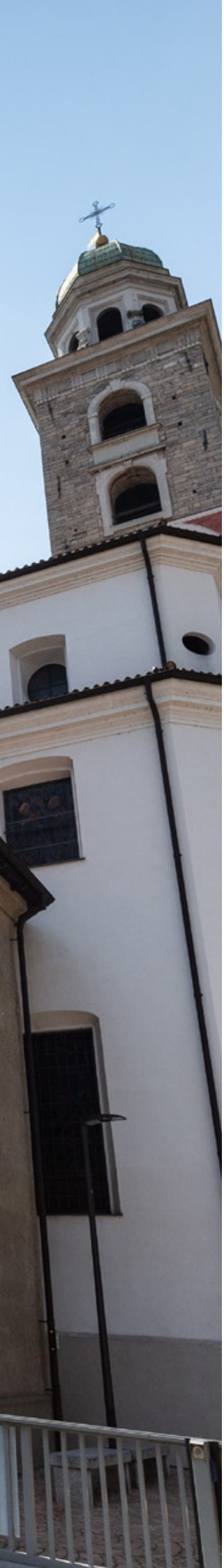
PLACES OF WORSHIP

REFERENCES



RCF INSTALLED SOUND

WE CARE ABOUT YOUR SOUND

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.

ENGINEERED FOR HUMAN BEINGS

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.

RCF SOUND CULTURE

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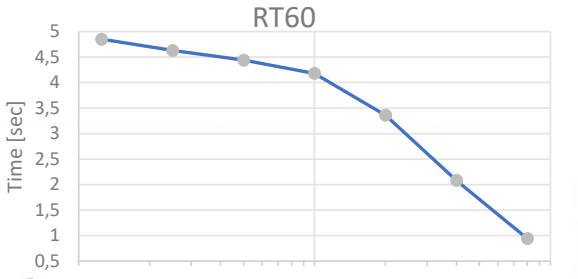
FOREFRONT TECHNOLOGY

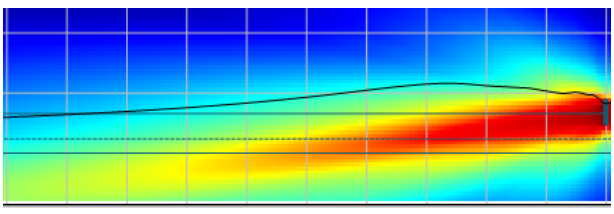
Innovation comes first and foremost, thanks to the RCF R&D team, developers of many original products and technologies, such as the hyper-venting system, the inside/outside voice coil, the dual silicone spiders, and countless mechanical, digital, and leading-edge electronic solutions. RCF is one of the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

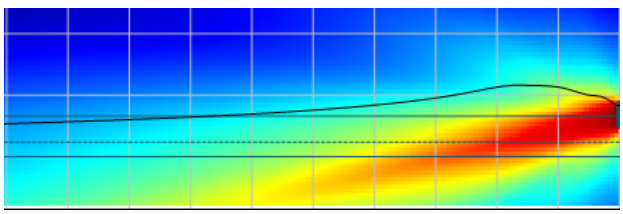
A REFERENCE IN INDUSTRY

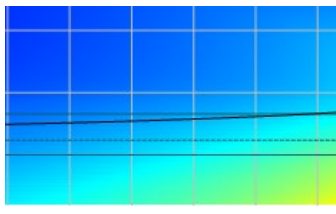
RCF is always at the forefront of technologies and materials research, providing tools, documentation, technical support to help professionals deliver optimized sound to the listener. Training activities for all audio professionals and enthusiasts draw into 70 years of experience and knowledge of its 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 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.

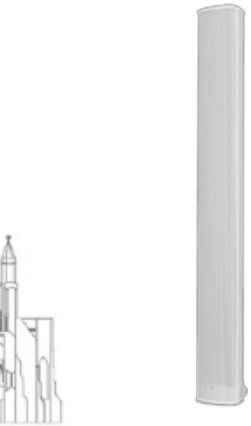
Tewkesbury Abbey



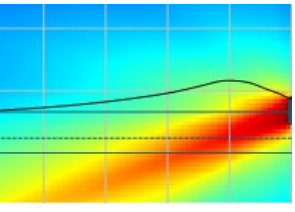








CS 6940



ENGINEERING SUPPORT GROUP

CUSTOMIZATION WITHOUT BOUNDARIES

Our Engineering Support Group works side by side with the R&D Department to create tailor-made equipment based on the client's real needs – complete with rigging accessories, signal processing, or custom mechanics. We are not only suppliers of standard products but also a team of highly skilled engineers who develop personalized audio solutions. Contact the RCF team to learn more about customization and color options to suit your unique environment. Each project has important benchmarks and we will help you to get the job done.

RCF EXPERIENCE AT YOUR SERVICE

The direct involvement in particularly complex projects Worldwide is continually raising the know-how and reputation of our team of specialists that is considered one of the best Engineering Support Groups in our industry. A system design must always consider the environment's acoustics, the architectural and installation constraints, the maintenance costs, and the user's requirements. According to cost and performance requirements, the extensive and complete range of RCF products enables the Engineering Support Group to submit multiple design solutions optimized for each project.

RCF is committed to providing complete support, helping our customers choose the most suitable solutions for their projects to achieve the best results. This support team is crucial to RCF's continual success. We continue to invest in our knowledge and skill by expanding our engineering team of product specialists and the latest equipment and software technologies.

- DESIGN PROPOSAL

  Based on supplied venue details, including environmental acoustic simulation, product list, block diagram, and speaker coverage mapping.

- DESIGN VALIDATION

  Based on the client's design, we guide the proper selection and placement of RCF products.

- DESIGN OF ALTERNATIVE SOLUTIONS

  Based on existing specs, we provide advice and improved system configurations based upon RCF products to optimize the installation.

- ACOUSTICAL CONSULTANCY

  We help with the definition of the project's specifications in cooperation with architects and contractors.

- ON SITE

  We provide system start-up and commissioning. RCF produces pre-wired racks on request, complete with connection diagrams and operation manuals.

AUDIO ACADEMY TRAINING ACTIVITIES

Our training sessions are available in our worldwide educational program or can be customized according to the client's requirements. ESG members are involved in education and training activities where they can exchange information and ideas with consultants and contractors participating in the RCF Audio Academy program. RCF provides an extensive selection of courses and workshops covering several subjects such as new products, technologies, user cases, and in-depth professional training. Sessions are organized worldwide by our Instructors/Engineers and also in RCF Audio Academy facilities in Italy.

