic Active Mosfet
Crossover Frequencies	1100 Hz	1100 Hz	1100 Hz	1100 Hz
Transducers				
Compression Driver:	1 x 1.4" neo, 4.0" v.c	1 x 1.4" neo, 4.0" v.c	1 x 1.4" neo, 3.0" v.c	1 x 1.4" neo, 3.0" v.c
Woofer:	1 x 15" neo, 4.0" v.c	1 x 15" neo, 4.0" v.c	1 x 12" neo, 3.5" v.c	1 x 12" neo, 3.5" v.c
Input/Output section				
Input connectors:	Speakon	Amphenol eco/mat IP 67	Speakon	Amphenol eco/mat IP 67
Output connectors:	Speakon	Amphenol eco/mat IP 67	Speakon	Amphenol eco/mat IP 67
Standard compliance				
IP protection grade	IP 21C	IP 55	IP 21C	IP 55
Safety agency	CE compliant	CE compliant	CE compliant	CE compliant
EN54-24 certified	Yes	Yes	Yes	Yes
CPR number	0068-CPR-234/2025	0068-CPR-234/2025	0068-CPR-234/2025	0068-CPR-234/2025
Physical specifications				
Cabinet/Case Material	Birch plywood	Birch plywood	Birch plywood	Birch plywood
Hardware	4 x M8, 14 x M10	4 x M8, 14 x M10	4 x M8, 14 x M10	4 x M8, 14 x M10
Grille	Steel with clothing	Steel grille with water-repellent protection	Steel with clothing	Steel grille with water-repellent protection
Color	Black - RAL 9005	Black - RAL 9005	Black - RAL 9005	Black - RAL 9005
Size / Weight				
Height:	705 mm / 27.76 inches	705 mm / 27.76 inches	620 mm / 24.41 inches	620 mm / 24.41 inches
Width:	418.8 mm / 16.49 inches	418.8 mm / 16.49 inches	361.8 mm / 14.24 inches	361.8 mm / 14.24 inches
Depth:	460 mm / 18.11 inches	460 mm / 18.11 inches	404 mm / 15.91 inches	404 mm / 15.91 inches
Weight:	32.5 kg / 71.65 lbs	32.5 kg / 71.65 lbs	23.5 kg / 51.81 lbs	23.5 kg / 51.81 lbs
Part Number	13000602	13000803	13000642	13000911

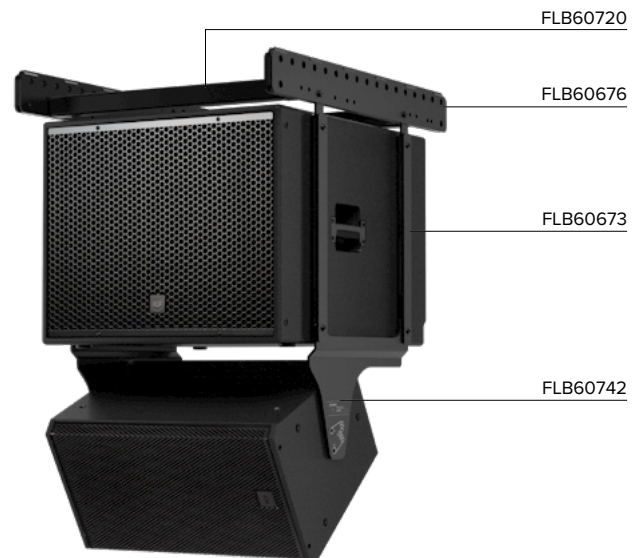
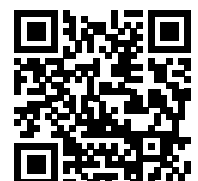
ACCESSORIES

RIGGING / MOUNTING

FLB60742	13360742
FLB60742 is a kit of 2 brackets designed for hanging a COMPACT C 32 speaker under a S 19 subwoofer. The kit must be used in combination with FLB60676 suspension bar, FLB60720 and FLB60673 brackets. Suitable also for WP versions.	
HBR60706	13360706
Pair of brackets for 15" cabinets horizontal wall mounting.	
HBR60703	13360703
Pair of brackets for 12" cabinets horizontal wall mounting.	
V-BR 001	13360541
Pair of brackets for 15" cabinets vertical wall mounting.	
V-BR 002	13360533
Pair of brackets for 15" cabinets vertical wall mounting.	
WM-BR 001	13360539
Bracket for speakers wall mounting.	

UPGRADE KITS

PNL IN-OUT AMPHENOL	12399063
Connectors Optional Panel Ip 67.	
HN-KIT COMPACT C 32 C 45	13360505
HN-KIT allows to change COMPACT C 32 and COMPACT C 45 speakers' directivity from 100° x 50° to 100° x 25° or 60° x 25°.	



Link

COMPACT SERIES

TWO-WAY PRECISION FULL-RANGE SPEAKERS

Highly advanced range of passive two-way direct radiating speaker systems designed to guarantee concert-quality sound in install applications.

ENGINEERED FOR DEMANDING INSTALLATION ENVIRONMENTS

The COMPACT Series is purpose-built for near to mid-field fixed installations requiring uncompromising sonic clarity, controlled directivity, and the reliability of a professional touring-grade loudspeaker. Each model delivers high output, wide bandwidth, and precise vocal intelligibility, making the series an ideal choice for clubs, theatres, houses of worship, educational facilities, and corporate AV systems. The entire series is certified EN 54-24:2008, ensuring compliance for voice-alarm and emergency communication systems. The WP weatherproof versions further extend installation flexibility, offering IP55-rated protection for outdoor and harsh-environment applications.

AMCDP PROTECTION FOR HIGH-FREQUENCY INTEGRITY

RCF's AMCDP – Active MOSFET Compression Driver Protection provides advanced real-time safeguarding of the high-frequency driver. By continuously monitoring power flow and dynamically reacting to overload conditions, AMCDP preserves both the longevity and the acoustic purity of the HF section, maintaining maximum clarity even at sustained high output levels.

UNIFORM COVERAGE WITH CMD CONSTANT MATCHING DESIGN

Every COMPACT model adopts RCF's CMD – Constant Matching Design, a horn-and-woofer geometry engineered for continuity in both tonal balance and dispersion. This ensures that the crossover region maintains a stable directivity pattern, delivering smooth, predictable coverage in any orientation. The rotatable horn allows horizontal or vertical installation without impacting performance, offering maximum flexibility for system designers and integrators.