Tewkesbury Abbey - Gloucestershire (UK)

Back in 2010, when the medieval Tewkesbury Abbey was considering the installation of a new LED environmental lighting system it simultaneously saw the opportunity to rectify the problems it had been having with its sound system — which was becoming unreliable and lacking in intelligibility — and at the same time take advantage of the new cabling infrastructure. The contract went out to tender, and from the five companies originally approached, Jon Hunnisett's Sound Advice PA Installation, specialists in houses of worship, provided the successful bid. He based his proposal around an RCF VSA (Vertical Steerable Array) solution, having seen it successfully deployed in other famous heritage buildings such as St. Mark's Basilica in Venice. Jon Hunnisett's company has worked on many projects with RCF "They are a great company to deal with — we always get excellent support, including the technical expertise in Italy to back us up," he said.

VSA would need to be sensitively installed in Tewkesbury's Grade I-listed visitor attraction under the watchful eye of the DAC (Diocesan Advisory Committee) since it dates back to Norman times. In fact The Abbey Church of St Mary the Virgin (to use its correct name), is the second largest parish church in the country and a former Benedictine monastery. Founded in 1087 by nobleman Robert FitzHamon, building of the present Abbey did not start until 1102 and was eventually consecrated in 1121.

Hunnisett continues, "This time around I didn't want a large number of distributed speakers with separate delays so much as minimal equipment that would provide a lot of options with more versatile delay and EQ options. I had heard VSA and knew it would tick all the boxes while still hitting the price points." And so in addition to the high directivity CS6940, he specified a total of six of RCF's flagship VSA2050 powered and steerable vertical array columns (four for the nave and two for the high altar), five VSA1250 (for the Choir, the Font and Lady Chapel) and a pair of VSA850, which sit under a pair of the larger VSA's either side of the aisle at the front of the nave. While the VSA2050s handle the long throw focus over a 20-metre distance, the VSA850's cover the near-field. The two VSA1250, installed on pillars facing the Font, provide independent local coverage for specific services.

At the end of it all, mediaeval abbeys were never built to host music — such as CD's for weddings and baptisms — and were hardly built with slide rule precision. At the survey stage Jon Hunnisett realised that the pillars down the nave tilted slightly, and he had to decide whether to follow the line of the pillars with the steerable columns or take a true vertical approach (which he eventually opted for, with the aid of a laser leveller). He could scarcely be happier with the implementation. "The new set-up offers two-way interactivity and with all the DSP pre-programmed, and the beam steering computer optimised by the RCF specialists, anyone who can tap a button can now use this."

Products installed

VSA 2050 II

VSA 1250 II

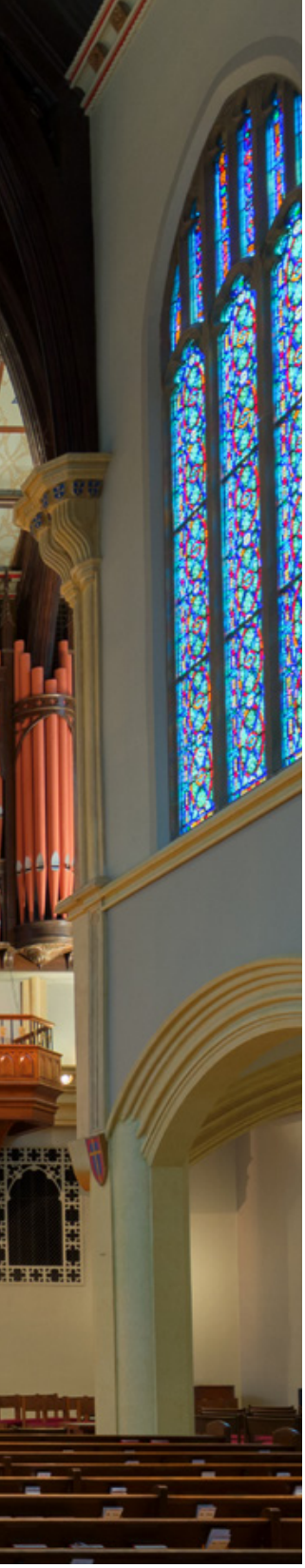
VSA 850 II

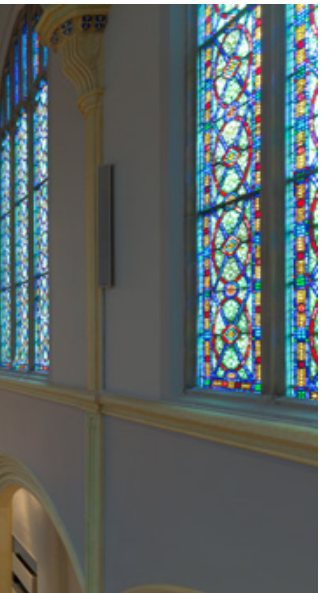
CS 6940EN

UP 8504


409
330
811
409
330
811


409
330
311





Madison Luther Church - Wisconsin (USA)

In 1905 Evangelical Lutheran national church leaders envisioned a new mission in Madison, Wisconsin. The building stands tall in the heart of the University of Wisconsin campus despite the challenges it has faced over the decades including fires, threats of bankruptcy, a bombing, and cultural shifts with the denomination itself. These days, the church services the intergenerational faith community in the region of the state's capital.

Entering the nave, a stone living-water font greets worshippers into this architecturally stunning worship space. The floor plan is laid out in traditional cruciform design. With 40-foot high arched ceiling, a domed apse frames an ornate centerpiece that rises two stories above the altar with a statue of Jesus Christ looking down watching over his flock. On either side, ornamental organ pipes add to the majestic look with their 56-rank Austin pipe organ and Steere tracker organ.

In 2016, Luther Memorial leaders developed a new master plan for the church. Milwaukee-based Kubala Washatko Architects was called in to assist in restoring the church to its original grandeur. Having worked previously on audio systems with System Design Engineer Jason Keagy from Baraboo, Wisconsin-based Peak Systems Group, they were invited in to partner on the upgrades.