ACOUSTIC REFINEMENT WITH INSTALLATION-GRADE DURABILITY

The COMPACT Series pairs high-efficiency transducers with carefully tuned enclosures for powerful, defined low-frequency response and articulate mids. The internal LICC – Low Impedance Compensated Crossover network further reduces phase distortion and enhances transient response. Premium birch-ply cabinets, reinforced mounting points, and a full suite of accessories make the series perfectly suited for professional installation environments where stability, aesthetics, and long-term reliability are essential.





Case Study
Exile. Cologne, Germany

[Link](#)

SPECIFICATIONS



	C 5215-W MKIII	C 5212-W MKIII	C 3110-126	C 3110-96
Acoustical specifications				
Frequency Response (-10dB)	48 Hz - 20000 Hz	54 Hz - 20000 Hz	67 Hz - 20000 Hz	67 Hz - 20000 Hz
Max SPL @ 1m	133 dB	132 dB	128 dB	128 dB
Horizontal coverage angle	90°	90°	120°	90°
Vertical coverage angle	40°	40°	60°	60°
Directivity index Q	14	13	9	11
System Sensitivity	100 dB	99 dB	97 dB	97 dB
Power section				
Amplification	Full Range	Full Range	Full Range	Full Range
Nominal Impedance	8 ohm	8 ohm	8 ohm	8 ohm
Power Handling	500 W	500 W	300 W	300 W
Peak Power Handling	2000 W PEAK	2000 W PEAK	1200 W PEAK	1200 W PEAK
Protections	Dynamic active mosfet	Dynamic active mosfet	Dynamic active mosfet	Dynamic active mosfet
Crossover Frequencies	1200 Hz	2000 Hz	2200 Hz	2200 Hz
Transducers				
Compression Driver:	1.4", neo 2.5" v.c	1 x 1.4" neo, 2.5" v.c	1.0", 1.5" v.c	1.0", 1.5" v.c
Woofer:	15", 3.0" v.c	1 x 12", 3.0" v.c	10", 2.0" v.c	10", 2.0" v.c
Input/Output section				
Input connectors:	Speakon® NL4	Speakon® NL4	Speakon® NL4	Speakon® NL4
Output connectors:	Speakon® NL4	Speakon® NL4	Speakon® NL4	Speakon® NL4
Standard compliance				
Safety agency	CE compliant	CE compliant	CE compliant	CE compliant
Physical specifications				
Cabinet/Case Material	Baltic birch plywood	Baltic birch plywood	Baltic birch plywood	Baltic birch plywood
Hardware	9 x M10 inserts	9 x M10 inserts	8 x M8 (rear), 2 x M10 (lateral), multiplates (top and bottom)	8 x M8 (rear), 2 x M10 (lateral), multiplates (top and bottom)
Pole mount/Cap	35 mm insert	35 mm insert	M20 thread	M20 thread
Grille	Steel	Steel	Steel with robust double mesh polyester clothing	Steel with robust double mesh polyester clothing
Color	Black - RAL 9005	Black - RAL 9005	Black - RAL 9005	Black - RAL 9005
Size / Weight				
Height:	669 mm / 26.34 inches	601 mm / 23.66 inches	500 mm / 19.69 inches	500 mm / 19.69 inches
Width:	408 mm / 16.06 inches	364 mm / 14.33 inches	300 mm / 11.81 inches	300 mm / 11.81 inches
Depth:	450 mm / 17.72 inches	385 mm / 15.16 inches	298 mm / 11.73 inches	298 mm / 11.73 inches
Weight:	30 kg / 66.14 lbs	23 kg / 50.71 lbs	15.8 kg / 34.83 lbs	16 kg / 35.27 lbs
Part Number	13000660	13000603	13000284	13000283
	AVAILABLE ON ORDER	AVAILABLE ON ORDER	AVAILABLE ON ORDER	



C 3108-126	C 3108-96
70 Hz - 20000 Hz	70 Hz - 20000 Hz
126 dB	126 dB
120°	90°
60°	60°
9	10
95 dB	95 dB
Full Range	Full Range
8 ohm	8 ohm
300 W	300 W
1200 W PEAK	1200 W PEAK
Dynamic active mosfet	Dynamic active mosfet
2000 Hz	2000 Hz
1.0", 1.5" v.c	1.0", 1.5" v.c
8", 2.0" v.c	8", 2.0" v.c
Speakon® NL4	Speakon® NL4
Speakon® NL4	Speakon® NL4
CE compliant	CE compliant
Baltic birch plywood	Baltic birch plywood
6 x M8 (rear), 2 x M10 (side), multiplates (top and bottom)	6 x M8 (rear), 2 x M10 (side), multiplates (top and bottom)
M20 thread	M20 thread
Steel with robust double mesh polyester clothing	Steel with robust double mesh polyester clothing
Black - RAL 9005	Black - RAL 9005
427 mm / 16.81 inches	427 mm / 16.81 inches
242 mm / 9.53 inches	242 mm / 9.53 inches
263 mm / 10.35 inches	263 mm / 10.35 inches
12 kg / 26.46 lbs	12.2 kg / 26.9 lbs
13000282	13000281

AVAILABLE ON ORDER

ACCESSORIES

RIGGING / MOUNTING

CL-BR NC	13360217
Pipe clamp accessory to mount C3108-96, C3108-126, C3110-96 and C3110-126.	
FL-BR NC 06-08-10	13360200
Flying bracket accessory to mount C3108-96, C3108-126, C3110-96 and C3110-126.	
H-BR 2X NC08	13360190
Pair of brackets for mounting C3108-96 and C3108-126 speakers on the wall.	
SWM-BR NC	13360199
Swivel bracket for speakers wall mounting.	
V-BR 2X NC08	13360195
Pair of brackets for mounting C3108-96 and C3108-126 speakers on the wall.	
H-BR 2X NC10	13360191
Pair of brackets for mounting C3110-96 and C3110-126 speakers on the wall.	
V-BR 2X NC10	13360196
Pair of brackets for mounting C3110-96 and C3110-126 speakers on the wall.	



Link

COMPACT M SERIES

MULTIPURPOSE TWO-WAY FULL-RANGE SPEAKER SYSTEM

Suitable for a wide range of applications. Its sound quality and compactness combine with an elegant design and accurate finishing to make the COMPACT M series the perfect choice for any environment. Excellent acoustic performance for both background and foreground music.

Engage your audience with this multipurpose two-way passive speaker series, ideal for a wide range of installed applications. The sound quality and the neutral design make COMPACT M series suited to every environment, providing excellent acoustic performance for both background and foreground music. With a complete range of solid wood cabinets, multiple rigging points and accessories, installation time is minimal.