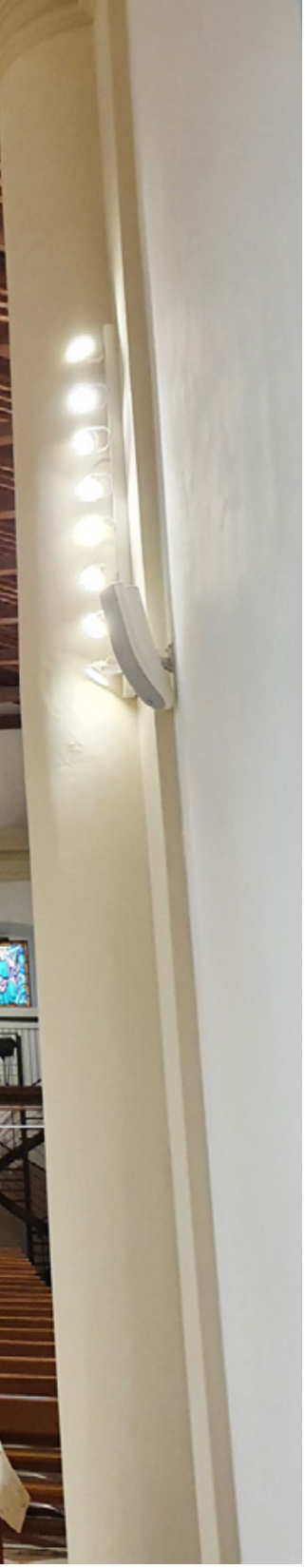
With a 100-foot throw from the speaker position to the furthest row of seats and the room exhibiting a nearly three-second delay time, Peak opted to use one VSA 2050 and one VSA 1250 on either side of the altar area. Using two cabinets also provided Peak with the ability to provide even coverage to both the front and transepts area with one VSA, the other covering the long-throw needs of the nave. In addition to the four VSA used to cover the sanctuary, Peak installed two VSA1250 in the rear to cover a choir loft area above the entranceway.

The result of coverage was "spot-on perfect," notes Mundth. "It was amazing that even in the last row, once you stood up you were outside the coverage area. The ability to target the congregation seating area is what makes the VSA such a useful solution." Senior Pastor Brad Pohlman concurs. "This has been a stunning improvement of sound quality. They really sound nice. I couldn't ask for any more out of them."

Products installed

VSA 2050 II

VSA 1250 II



San Prosdocimo Military Cathedral - Padua (Italy)

The Church of San Prosdocimo is of very particular significance as it was the first Military Church to be used by the Italian Ministry of Defence-Army. Built in Padua between the 15th and 17th centuries (original construction on the site, however, dates as far back as 1180), it was modified and extended several times until the early 1800s, when Napoleon's emanations had it adapted and transformed, comprising other places of worship, a bakery and military warehouse. Subsequently, restoration works begun in 1988 with the building rededicated in 1990 and reopened for public worship with its own military chaplain.

The effects of the 2012 earthquake in Emilia made it inaccessible until 2019, when a new and definitive restoration was begun. Inside, as well as housing precious works, such as paintings, sculptures and artistic stained-glass windows, it features an impressive pipe organ, the result of a collaboration between two specialized German companies — Steinmeyer, dealt with the sound and Laukhuff, the console's electric-electronic controls — capable, among other things, of guaranteeing 64 free memory combinations for a performer's personal use.

A feasibility study for implementing the new audio set-up began last autumn, with some given constraints: the use of materials that are reliable over time requiring no specialized assistance for their daily management; a non-invasive layout, but integrated into the architectural features of its location (which, due to its origin and historicity, is protected by the Superintendence of Fine Arts) and providing the possibility to easily host small, selected acoustic music and artistic events.

Four RCF L 2406-T compact 3-way full-range column loudspeakers with controlled directivity were installed. Thanks to highly intelligible voice reproduction combined with excellent music playback quality up to 126 dB max SPL, it is the ideal choice for fixed installations where difficult environment acoustics or architectural constraints limit loudspeaker size and placement. For live music sound reinforcement, where more energy is required for low frequencies, two RCF S 5012 subs with 12" woofers have been made available, placed on the ground laterally at the edge of the presbytery.

Microphones (gooseneck mic for ambo and seat, boundary mic for altar and handheld wireless mic for direct interventions) have been directly connected to a Xilica processor and sent to the RCF DPS 604X and IPS 2700 amplifiers via Dante protocol. As for the "live" part, opposite the altar is the mixer station, consisting of an RCF F12 XR analog mixer, which, connected to the QR1 via optical fiber is used as a pre-mix for the choir microphones hanging from the beams in front of the organ and, if needed, for sound reinforcement of acoustic instruments. The audio installation has been completed by two pairs of RCF MQ 100L loudspeakers (two laterally in the altar area, and two laterally opposite the organ/choir area) for simultaneous monitor listening when the two spaces are at work simultaneously.

Products installed

L 2406T

MQ 100L

S 5012

DPS 604X

IPS 2700

Lugano Cathedral (CH)

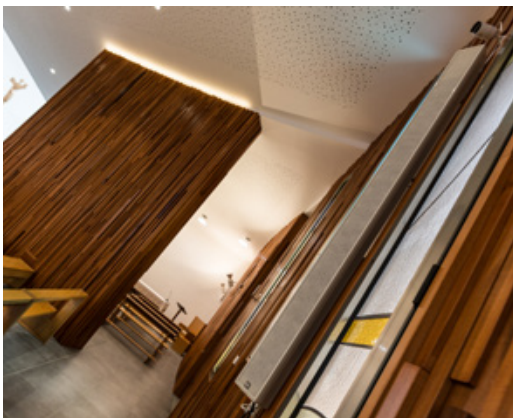
Products installed

VSA 2050 II

VSA 1250 II

TT 051-A II

Santo Spirito Church (IT)