IMPROVE THE AUDIO ATMOSPHERE

Music supports engagement and improves the feeling of hospitality in the environment, especially if the perceived sound quality is higher. RCF's Compact M Series is designed specifically for optimal performance in both background music and high-powered foreground audio.

ENGAGE YOUR CUSTOMERS

Compact dimensions and an impressive ratio of size/weight to SPL output: Let your audience enjoy an immersive musical experience.

WIDE COVERAGE, ELEGANT DESIGN

Smooth and wide frequency response with constant coverage, thanks to the CMD wave-guided compression driver.

SMOOTH INSTALLATION

COMPACT M speakers embody the functionality and style you expect of Italian design, always in harmony with the installation environment. Available in a wide range of models for all sizes and power levels, the Compact M series gives you the optimal combination to match with any coverage need. Moreover, the rotatable horn and RCF logo allow both vertical and horizontal speaker installation.

All models are built of high-quality wood, with multiple rigging points for a convenient flying/hanging installation. Thanks to the range of accessories, installation time is minimal. If needed, the EUROBLOCK connection panel can be replaced with a female Neutrik SpeakON one.

THE TRANSDUCERS INNOVATORS

High sensitivity and Hi-Fi sound quality with meticulously selected components.

OPTIMAL SOUND PERFORMANCE

The available SPL level and low distortion characteristics go way beyond what is usually expected of a compact solution.





Case Study

Hard Rock Cafe. Dubrovnik, Croatia



Link

SPECIFICATIONS



	COMPACT M 12	COMPACT M 10	COMPACT M 08	COMPACT M 06
Acoustical specifications				
Frequency Response (-10dB)	55 Hz - 20000 Hz	60 Hz - 20000 Hz	60 Hz - 20000 Hz	60 Hz - 20000 Hz
Max SPL @ 1m	129 dB	128 dB	124 dB	116 dB
Horizontal coverage angle	90°	90°	90°	120°
Vertical coverage angle	70°	70°	70°	80°
Directivity index Q	9	9	9	7
System Sensitivity	98 dB	98 dB	95 dB	90 dB
Power section				
Amplification	Full Range	Full Range	Full Range	Full Range
Nominal Impedance	8 ohm	8 ohm	8 ohm	8 ohm
Power Handling	300 W	300 W	200 W	100 W
Peak Power Handling	1200 W PEAK	1200 W PEAK	800 W PEAK	400 W PEAK
Protections	Dynamic active mosfet	Dynamic active mosfet	Dynamic active mosfet	Dynamic active mosfet
Crossover Frequencies	1800 Hz	1800 Hz	1800 Hz	2200 Hz
Transducers				
Dome Tweeter	1 x 1.0", 1.4" v.c	1 x 1.0", 1.4" v.c	1 x 1.0", 1.4" v.c	1 x 1.3" neo, 1.0" v.c
Woofers:	1 x 12", 2.5" v.c	1 x 10", 2.5" v.c	1 x 8", 1.7" v.c	1 x 6.0", 1.5" v.c
Input/Output section				
Input connectors:	Euroblock	Euroblock	Euroblock	Euroblock
Output connectors:	Euroblock	Euroblock	Euroblock	Euroblock
Standard compliance				
Safety agency	CE compliant	CE compliant	CE compliant	CE compliant
Physical specifications				
Cabinet/Case Material	Plywood	Plywood	Plywood	Plywood
Hardware	8 x M8, 8 x M10	8 x M8, 8 x M10	6 x M6, 4 x M8, 2 x M10	4 x M6, 2 x M8
Grille	Steel with clothing	Steel with clothing	Steel with clothing	Steel with clothing
Color	Black - RAL 9005 White - RAL 9003	Black - RAL 9005 White - RAL 9003	Black - RAL 9005 White - RAL 9003	Black - RAL 9005 White - RAL 9003
Size / Weight				
Height:	620 mm / 24.41 inches	510 mm / 20.08 inches	442 mm / 17.4 inches	365 mm / 14.37 inches
Width:	362 mm / 14.25 inches	295 mm / 11.61 inches	257 mm / 10.12 inches	211 mm / 8.31 inches
Depth:	404 mm / 15.91 inches	325 mm / 12.8 inches	284 mm / 11.18 inches	232 mm / 9.13 inches
Weight:	22 kg / 48.5 lbs	17 kg / 37.48 lbs	10.5 kg / 23.15 lbs	5.5 kg / 12.13 lbs
Part Number				
Black	13000596	13000595	13000594	13000582
White	13000724	13000723	13000722	13000721



COMPACT M 05	COMPACT M 04
70 Hz - 20000 Hz	90 Hz - 20000 Hz
115 dB	113 dB
120°	120°
80°	120°
7	6
89 dB	89 dB
Full Range	Full Range
8 ohm	16 ohm
80 W	60 W
320 W PEAK	240 W PEAK
-	-
2200 Hz	1800 Hz
1 x 1.3" neo, 1.0" v.c	1 x 1.0" neo, 1.0" v.c
1 x 5.0", 1.2" v.c	1 x 4.0", 1.0" v.c
Euroblock	Euroblock
Euroblock	Euroblock
CE compliant	CE compliant
Plywood	Plywood
4 x M6, 2 x M8	2 x M6, 2 x M8
Steel with clothing	Steel with clothing
Black - RAL 9005 White - RAL 9003	Black - RAL 9005 White - RAL 9003
303 mm / 11.93 inches	148 mm / 5.83 inches
172 mm / 6.77 inches	132 mm / 5.2 inches
191 mm / 7.52 inches	145 mm / 5.71 inches
4.2 kg / 9.26 lbs	2.3 kg / 5.07 lbs
13000581	13000623
13000720	13000725

ACCESSORIES

RIGGING / MOUNTING

HBR60703	13360703 (B)
Pair of brackets for 12" cabinets horizontal wall mounting.	
H-BR 003	13360609 (W)
Pair of brackets for 12" cabinets horizontal wall mounting.	
V-BR 002	13360549 (B)
	13360607 (W)
Pair of brackets for 12" cabinets vertical wall mounting.	
SWM-BR NC	13360199
Swivel bracket for speakers wall mounting. It allows both horizontal and vertical installation.	
H-BR 007	13360551 (B)
	13360604 (W)
Pair of brackets for 10" cabinets horizontal wall mounting.	
V-BR 007	13360552 (B)
	13360606 (W)
Pair of brackets for 10" cabinets vertical wall mounting.	
H-BR 006	13360547 (B)
	13360603 (W)
Pair of brackets for 8" cabinets horizontal wall mounting.	
V-BR 006	13360549 (B)
	13360605 (W)
Pair of brackets for 8" cabinets vertical wall mounting.	
H-BR 005	13360545 (B)
	13360602 (W)
Pair of brackets for 6" cabinets horizontal wall mounting.	
H-BR 004	13360550 (B)
	13360597 (W)
Pair of brackets for 5" cabinets horizontal wall mounting.	
WM-BR 001	13360539
Bracket for speakers wall mounting.	
SWM-BR COMPACT M	13360449 (B)
	13360468 (W)
Swivel bracket for COMPACT M 05, M 06 and M 08 speakers wall mounting.	