Products installed

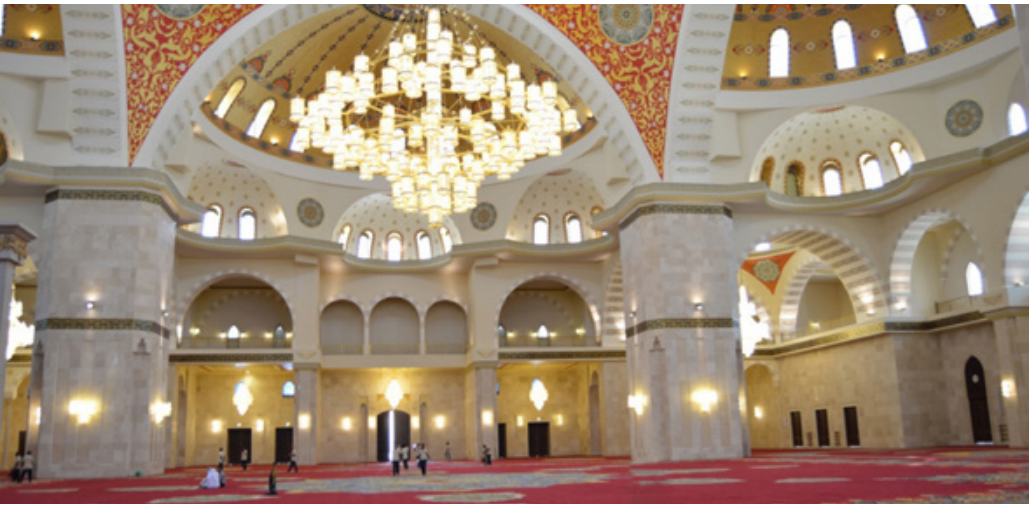
VSA 2050 II

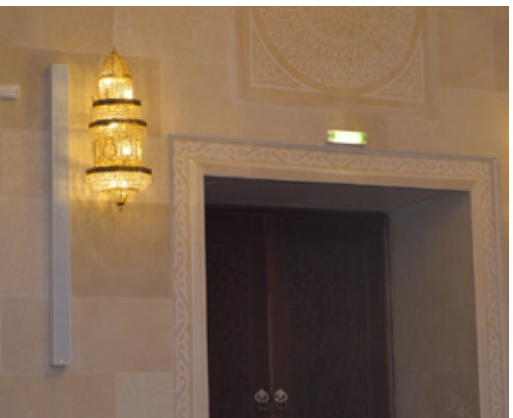
San Joseph Cassina Rizzardi (IT)

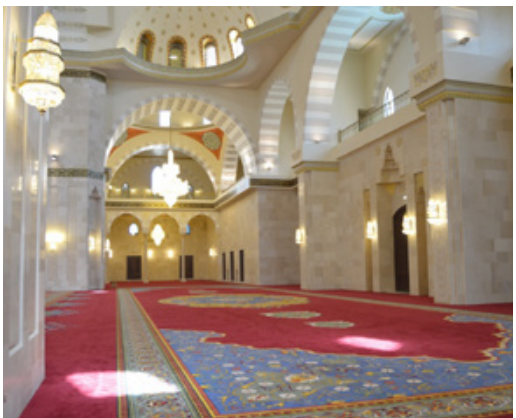
Products installed

VSA 2050 II

The Sheikh Zayed bin Sultan Al Nahyan Mosque (UAE)







Products installed

VSA 2050 II

L 2406T


TW
BC

Tunbridge Wells Baptist Church - Kent (UK)

Tunbridge Wells Baptist Church in Kent, UK, has substantially upgraded its PA with an RCF HDL 26-A ultra-compact active two-way line array. The system was specified and installed by Adlib after the company successfully bid for the full audio-visual contract—including lighting and projection—after the previous system had reached end of life.

Stated Adlib's, Tim Robinson, "The process started back in October 2017 and we have been through several iterations along the way." The quotation they provided not only exceeded the remit for performance but also met the budget, as well as the requirement for a discreet, elegant system, finished in white. After considering various options Robinson was convinced that "the HDL 26-A has provided the church with the best outcome available." He explained, "The acoustic modelling in EASE Focus showed that we could achieve incredibly even SPL and consistent tonal balance throughout the audience, whilst maximising gain before feedback on stage. The availability of the system in white was key to accommodating a system of this size with the interior design."

Each of the two hangs comprises seven HDL 26-A elements, integrated with a pair of flyable HDL 35-AS 15" subwoofers. Despite the loudspeakers being self-powered, there were no practical weight constraints. "Even though they're self-powered, the HDL 26-A system is still lighter than some externally-powered competitors," he confirmed. "The structural engineer had confirmed that there was plenty of capacity in the roof, thanks to the PA being sited directly under a massive concrete beam, so installation with RCF's flying hardware was ideal."

One design criterion was that all LF elements should be flown. "The compatibility between the HDL 35-AS and HDL 26-A made that an easy decision. For practical reasons, it keeps the floor clear and all items out of harm's way; and for acoustic reasons it maximises the efficiency and coherence of the arrays and meant we would not be murdering the front rows with sub."

In addition, the provision of six RCF HD 10-A active two-way wedge monitors provides additional flexibility. "Being self-powered, this provides maximum value to the client because they can be used in different configurations in other parts of the church, redeployed as three stereo PAs," says Robinson, who favours self-powered monitors in multi-use facilities. Finally, a pair of RCF MR 50 have been installed in the foyer, driven from the matrix on the mixer so that it can be run independently.

Finally, he says, the support received from RCF throughout the process was exemplary. "They were always highly communicative, and all components arrived on time from the factory, despite being in the middle of a pandemic."

Worship Team Leader, Jack Beattie agreed. "When I first heard the system it blew me away. The consistency and spread of the sound, and the way in which it remains smooth at both low and high volume, is incredible. I can't recall being inside a venue and noticing the sound being this good. I've also been pleasantly surprised by the monitors, which sound balanced—and whether using in-ears or stage monitors I expect the experience to be on par in terms of clarity."

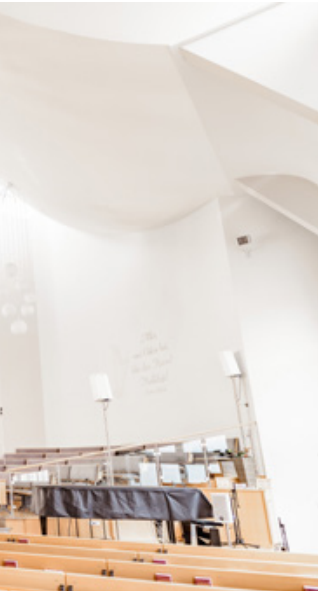
Products installed


HDL 26-A


HD 10-A MK4


HDL 35-AS


MR 50



Evangeliums Christen Baptist - Paderborn (Germany)

The Evangeliums Christen Baptist congregation Paderborn is a congregational chapel which maintains its own house of prayer in the German city. For the audio system renewal the congregation, together with audio service provider Musik Aktiv Musikequipment GmbH from Paderborn, decided on a new HDL series line array system from RCF. Musik Aktiv tested several systems available on the market and decided on the HDL 10-A as the most suitable system for this project. The system was planned and designed by the German department of the RCF Engineering Support Group and installed by the community members themselves.

Frank Schallenberg, owner of Musik Aktiv, on opting for RCF: “For this project, we use RCF because we appreciate the competent support from their sales department. A decisive point we have experienced with many other projects already installed. The RCF engineers are very conscientious and detail-oriented in all they do plus the quality of the components, no matter in which category, is very high. When using RCF equipment, we experience practically no complaints or repairs. If there should be a difficult situation, the flexibility of the RCF team always gives you the feeling you are in good hands.”.

The church’s house of prayer exists since 2004, holds 600 people and is the centre of the church community. The previously installed audio system was outdated and had to be replaced. Therefore the community decided on installing a completely new system using a modern line array from RCF. The HDL 10-A is an active 2-way system and is installed as a stereo full-range line array with 2x9 modules, hanging from the ceiling. Since multicore cabling already existed in the house of prayer, the decision to use RCF’s active HDL 10-A plus the construction work was easy in terms of cabling. The previous system was installed located in the middle of the ceiling. For the new RCF system the team opted for a classic outline with two curves located to the right and left of the stage to achieve better coverage. Special suspensions were installed in the ceiling to mount the line arrays.

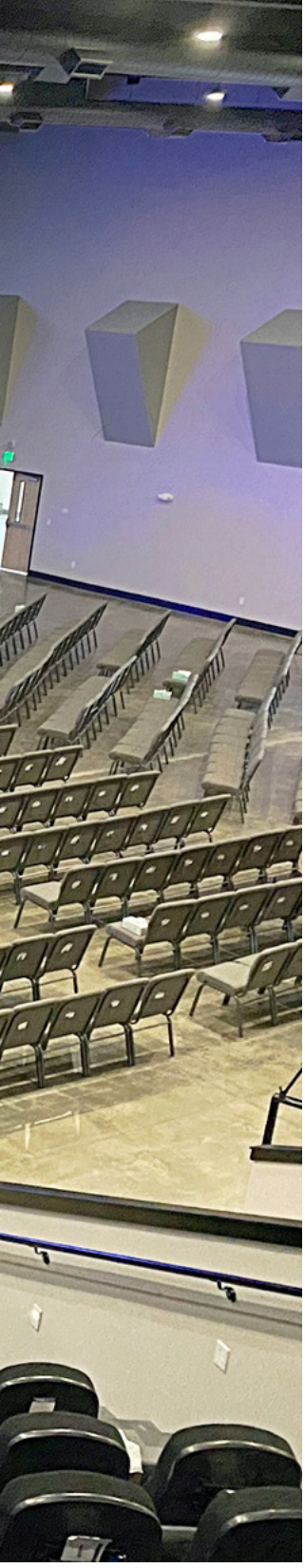
During the liturgy, the congregation stresses particular importance to choral support of the sermon. Therefore, great attention was paid to good audibility and excellent sound characteristics at various positions within the hall. Besides the sermons, choirs, orchestras and further musical contributions are an essential pillar of the services. Furthermore, all sermons are recorded and later made available as audio files for download if parishioners weren’t able to attend. A simultaneous translation of the service in the Russian language is available for the parishioners.

During installation and calibration of the system, structural conditions such as balconies and different surfaces had to be taken into account. In such demanding environments, the HDL 10-A offers many adjustment possibilities regarding radiation angle or coverage – quickly to implement using the RCF Shape Designer. The active 2-way system is extremely reliable, especially in fixed installations, and offers 1400 Watt peak power leveraging the integrated, efficient class D power amplifier.

Products installed

HDL 10-A


Pursuit



Mosaic Church - Nashville (USA)

With over 50 years of ministry and community service, Tabernacle Church, located just outside Nashville, in Clarksville Tennessee, decided in 2017 that to keep up with their tremendous growth, they would undergo a monumental change with a grand new construction project, to reemerge as Mosaic Church—adding 65,000 square feet to their campus, including a 1,500 seat performance space.

When audio and integration firm, Holly Media was asked to oversee the expansion of the performance space, owner Fred Holly, with over 30 years of pro audio experience, led the design effort. “With new dynamics and changing needs, the scope of the ministry has changed—it’s become a new work,” said Holly. “Tabernacle seemed old fashioned. The name didn’t match the demographic of our church because it’s very diverse—and it’s thriving. The new Mosaic Church wanted to reflect that.”

When Holly was referred to RCF and was introduced to Jim Reed [RCF product specialist and system designer] his curiosity was piqued. “When we spoke, Jim said he was willing to demo an RCF TT rig personally, he had my attention.” noted Holly. “I sent him the final room schematic and he returned an EASE drawing, and I was like, ‘when can you come’? [laughs] I was very excited about the possibilities.”

Reed put together a complete system which included: 16 [2x8] TTL 55-A active line array modules, four companion TTS 56-AS active subwoofers, two TT 25-CXA active floor monitors, and four TT 20-CXA active monitors for the stage. For added coverage, Reed also added nine HDL 26-A active line arrays for center and front fills for added coverage.

Upon completion of the installation, RCF product specialist Zachary Anthony was brought in to provide tuning, optimization, and training. “The sound quality from a TT rig is exceptional, and paired with the acoustic treatments, the room is near perfect.” said Anthony. “I stopped turning up at 110db at mix position. Listening to that system is like listening to a giant pair of studio monitors — this room is an absolute pleasure to mix in. I don’t know where you can go to get a better [sound] experience. The performance space at the Mosaic is the best I ever heard. I can’t say that I’ve heard better.”

Products installed

TTL 55-A

TTS 56-A

TT 25-CXA

TT 20-CXA

HDL 26-A

ACTIVE STEERABLE SPEAKERS

Advanced column array speakers with fixed or controllable vertical directivity. Suitable for acoustically critical applications or spaces with architectural constraints.

The VSA II system allows the audio signal to be addressed exactly to the listening area, avoiding the radiation of the acoustic energy to ceilings and empty floors; this eliminates any bad reflections that would affect speech intelligibility, mainly in critical environments with high reverberation. VSA offers a precise directivity and control to give high intelligibility performance with wide frequency response, high-dynamics and coherence at distance. Thanks to the reliable and powerful amplifiers, the accurate speaker design, and the high efficiency of the digital technology, VSA II is able to achieve an extended and stable coverage, preserving at the same time a smooth uniform horizontal coverage.

RDNET

The RCF RDNet is the perfect tool to help you to configure your VSA II system setup in any venues. The software helps to monitor and control all individual speakers with its own DSP setting and to secure the best performance of the system configuration. RDNet is a secure and robust management for small, medium, and arena-sized sound systems as well as complex and extended installations. Based on a proprietary network protocol RDNet provides straightforward monitoring and intuitive control of the RCF audio system down to every connected device/object.

VSA 2050 II **VSA 1250 II** **VSA 850 II**

VSA SMART RC

The VSA-RC is an easy way to control the VSA speakers through the VSA Remote App available on iOS or Android. The following data are configurable on each VSA through the VSA-RC remote control:

- 20 x Class D, 50 W amplifiers (VSA 2050 II)
- 12 x Class D, 50 W amplifiers (VSA 1250 II)
- 12 x Class D, 50 W amplifiers (VSA 850 II)
- 96 dB SPL Max
- 650 W RMS Power
- 1300 W Peak Power
- 100 ÷ 18000 Hz Freq. Range
- Vertical Coverage Beam from 10° to 30°
- Vertical Steering from 0° to –40°
- 20 x 3.5” neo full range speakers (VSA 2050 II)
- 12 x 3.5” neo full range speakers (VSA 1250 II)
- 8 x 3.5” neo full range speakers (VSA 850 II)
- Standard installation accessories included
- Extruded aluminium body

PASSIVE COLUMN SPEAKERS

Two and three-way column array speakers for both speech and music, suitable for acoustically critical applications or with architectural constraints.