UPGRADE KITS

PNL IN-OUT AMPHENOL	12399063
PNL IN-OUT AMPHENOL is an optional panel that allows to switch input/output connectors to AMPHENOL IP 67	
PNL IN-OUT SPEAKON	12399062
PNL IN-OUT is an optional panel that allows to switch from EUROBLOCK to SpeakON input / output connectors.	



Link

COMPACT A SERIES

MULTIPURPOSE TWO-WAY FULL-RANGE PROFESSIONAL SPEAKERS

Elegant design aesthetics and RCF signature sound quality that delivers a supreme audio experience in any application, from restaurants and retail shops to clubs, corporate spaces and venues.

COMPACT A Series is a multipurpose two-way full-range professional speaker system, suitable for a wide range of applications, such as live sound reinforcement and stage monitoring as well as distributed sound systems for clubs or music venues. The combination of a 1.75" compression driver, from 15" to 10" woofer", and the constant directivity True Resistive Waveguide produces coherent 100° x 60° coverage for the listening area with high SPL, distortion-free sound. The sleek and lightweight cabinet uses a special polypropylene composite material with an M-brace internal reinforcement, making it easy to carry and secure to install on a pole, flown-, wall-, or truss-mounted using the multiple rigging points and available accessories

NEW PARADIGMS IN ELECTROACOUSTICS

The advanced design of COMPACT A lies within the housing of the speaker. The new True Resistive Waveguide is the result of several refinements in both the transducers' and the vented ports' design with Finite Element Analysis, and constant measurement in RCF anechoic chambers. Thanks to our transducers, the new shape, and the placement of the ports, the speaker now acts as a single ideal source for a perfect sound image. Acoustically, 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.

EASY TO HANDLE, FAST TO INSTALL

COMPACT A is flexible and makes it a smart choice for a wide range of applications. The cabinet is easy to carry, thanks to ergonomic handles on both sides and the top. The lower side includes a steel pole socket for mounting on a stand or subwoofer pole. Each model can also be flown, wall- or truss-mounted using multiple M10 rigging points and special accessories. From molding to the final texture, COMPACT A offers maximum strength for fixed installation.

M-BRACING A NEW CABINET DESIGN

COMPACT A professional appearance of an is ideal for live events or installed applications. The sleek cabinet uses a special polypropylene composite material with a radically new construction concept. The grille cover is heavy-duty steel protecting both transducers and vented ports. The purpose-designed M-brace connects the four internal sides of the cabinet and amplifier, preventing any deformation for a completely inert body, with augmented acoustical damping even at maximum volume settings. It also performs as a reinforcement structure, for greater resistance to mechanical stress.

LEGENDARY TRANSDUCERS

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. The internal crossover frequency is set at a lower frequency than usual, resulting in a clear and accurate vocal reproduction with dynamic active mosfet protection.





Case Study

OSiR Zamość Sports Hall. Łańcut, Poland.



Link

SPECIFICATIONS



	COMPACT A 15	COMPACT A 12	COMPACT A 10
Acoustical specifications			
Frequency Response (-10dB)	50 Hz - 20000 Hz	55 Hz - 20000 Hz	60 Hz - 20000 Hz
Max SPL @ 1m	130 dB	129 dB	128 dB
Horizontal coverage angle	100°	100°	100°
Vertical coverage angle	60°	60°	60°
System Sensitivity	98 dB	97 dB	97 dB
Power section			
Amplification	Full Range	Full Range	Full Range
Nominal Impedance	8 ohm	8 ohm	8 ohm
Power Handling	450 W	400 W	350 W
Peak Power Handling	1800 W PEAK	1600 W PEAK	1400 W PEAK
Protections	Dynamic Active Mosfet	Dynamic Active Mosfet	Dynamic Active Mosfet
Crossover Frequencies	1200 Hz	1200 Hz	1400 Hz
Transducers			
Compression Driver	1 x 1.0", 1.75" v.c	1 x 1.0", 1.75" v.c	1 x 1.0", 1.75" v.c
Woofer:	1 x 15", 3.0" v.c	1 x 12", 2.5" v.c	1 x 10", 2.5" v.c
Input/Output section			
Input connectors:	Speakon	Speakon	Speakon
Output connectors:	Speakon	Speakon	Speakon
Standard compliance			
Safety agency	CE compliant	CE compliant	CE compliant
Physical specifications			
Cabinet/Case Material	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 and bottom
Handles	1 top, 1 each side	1 top, 1 each side	1 top
Pole mount/Cap	35 mm insert	35 mm insert	35 mm insert
Grille	Steel	Steel	Steel
Color	Black - RAL 9005	Black - RAL 9005	Black - RAL 9005
Size / Weight			
Height:	716.6 mm / 28.21 inches	641.6 mm / 25.26 inches	572.1 mm / 22.52 inches
Width:	414.9 mm / 16.33 inches	369.9 mm / 14.56 inches	329.9 mm / 12.99 inches
Depth:	410 mm / 16.14 inches	363 mm / 14.29 inches	310 mm / 12.2 inches
Weight:	23.5 kg / 51.81 lbs	18.8 kg / 41.45 lbs	16.2 kg / 35.71 lbs
Part Number	13000740	13000739	13000738

ACCESSORIES

RIGGING / MOUNTING

AC PRO-FS	13360109
Professional loudspeaker floor stand.	
AC PMX	13360232
Adjustable pole.	
AC PRO-PM	13360110
Adjustable pole accessory for satellite loudspeaker on a subwoofer.	
PM-KIT M20	13360067
Adjustable pole for subwoofer.	
FL-BR ART 915	13360481
Flying Mount Bracket for COMPACT A 15.	
FL-BR ART 912	13360477
Flying Mount Bracket for COMPACT A 12.	
FL-BR ART 910	13360472
Flying Mount Bracket for COMPACT A 10.	
H-BR ART 915	13360479
Horizontal Mount Bracket for COMPACT A 15.	
V-BR ART 915	13360480
Vertical Mount Bracket for COMPACT A 15.	
H-BR ART 912	13360475
Horizontal Mount Bracket for COMPACT A 12.	
V-BR ART 912	13360476
Vertical Mount Bracket for COMPACT A 12.	
H-BR ART 910	13360471
Horizontal Mount Bracket for COMPACT A 10.	

PROTECTIONS

CVR ART 915	13360478
Padded Cover for for COMPACT A 15.	
CVR ART 912	13360474
Padded Cover for for COMPACT A 12.	
CVR ART 910	13360473
Padded Cover for for COMPACT A 10.	



Link

P SERIES

TWO-WAY WEATHERPROOF SPEAKERS

Highly efficient coaxial designs offering excellent music and speech intelligibility in a compact, lightweight, and weatherproof enclosure.

The RCF P Series are highly efficient two-way designs offering excellent music and speech intelligibility in compact lightweight weatherproof design cabinets constructed with a heavy-duty UV-stabilized material. P Series speaker systems offer environmental protection up to the highest IP standard rating. The design aesthetics of the P Series is suitable for outdoor applications as well as indoor installations in tough environments. The front grille construction and included bracket are made of aluminum in all models.

LICC - LOW IMPEDANCE COMPENSATED CROSSOVER

The system includes a high-level crossover network that features lower than conventional induction values. Its benefits are delay reduction, reduced phase shift and superior transient response for improved audio performance and stability.

CMD - COVERAGE MATCHING DESIGN

RCF exclusive CMD technology helps guarantee an optimal transition between the high frequency horn polar pattern and the low frequency woofer directivity. The horn can be rotated, allowing to install the loudspeaker either vertically or horizontally.

VERSATILITY FOR ANY APPLICATION

Focusing on outdoor and indoor large spaces, P Series speakers are capable of true, concert-level high performance in a compact enclosure, installed individually or coupled in array configurations. Featuring coaxial, line source, and subwoofers speakers, all modules embed RCF Precision Transducers, horns, and waveguides for optimal coverage and clarity. The cabinet's design with coaxial or coplanar woofers and horns produces identical left and right coverage, capable of delivering serious sonic horsepower within the stadium while maintaining intelligibility and even coverage at every seat.

ALL-WEATHER PERFORMANCE

The single-piece rotomolded cabinet is fully UV protected, equipped with multiple brass inserts and a corrosion-resistant AISI 316L stainless steel U-bracket (except P 1108T model). Connections to the amplifier are made through a watertight multi-pole connector. The front aluminum grille is powder coated with water-repellent backing material, front logo is rotatable. All P series speakers meet IP55 standard requirements (International Protection Rating), suitable for indoor and outdoor applications.





Case Study

Windsor Park Stadium. Belfast, Northern Ireland.



Link

SPECIFICATIONS



	P 6215	P 3115T	P 2110T	P 5228-L
Acoustical specifications				
Frequency Response (-10dB)	75 Hz - 20000 Hz	75 Hz - 20000 Hz	95 Hz - 20000 Hz	80 Hz - 20000 Hz
Max SPL @ 1m	134 dB	129 dB	124 dB	131 dB
Horizontal coverage angle	60°	90°	90°	90°
Vertical coverage angle	60°	60°	40°	20°
Directivity index Q	13	13	11	11
System Sensitivity	100 dB	98 dB	95 dB	98 dB
Power section				
Amplification	Full Range	Full Range	Full Range	Full Range
Nominal Impedance	8 ohm	16 ohm	16 ohm	8 ohm
Power Handling	600 W	300 W	200 W	500 W
Peak Power Handling	2400 W PEAK	1200 W PEAK	800 W PEAK	2000 W PEAK
Protections	Dynamic active mosfet	Dynamic active mosfet	Dynamic active mosfet	Dynamic active mosfet
Crossover Frequencies	1100 Hz	1300 Hz	2000 Hz	1300 Hz
Transducers				
Compression Driver	1.3" neo, 2.5" v.c	1.0", 1.5" v.c	1.0", 1.5" v.c	2 x 1.0" neo, 1.75" v.c
Woofers	Coaxial 15" neo, 3.0" v.c	Coaxial 15", 2.5" v.c	Coaxial 10", 2.5" v.c	2 x 8" neo, 2.5" v.c
Input/Output section				
Input connectors	Neoprene Cable	Neoprene Cable	Neoprene Cable	Amphenol eco/mat IP 67
Constant Voltage Transformer	-	100 V	100 V	-
Power selection 1	-	120 W - 83 ohm	60 W - 167 ohm	-
Power selection 2	-	60 W - 167 ohm	30 W - 333 ohm	-
Power selection 3	-	30 W - 333 ohm	15 W - 667 ohm	-
Standard compliance				
IP protection grade	IP 55	IP 55	IP 55	IP 55
Safety agency	CE compliant	CE compliant	CE compliant	CE compliant
Physical specifications				
Cabinet/Case Material	PE Low Density	PE Low Density	PE Low Density	PE Low Density
Hardware	12 x M10 + U-Bracket and Pair of spacers	12 x M10 inserts + U-brackets and pair of spacers	12 x M8 inserts + U-brackets and pair of spacers	4 x M8 inserts
Grille	Aluminum with waterproof clothing	Aluminum with waterproof clothing	Aluminum with waterproof clothing	Aluminum with waterproof clothing
Color	Grey - RAL 7011 White - RAL 9003	Grey - RAL 7011 White - RAL 9003	Grey - RAL 7011	Grey - RAL 7011
Size / Weight				
Height:	463 mm / 18.23 inches	463 mm / 18.23 inches	350 mm / 13.78 inches	268 mm / 10.55 inches
Width:	463 mm / 18.23 inches	463 mm / 18.23 inches	350 mm / 13.78 inches	566 mm / 22.28 inches
Depth:	433 mm / 17.05 inches	433 mm / 17.05 inches	320 mm / 12.6 inches	250 mm / 9.84 inches
Weight:	17 kg / 37.48 lbs	18.4 kg / 40.57 lbs	13.4 kg / 29.54 lbs	14 kg / 30.86 lbs
Part Number				
Black	-	-	-	-
Grey	13000131	13000135	13000125	13000202
White	13100083	13100082	-	-
	AVAILABLE ON ORDER	AVAILABLE ON ORDER	-	-