CS 6940EN

- 109 dB SPL Max
- 8 x 3” fullrange transducers
- 0.75” dome tweeter
- 40 W RMS Power
- 160 W Peak Power
- Power selectable (100 V): 40-20-10-5-2.5 W
- 140 ÷ 20000 Hz Freq. Range
- 194° x 30° coverage angle
- Thermal fuse protection.
- Protection grade IP66

CS 6520EN

- 105 dB SPL Max
- 4 x 3” fullrange transducers
- 0.75” dome tweeter
- 20 W RMS Power
- 80 W Peak Power
- Power selectable (100 V): 20-10-5-2.5-1.25 W
- 140 ÷ 20000 Hz Freq. Range
- 185° x 47° coverage angle
- Thermal fuse protection.
- Protection grade IP66

MQ 100L

- 112 dB SPL Max
- 2 x 3.5” woofer
- 2 x 3.5” midrange
- 2 x 0.75” dome tweeter
- 80 W RMS Power
- 320 W Peak Power
- Power selectable (100 V): 40-20-10-5 W
- 130 ÷ 20000 Hz Freq. Range
- 180° x 60° coverage angle
- The mounting accessories are included

L 2406T

- 126 dB SPL Max
- 200 W RMS Power
- 800 W Peak Power
- Directivity Index Q: 9
- 100 ÷ 20000 Hz Freq. Range
- 150° x 30° coverage angle
- 4 x 1” Dome Tweeter
- 6 x 5” Woofer
- 2000 Hz Crossover Frequencies
- EUROBLOCK connector

HDL SYSTEM

ACTIVE LINE ARRAY

The HDL System is changing the concept of large format arrays, providing first-class performance to an extended market of professional users.

The HDL System is equipped with modern and innovative technology. Each component has been consistently and specially developed by RCF's experienced engineering teams, carefully matched to each speaker. This complete integration of all elements allows not only superior performance and maximum operational reliability, but also provides users easy installation and plug & play comfort. Having an HDL system gives you the freedom to adapt each system to the location, with powerful software tools for system design and tuning.

THE TRANSDUCERS INNOVATORS

The RCF loudspeaker line incorporates a vast range of transducers covering the entire audio spectrum. We design our transducers to optimize the relationship between the purity of sound, combining the absence of distortion and the ability to withstand high power levels over a long period of time.

HDL 30-A

- 137 dB SPL Max
- 2200 W peak 2-ch amplifier
- 50 ÷ 20000 Hz Freq. Range
- 100° x 15° coverage angle
- 4" neo C.Driver
- 2 x 10" neo Woofer
- 680 Hz Crossover
- FiRPHASE on-board
- RDNet

HDL 28-A

- 135 dB SPL Max
- 2200 W peak 2-ch amplifier
- 50 ÷ 20000 Hz Freq. Range
- 100° x 15° coverage angle
- 3" neo C.Driver
- 2 x 8" neo Woofer
- 750 Hz Crossover
- FiRPHASE on-board
- RDNet

HDL 26-A

- 135 dB SPL Max
- 2000 W peak 2-ch amplifier
- 55 ÷ 20000 Hz Freq. Range
- 100° x 15° coverage angle
- 3" neo C.Driver
- 2 x 6" neo Woofer
- 750 Hz Crossover
- FiRPHASE on-board
- RDNet

HDL 38-AS

- Flyable Sub for the HDL 30-A array
- 136 dB SPL Max
- 3200 W Class-D Amplifier
- 30 ÷ 140 Hz Freq. Response
- 18" Neo Woofer, 4" v.c.
- RDNet

HDL 36-AS

- Flyable Sub for the HDL 28-A array
- 135 dB SPL Max
- 3200 W Class-D Amplifier
- 40 ÷ 140 Hz Freq. Response
- 15" Neo Woofer, 4" v.c.
- RDNet

HDL 35-AS

- Flyable Sub for the HDL 26-A array
- 134 dB SPL Max
- 2200 W Class-D Amplifier
- 40 ÷ 140 Hz Freq. Response
- 15" Neo Woofer, 4" v.c.
- RDNet

PERFECT ISOPHASIC DESIGN

The specially-designed front baffle provides coplanar woofers and controlled LF dispersion for identical left-right coverage. Optimal components arrangement and special DSP algorithms take care of the constant directivity without spots of break up or attenuation. The HDL 4PATH waveguide allows precise coverage while also delivering a superb, linear high-frequency response. The unique shape of the ducts forming the guide creates an ideal isophasic load from the crossover frequency to the highest audible frequencies.

NEW PERSPECTIVE ON LINEARITY

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

HDL 20-A

- 135 dB SPL Max
- 1400 W Peak 2-ch amplifier
- 55 ÷ 20000 Hz Freq. Range
- 100° x 15° coverage angle
- 3” C.Driver
- 2 x 10” Woofer
- 800 Hz Crossover

HDL 6-A

- 131 dB SPL Max
- 1400 W peak 2-ch amplifier
- 65 ÷ 20000 Hz Freq. Range
- 100° x 10° coverage angle
- 1.7” neo C.Driver
- 2 x 6” neo Woofer
- 900 Hz Crossover
- FiRPHASE on-board

HDL 10-A

- 133 dB SPL Max
- 1400 W 2-ch amplifier
- 65 ÷ 20000 Hz Freq. Range
- 100° x 15° coverage angle
- 2.5” neo C.Driver
- 2 x 8” neo Woofer
- 800 Hz Crossover

HDL 12-AS

- Flyable Sub for the HDL 6-A array
- 131 dB SPL Max
- 1400 W Peak power
- 40 ÷ 140 Hz Freq. Response
- 12” Neo Woofer, 3” v.c.

TT+ TOURING AND THEATRE

ACTIVE LINE ARRAY

TT+ High Definition Touring and Theatre is the flagship RCF touring solution for first-class sound reinforcement in live and installed systems, suitable for both music and speech reinforcement in high-end installations.

TT+ systems feature highly advanced digital and analog electronic processing, baltic birch plywood cabinets with heavy-duty finishing, high-quality steel mechanical fittings, and robust powder-coated grilles. TT+ high power Class-D amplifiers offer very low distortion and natural sound with very efficient heat dissipation coupled with low energy consumption. The integration of accurately tuned DSP and advanced proprietary algorithms, such as FiRPHASE 0 degrees phase response and innovative, dynamic woofer excursion control paired with RDNet management software, deliver unmatched results in the audio industry.