ACCESSORIES

RIGGING / MOUNTING

C-BR 2X P15

13360094

Kit including 4 cluster brackets for P3115-T, P6215 and P8015-S

C-BR 2X P10

13360095

Kit including 4 brackets to cluster 2 P2110-T speakers

RIGGING / MOUNTING

C-BR 2X P28

13360119

Kit including 4 cluster brackets for P4228-T and P5228-L



P 4228	P 3108	P 1108T	P 8015S
80 Hz - 20000 Hz	80 Hz - 20000 Hz	80 Hz - 20000 Hz	50 Hz - 200 Hz
129 dB	125 dB	121 dB	132 dB
110°	90°	90°	-
60°	60°	60°	-
9	11	11	-
97 dB	94 dB	95 dB	97 dB
Full Range	Full Range	Full Range	Full Range
8 ohm	8 ohm	16 ohm	8 ohm
400 W	300 W	100 W	800 W
1600 W PEAK	1200 W PEAK	400 W PEAK	3200 W PEAK
Dynamic active mosfet	Dynamic active mosfet	PTC	-
1100 Hz	1800 Hz	2200 Hz	-
1 x 1.4" neo, 2.5" v.c	1 x 1.0", 1.5" v.c	1 x 1.0", 1.4" v.c	-
2 x 8", 2.5" v.c	1 x 8", 2.5" v.c	1 x 8", 1.5" v.c	15" neo, 4.0" v.c
Amphenol eco/mat IP 67	Amphenol eco/mat IP 67	Neoprene Cable	Neoprene Cable
-	-	100 V	-
-	-	60 W - 167 ohm	-
-	-	30 W - 333 ohm	-
-	-	15 W - 667 ohm	-
IP 55	IP 55	IP 55	IP 55
CE compliant	CE compliant	CE compliant	CE compliant
PE Low Density	PE Low Density	PE Low Density	PE Low Density
4 x M8 + U-bracket and pair of spacers	4 x M8 + U-bracket and pair of spacers	4 x M8 + U-Bracket and Pair of spacers	12 x M10 + U bracket and pair of spacers
Aluminum with waterproof clothing	Aluminum with waterproof clothing	Aluminum with waterproof clothing	Aluminum with waterproof clothing
Grey - RAL 7011 White - RAL 9003 Black RAL - 9005	Grey - RAL 7011 Black RAL - 9005	Grey - RAL 7011 White - RAL 9003 Black RAL - 9005	Grey - RAL 7011
268 mm / 10.55 inches	266 mm / 10.47 inches	266 mm / 10.47 inches	463 mm / 18.23 inches
566 mm / 22.28 inches	493 mm / 19.41 inches	493 mm / 19.41 inches	463 mm / 18.23 inches
250 mm / 9.84 inches	250 mm / 9.84 inches	250 mm / 9.84 inches	433 mm / 17.05 inches
14 kg / 30.86 lbs	10.6 kg / 23.37 lbs	11.8 kg / 26.01 lbs	16.5 kg / 36.38 lbs
13100104	13100125	13100126	-
13000199	13000198	13000203	13000230
13100081	-	13100084	-
AVAILABLE ON ORDER	-	AVAILABLE ON ORDER	-



Link

P SERIES

MAX SERIES

HIGH POWER TWO-WAY SPEAKERS

Multi-purpose speakers with focused near and mid-field performance, vocal clarity, and consistent tonal balance.

PRECISION SOUND FOR MODERN ENTERTAINMENT

The MAX Series speakers deliver powerful, precision audio built for entertainment venues, combining high-output with crystal-clear vocal intelligibility and excellent feedback rejection. Designed for both near-field and full-range usage, they offer tight, authoritative low-end performance while preserving clarity in mid- and high-frequencies. Rugged construction ensures reliability under continuous use, while versatile designs scale from smaller private rooms to large open-spaces, making MAX Series systems a go-to solution where both fidelity and impact matter.

ROBUST WORKHORSE

All MAX Series cabinets are built-in plywood coated with black textured acrylic paint. 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.

PERFECTLY TUNED CROSSOVER

The MAX Series features a custom-designed mid-freq shaping for close distance listening on a perfectly tuned crossover to ensure the best frequency and phase response. The LICC crossover design includes electronic protection on high-frequency device.

EASY RIGGING

The base of each speaker includes a robust steel pole socket for mounting on a stand or a subwoofer pole. Threaded inserts are provided on all sides for optional mounting hardware. Included are multiple rigging points to fly the speakers for maximum architectural freedom in any installation.





Case Study
KTV entertainment. Shenzhen, China.



Link

SPECIFICATIONS



	X-MAX 12	X-MAX 10	C-MAX 4112
Acoustical specifications			
Frequency Response (-10dB)	60 Hz - 20000 Hz	65 Hz - 20000 Hz	60 Hz - 20000 Hz
Max SPL @ 1m	129 dB	128 dB	130 dB
Horizontal coverage angle	90°	90°	90°
Vertical coverage angle	70°	70°	70°
Directivity index Q	9	11	11
System Sensitivity	97 dB	97 dB	98 dB
Power section			
Amplification	Full Range	Full Range	Full Range
Nominal Impedance	8 ohm	8 ohm	8 ohm
Power Handling	400 W	350 W	400 W
Peak Power Handling	1600 W PEAK	1400 W PEAK	1600 W PEAK
Protections	Dynamic active mosfet	Dynamic active mosfet	Bulb lamp
Crossover Frequencies	1800 Hz	1800 Hz	1800 Hz
Transducers			
Compression Driver	1 x 1.0", 1.4" v.c	1 x 1.0", 1.4" v.c	1 x 1.0" neo, 1.75" v.c
Woofer	1 x 12", 2.5" v.c	1 x 10", 2.5" v.c	1 x 12", 3.0" v.c
Input/Output section			
Input connectors	Speakon	Speakon	Speakon® NL4
Output connectors	-	-	Speakon® NL4
Standard compliance			
Safety agency	CE compliant	CE compliant	CE compliant
Physical specifications			
Cabinet/Case Material	Plywood	Plywood	Baltic birch plywood
Hardware	2 x M8, 16 x M10	2 x M8, 16 x M10	16 x M10
Handles	-	-	1 Top
Pole mount/Cap	35 mm insert	35 mm insert	35 mm insert
Grille	Steel with clothing	Steel with clothing	Steel
Color	Black	Black	Black
Size / Weight			
Height:	620 mm / 24.41 inches	510 mm / 20.08 inches	600 mm / 23.62 inches
Width:	362 mm / 14.25 inches	295 mm / 11.61 inches	363 mm / 14.29 inches
Depth:	404 mm / 15.91 inches	325 mm / 12.8 inches	407 mm / 16.02 inches
Weight:	22 kg / 48.5 lbs	17 kg / 37.48 lbs	24.5 kg / 54.01 lbs
Part Number			
Black	13000658	13000657	13000535



C-MAX 4110

G-MAX 12

G-MAX 10

65 Hz - 20000 Hz	55 Hz - 20000 Hz	65 Hz - 20000 Hz
128 dB	130 dB	129 dB
90°	90°	90°
70°	70°	70°
11	9	11
97 dB	98 dB	97 dB
Full Range	Full Range	Full Range
8 ohm	8 ohm	8 ohm
350 W	500 W RMS	400 W
1400 W PEAK	2000 W PEAK	1600 W PEAK
Bulb lamp	Dynamic active mosfet	Dynamic active mosfet
1800 Hz	1800 Hz	1800 Hz
1 x 1.0" neo, 1.75" v.c	1 x 1.0", 1.4" v.c	1 x 1.0", 1.4" v.c
1 x 10", 2.5" v.c	1 x 12", 3.0" v.c	1 x 10", 2.5" v.c
Speakon® NL4	Speakon	Speakon
Speakon® NL4	-	-
CE compliant	CE compliant	CE compliant
Baltic birch plywood	Plywood	Plywood
16 x M10	2 x M8, 16 x M10	2 x M8, 16 x M10
1 Top	-	-
35 mm insert	35 mm insert	35 mm insert
Steel	Steel with clothing	Steel with clothing
Black	Black	Black
500 mm / 19.69 inches	620 mm / 24.41 inches	510 mm / 20.08 inches
309 mm / 12.17 inches	362 mm / 14.25 inches	295 mm / 11.61 inches
350 mm / 13.78 inches	404 mm / 15.91 inches	325 mm / 12.8 inches
17.6 kg / 38.8 lbs	22 kg / 48.5 lbs	17 kg / 37.48 lbs
13000534	13000914	13000934



Link

MAX SERIES

ART 725 MK4

TWO-WAY SPEAKER

ART 725 MK4 is a passive two-way system with an accurate acoustic design for club installations and live music.

SUPERIOR TRANSDUCERS

Woofers and compression drivers are precision built taking advantage of RCF's technologies and a wealth of professional knowledge and experience dedicated to achieving extremely high standards.



SPECIFICATIONS

	ART 725 MK4
Acoustical specifications	
Frequency Response (-10dB)	55 Hz - 20000 Hz
Max SPL @ 1m	133 dB
Horizontal coverage angle	90°
Vertical coverage angle	60°
System Sensitivity	99 dB
Power section	
Amplification	Full Range
Nominal Impedance	8 ohm
Power Handling	700 W
Peak Power Handling	2800 W PEAK
Crossover Frequencies	1400 Hz
Transducers	
Compression Driver	1 x 1.4" neo, 3.0" v.c
Woofer	1 x 15" neo, 3.5" v.c
Input/Output section	
Input connectors	Speakon® NL4
Output connectors	Speakon® NL4
Standard compliance	
Safety agency	CE compliant
Physical specifications	
Cabinet/Case Material	PP Composite
Hardware	2 x M10
Handles	1 Top, 2 Side
Pole mount/Cap	35 mm insert
Grille	Steel
Color	Black
Size / Weight	
Height:	708 mm / 27.87 inches
Width:	437 mm / 17.2 inches
Depth:	389 mm / 15.31 inches
Weight:	20.5 kg / 45.19 lbs
Part Number	
Black	13000548

BRING ART WITH YOU

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.

ACCESSORIES

RIGGING / MOUNTING

AC PRO-FS	13360109
Professional loudspeaker floor stand	
H-BR 2X ART 715	13360105
Horizontal bracket	
AC PMX	13360232
Adjustable pole - maximum load 50Kg	
AC PRO-PM	13360110
Adjustable pole accessory for satellite loudspeaker on a subwoofer	
PM-KIT M20	13360067
Adjustable pole for subwoofer	

PROTECTION

CVR ART 725	13360115
Protection cover	



Link





Case Study

Picnic Restaurant. Novi Sad, Serbia.



Link

PREMIUM SPEAKERS SERIES

HIGH QUALITY MONITOR SPEAKERS

Multipurpose speakers with elegant design and premium music reproduction.

With multipurpose two-way in-ceiling, wall-mounted and pendant speakers, RCF premium sound is suitable for a wider range of applications. Thanks to their elegant, discreet design and accurate details, these speakers pair any building's aesthetic. The high-quality transducers guarantee a faithful and precise music reproduction of the entire frequency band and provide impressive sound pressure levels inside a compact enclosure.

SMOOTH INSTALLATION

Housed in a compact enclosure, all models feature Euroblock inputs, a line transformer for 70V-100V systems, and quick and easy installation.

Each model provides easy access to the power selector and has accessory options to increase flexibility.

IMPROVE THE AUDIO ATMOSPHERE

Music nurtures engagement and hospitality inside any social or shopping environment. With a wide coverage angle, premium speakers are ideal for both speech and music reproduction.

MULTIPURPOSE SOUND

Combining modern design, on-board processing, and RCF sound quality to deliver an excellent audio experience.

The application range is extensive and varies from retail stores to bars and restaurants, meeting rooms, education or public facilities, and in general to any A/V application.





Case Study

Lower Silesian Sports Center. Jakuszyce, Poland.