POWER AND CONTROL

The TT+ range consists of both powerful active, passive speakers and amplifiers for point-source, vertical, and horizontal deployment with a top of the class sound performance, full weatherproof protection, and maximum scalability. Rider-friendly speakers with low weight, robust and reliable hardware, and efficient remote monitoring and control.

LARGE VENUES

When large scale music applications require absolute precision and clarity, the TT+ sound system is easily scalable, from a few modules to full-size line arrays. The FiRPHASE controlled linearity avoids phase distortion, so the system engineer requires simple time delay alignments for any desired system design.

TTL 55-A

- 143 dB SPL Max
- 3500 W, 4 way
- 50 ÷ 20000 Hz Freq. Range
- 90° x 7° coverage angle
- 3 x 2.5” neo C.Driver
- 10” neo midrange
- 2 x 12” neo Woofer
- 320 ÷ 1300 Hz Crossover Freq.
- FiRPHASE on-board
- RDNet

TTL 33-A II

- 135 dB SPL Max
- 1250 W switching amplifiers
- 60 ÷ 20000 Hz Freq. Range
- 100° x 15° coverage angle
- 3 x 1.5” neo C.Driver
- 8” neo midrange
- 2 x 8” neo Woofer
- 400 ÷ 1800 Hz Crossover Freq.
- FiRPHASE on-board
- RDNet

TTS 56-A

- 145 dB SPL Max
- 2 x 3400 W digital amplifiers
- 35 ÷ 100 Hz Freq. Response
- 2 x 21” high power neo woofers, 4.5’’ v.c
- RDNet

THEATRE SYSTEMS

When large scale music applications require absolute precision and clarity, the TT+ sound system is easily scalable, from a few modules to full-size line arrays. The FiRPHASE controlled linearity avoids phase distortion, so the system engineer requires simple time delay alignments for any desired system design.

HOUSE OF WORSHIP

TT+ systems deliver unique intelligibility, well-defined coverage control, and excellent microphone feedback rejection. From small and medium-sized houses of worship to large community churches, enjoy high definition voice and music at the desired SPL level.

CONCERT HALLS

The least distortion possible at any volume level, paired with complete remote management of every speaker, makes the TT+ the perfect indoor sound system. Enjoy the pinpoint accurate coverage with full dynamic range, from pianissimo to fortissimo, from symphonic music to electronic performances.

STADIUMS AND ARENAS

Whether the venue hosts a live performance or a sport match, TT+ delivers superior vocal coherence with optimal intelligibility. The advanced electro-acoustic design, with extended SPL, can withstand crowd noise with absolute clarity.

TTL 6-A

- 139 dB SPL Max
- 4 x Class D amplifier, 2200 W
- 45 ÷ 20000 Hz Freq. Range
- 90° x 30° coverage angle
- 1.4” neo C.Driver, 3.0” v.c.
- 4 x 6” neo midranges
- 2 x 12” neo woofers
- 200 ÷ 800 Hz Crossover Freq.
- FiRPHASE on-board
- RDNet

TT 25-CXA

- 133 dB SPL Max
- 1100 W Class D Amplifier
- 65 ÷ 20000 Hz Freq. Range
- 60° x 60° coverage angle
- 15” neo coaxial woofer, 3.5” v.c.
- 1.5 “ neo coaxial C.Driver, 2.5” v.c.
- 900 Hz Crossover
- FiRPHASE on-board
- RDNet

TT 20-CXA

- 131 dB SPL Max
- 1000 W Class D Amplifier
- 60 ÷ 20000 Hz Freq. Range
- 90° x 70° coverage angle
- 2 x 8” neo Woofers, 2.5” v.c.
- Horn loaded 1.4” neo C.Driver, 3” v.c.
- 900 Hz Crossover
- FiRPHASE on-board
- RDNet

NETWORKED SOUND SYSTEM MANAGER

RDNet is a robust management network and control platform for small, medium and large arena-sized sound systems, as well as complex and extended installations.

RDNet is the RCF management software suite for Sound System Engineers. A robust management network for RCF devices, a line-array design tool, a monitoring platform, and a complete audio analyzer in one package. RDNet provides intuitive management of every connected device/ object on the network. A network user can control all DSP settings inside any compatible device, including advanced subwoofer configurations, from a single object to a group of objects.

TOOLBOX FOR SOUND SYSTEM DESIGN

RDNet is more than just a speaker management software - you can control parameters and internal routings of multiple RCF devices, such as digital matrixes or amplifiers, both in live or installed applications. Featuring an advanced measurement suite and the ability to save/ recall presets on the cloud, RDNet is the all-in-one solution for both touring and installed sound systems.

STRAIGHT-FORWARD SOUND DESIGN

Shape Designer prediction software enables a two-dimensional acoustic simulation of the array configuration and suggest LF Corrections based on the cluster size. The system curvature angles and sound projection data are computed with maximum sound pressure levels for the given design. The software provides system curvature and weight, system rigging points, and cabinet angles.

MONITOR AND MANAGE

The RDNet Scan function sequentially scans all audio devices, recognizes, assigns digital address labels, and adds devices as objects in the main window. The real-time monitoring features a multitude of parameters such as fan speed, temperature, the inclination of a single speaker, VU Meters, peak levels and more. RDNet takes direct control on the internal EQ and High-Pass filter on each cabinet.

RDNet measures

TAKE ALL APPROPRIATE MEASURES

RDNet Measure is a powerful 4-input Dual-Channel FFT Audio Analyzer able to measure Magnitude, Phase, RTA, Coherence, and Impulse response. Functions included spans from a delay finder, a multiple signal generator, and an integrated SPL meter/logger with calibration tools.

NETWORKED SPEAKER CONTROL

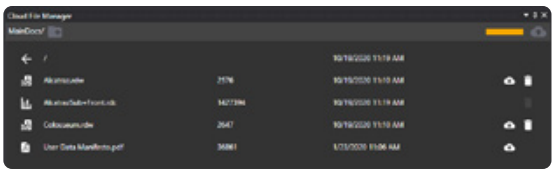
When the RCF sound system is connected via CONTROL 2 or CONTROL 8 interfaces, the system engineer has complete control of time delay and equalization of all speakers, individually or grouped. With its built-in communication board and DSP, each device is an active part of the system, able to store presets, receive commands, and continuously send status information of single components or transducers. Comprehensive monitoring is standard in RDNet: VU metering, clip indicator, limiter intervention, device inclination, communication issues, and much more.