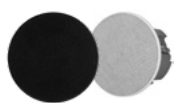


Link

SPECIFICATIONS



	WMR 60T	WMR 50T	PMR 60T	CMR 60T	CMR 50T
Acoustical specifications					
Frequency Response (-10dB)	70 Hz - 20000 Hz	80 Hz - 20000 Hz	70 Hz - 20000 Hz	70 Hz - 20000 Hz	80 Hz - 20000 Hz
Max SPL @ 1m	114 dB	110 dB	114 dB	114 dB	110 dB
Horizontal coverage angle	140°	140°	-	-	-
Vertical coverage angle	100°	100°	-	-	-
Coverage angle	-	-	130°	130°	130°
System Sensitivity	89 dB	88 dB	89 dB	89 dB	88 dB
Power section					
Amplification	Full Range	Full Range	Full Range	Full Range	Full Range
Nominal Impedance	8 ohm	8 ohm	8 ohm	8 ohm	8 ohm
Power Handling	80 W RMS	40 W RMS	80 W RMS	80 W RMS	40 W RMS
Peak Power Handling	320 W PEAK	160 W PEAK	320 W PEAK	320 W PEAK	160 W PEAK
Protections	Bulb lamp	Bulb lamp	Bulb lamp	Bulb lamp	Bulb lamp
Crossover Frequencies	2500	2500	2500 Hz	2500	2500
Transducers					
Dome Tweeter	1 x 1.0" neo, 1.0" v.c	1 x 1.0" neo, 1.0" v.c	1 x 1.0" neo, 1.0" v.c	1 x 1.0" neo, 1.0" v.c	1 x 1.0" neo, 1.0" v.c
Woofer	1 x 6.5", 1.2" v.c	1 x 5.0", 1.0" v.c	1 x 6.5", 1.2" v.c	1 x 6.5", 1.2" v.c	1 x 5.0", 1.0" v.c
Input/Output section					
Input connectors	Euroblock	Euroblock	Euroblock	Euroblock	Euroblock
Output connectors	Euroblock	Euroblock	Euroblock	Euroblock	Euroblock
Constant Voltage Transformer	70/100 V	70/100 V	70/100 V	70/100 V	70/100 V
Power selection 1	80 W - 125 ohm	40 W - 250 ohm	80 W - 125 ohm	80 W - 125 ohm	40 W - 250 ohm
Power selection 2	40 W - 250 ohm	20 W - 500 ohm	40 W - 250 ohm	40 W - 250 ohm	20 W - 500 ohm
Power selection 3	20 W - 500 ohm	10 W - 1000 ohm	20 W - 500 ohm	20 W - 500 ohm	10 W - 1000 ohm
Power selection 4	10 W - 1000 ohm	5 W - 2000 ohm	10 W - 1000 ohm	10 W - 1000 ohm	5 W - 2000 ohm
Power selection 5	5 W - 2000 ohm	2.5 W - 4000 ohm	5 W - 2000 ohm	5 W - 2000 ohm	2.5 W - 4000 ohm
Standard compliance					
IP protection grade	IP 55	IP 55	-	-	-
Safety agency	CE compliant, UL 1480A	CE compliant, UL 1480A	CE compliant	CE compliant, UL 1480A	CE compliant, UL 1480A
Physical specifications					
Cabinet/Case Material	ABS	ABS	ABS	ABS	ABS
Hardware	Wall mount bracket	Wall mount bracket		Steel backcan	Steel backcan
Grille	Steel	Steel	Steel	Steel	Steel
Color	Black - RAL 9005 White - RAL 9003	Black - RAL 9005 White - RAL 9003	Black - RAL 9005 White - RAL 9003	White - RAL 9003	White - RAL 9003
Size / Weight					
Height:	403 mm / 15.87"	349 mm / 13.74"	236 mm / 9.29"	-	-
Width:	193 mm / 7.6"	170 mm / 6.69"	-	-	-
Depth:	293 mm / 11.54"	253 mm / 9.96"	-	202 mm / 7.95"	151 mm / 5.94"
Recessed Depth	-	-	-	193 mm / 7.6"	142 mm / 5.59"
Diameter	-	-	300 mm / 11.81"	300 mm / 11.81"	300 mm / 11.81"
Cut out diameter	-	-	-	260 mm / 10.24"	260 mm / 10.24"
Weight:	6 kg / 13.23 lbs	4.2 kg / 9.26 lbs	5.1 kg / 11.24 lbs	4.5 kg / 9.92 lbs	4 kg / 8.82 lbs
Part Number					
Black	13100050	13100051	13100100	-	-
White	13100071	13100074	13100098	13100045	13100044



CMR 30

MMR 30T

CMR-S 60T

70 Hz - 20000 Hz	200 Hz - 20000 Hz	45 Hz - 250 Hz
104 dB	101 dB	109 dB
-	-	-
-	-	-
130°	130°	180°
86 dB	84 dB	89 dB
Full Range	Full Range	Full Range
16 ohm	16 ohm	8 ohm
15 W RMS	10 W RMS	80 W RMS
60 W PEAK	40 W PEAK	320 W PEAK
-	-	Bulb lamp
-	-	-
-	1 x 3"	-
1 x 2.5" neo, 1.0" v.c	-	1 x 6.5", 1.5" v.c
Push Type Terminals	Euroblock	Euroblock
Push Type Terminals	Euroblock	Euroblock
-	100 V	70/100 V
-	10 W - 1000 ohm	80 W - 125 ohm
-	5 W - 2000 ohm	40 W - 250 ohm
-	2.5 W - 4000 ohm	20 W - 500 ohm
-	1.25 W - 8000 ohm	10 W - 1000 ohm
-	-	5 W - 2000 ohm
-	-	-
CE compliant	CE compliant	CE compliant
Aluminum	ABS	ABS
-	-	Steel backcan
Stainless Steel	Aluminum	Steel
Black - RAL 9005 White - RAL 9003	Black - RAL 9005 White - RAL 9003	White - RAL 9003
-	96.3 mm / 3.79 inches	-
-	100.3 mm / 3.95 inches	-
68 mm / 2.68"	157.6 mm / 6.2 inches	202 mm / 7.95"
61 mm / 2.4"	-	193 mm / 7.6"
109 mm / 4.29"	-	300 mm / 11.81"
86 mm / 3.39"	-	260 mm / 10.24"
0.37 kg / 0.82 lbs	0.66 kg / 1.46 lbs	4.5 kg / 9.92 lbs
13100111	13100114	-
13100111	13100113	13100112

ACCESSORIES

RIGGING / MOUNTING

MUD RING 4X CMR

13360490

Set of 4 mud ring accessories for CMR 60T, CMR 50T and CMR-S 60T installation in new constructions ceilings.

TILE BRIDGE 4X CMR

13360489

Set of 4 tile bridge accessories for CMR 60T, CMR 50T and CMR-S 60T installation in standard false ceiling structures.

GRILLE KIT 4X CMR B

13360492

Set of 4 black grilles for CMR 60T, CMR 50T and CMR-S 60T ceiling speakers.



Link

SPEAKER & CEILING SERIES

COMPREHENSIVE INSTALLATION RANGE

Versatile speakers featuring high-quality components and precise engineering, designed for speech and music reproduction.

The Speaker & Ceiling Series offers ceiling, wall-mount, surface, and suspended models, providing complete solutions for background and foreground sound. Compact, discreet designs integrate seamlessly into any space with versatile mounting and finish options.

EN 54 CERTIFIED MODELS

Several units meet EN 54-24 standards for voice alarm and evacuation systems. Fire-resistant materials, thermal fuses, and ceramic connectors ensure safety and speech intelligibility in emergency situations.

BALANCED PERFORMANCE

With frequency responses from ~60 Hz to 20 kHz and sensitivities around 90–95 dB, the series ensures clear, natural sound. Selectable 70/100 V transformer taps and low-impedance operation make it adaptable to both small rooms and large distributed systems.

RELIABLE & FLEXIBLE DESIGN

Robust enclosures, metal grilles, and moisture-resistant finishes guarantee long-term reliability. Wide or focused coverage options and shallow-depth housings simplify integration into ceilings, walls, and open spaces.