EASY SUBWOOFER CONFIGURATION

Guided subwoofer configurations help the engineer to set up subwoofer Cardioids, Arcs, or EndFire configurations in one pass, while the Bass Shaper fine-tunes the desired timbre on low frequencies. With three slides and a few steps, it's easy to correct low-end behavior, while maintaining tonal balance across the entire system.

GET THE MOST OF YOUR SYSTEM

RDNet gives the ability to control devices in Groups for easy supervision. Arrays customizable Group properties are Zones, Air Compensation, Cluster Size, FiRPHASE Gain. When assigning Group Array objects in Zones: every Zone has its color for quick reference of set parameters. An incremental control shapes the Air Absorption Compensation, which can be very useful with changes in humidity or temperature (e.g., soundcheck on a sunny day, concert on a humid night). The line array's low-mid shaping is automatically calculated on the Cluster size to obtain the perfect linear frequency response from the entire system.



TRAVEL LIGHT ON CLOUDS

You don't need your personal computer anymore. Simply connect any computer to the Internet, sign-in to your account, and you are ready to go with a complete set of audio tools for your RCF audio system. You can also save and recall your projects and measurements.

COMPACT SERIES

TWO-WAY PASSIVE SPEAKERS

The Compact Series is a full range extremely versatile wide-dispersion, two-way loudspeaker system offering substantial power and efficiency for several professional applications.

The Compact Series is a powerful and highly advanced range of passive near-field two-way direct radiating loudspeaker systems based on CMD - Coverage Matched Design technology, designed to guarantee a smooth transition between high frequency horns and low frequency transducers directivity. Featuring several mounting points and handles it simplifies permanent install applications.

EASY RIGGING

The cabinet is made of Baltic birch (heavy duty painted) and allow different installation options, as it is equipped with top and bottom 'Multiplates' for either wall or suspended mounting with chains.

Installation points are available on its rear panel as well. The steel front grille is protected with a double layer polyurethane fabric. The front RCF logo is easily rotatable.

COMPACT C 5215/5212 SERIES

- 500 W RMS Power
- 2000 W Peak Power
- 48 ÷ 20000 Hz Freq. Range (C 5215 SERIES)
- 54 ÷ 20000 Hz Freq. Range (C 5212 SERIES)
- 2.5" C. Driver
- 15" Woofer (C 5215 SERIES)
- 12" Woofer (C 5212 SERIES)
- Crossover 1.2 kHz

CONNECTORS

Connections are made through two Neutrik Speakon NL4 connectors (audio input and parallel link output).

HIGH FREQUENCY

The hi-frequency transducer is a 1.4" RCF PRECISION compression driver with a 2.5" voice coil for smooth, wide dispersion.

LOW FREQUENCY

The low-frequency transducer is an RCF PRECISION woofer with a 3" voice coil.

C 5215-99
- 133 dB SPL Max
- Direc. Index Q: 11
- 90° x 90° CMD

C 5215-96
- 133 dB SPL Max
- Direc. Index Q: 12
- 90° x 60° CMD

C 5215-94
- 133 dB SPL Max
- Direc. Index Q: 14
- 90° x 40° CMD

C 5215-66
- 134 dB SPL Max
- Direc. Index Q: 20
- 60° x 60° CMD

C 5215-64
- 134 dB SPL Max
- Direc. Index Q: 20
- 60° x 40° CMD

C 5212-99
- 132 dB SPL Max
- Direc. Index Q: 13
- 90° x 90° CMD

C 5212-96
- 132 dB SPL Max
- Direc. Index Q: 13
- 90° x 60° CMD

C 5212-94
- 132 dB SPL Max
- Direc. Index Q: 13
- 90° x 40° CMD

C 5212-66
- 133 dB SPL Max
- Direc. Index Q: 16
- 60° x 60° CMD

C 5212-64
- 133 dB SPL Max
- Direc. Index Q: 16
- 60° x 40° CMD

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.

COMPACT C 3110/3108 SERIES

- 500 W RMS Power
- 2000 W Peak Power
- 67 ÷ 20000 Hz Freq. Range (C 3110 SERIES)
- 70 ÷ 20000 Hz Freq. Range (C 3108 SERIES)
- 1.5” C. Driver
- 10” Woofer (C 3110 SERIES)
- 8” Woofer (C 3108 SERIES)
- Crossover 2 kHz

HIGH FREQUENCY

The hi-frequency transducer is a 1” RCF PRECISION compression driver with a 1.5” voice coil for smooth, wide dispersion.

LOW FREQUENCY

The low-frequency transducer is an RCF PRECISION woofer with a 2” voice coil.

CONNECTORS

Connections are made through two Neutrik Speakon NL4 connectors (audio input and parallel link output).

C 3110-126

- 128 dB SPL Max
- Direc. Index Q: 9
- 120° x 60° CMD

C 3110-96

- 128 dB SPL Max
- Direc. Index Q: 11
- 90° x 60° CMD

C 3108-126

- 126 dB SPL Max
- Direc. Index Q: 9
- 120° x 60° CMD

C 3108-96

- 126 dB SPL Max
- Direc. Index Q: 10
- 90° x 60° CMD

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.

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.

OPTIMAL SOUND PERFORMANCE

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

ENGAGE YOUR CUSTOMERS

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

COMPACT M 12

- 129 dB SPL Max
- 300 W RMS Power
- 1200 W Peak Power
- Directivity Index Q: 9
- 55 ÷ 20000 Hz Freq. Range
- 90° x 70° coverage angle
- 1.4" C. Driver
- 12" Woofer
- 1800 Hz Crossover Frequencies
- 4 pole EUROBLOCK connector

COMPACT M 10

- 128 dB SPL Max
- 300 W RMS Power
- 1200 W Peak Power
- Directivity Index Q: 9
- 60 ÷ 20000 Hz Freq. Range
- 90° x 70° coverage angle
- 1.4" C. Driver
- 10" Woofer
- 1800 Hz Crossover Frequencies
- 4 pole EUROBLOCK connector

COMPACT M 08

- 128 dB SPL Max
- 200 W RMS Power
- 800 W Peak Power
- Directivity Index Q: 9
- 60 ÷ 20000 Hz Freq. Range
- 90° x 70° coverage angle
- 1.4" C. Driver
- 8" Woofer
- 1800 Hz Crossover Frequencies
- 4 pole EUROBLOCK connector

WIDE COVERAGE, ELEGANT DESIGN

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

THE TRANSDUCERS INNOVATORS

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

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.

COMPACT M 06

- 116 dB SPL Max
- 100 W RMS Power
- 400 W Peak Power
- Directivity Index Q: 7
- 60 ÷ 20000 Hz Freq. Range
- 120° x 80° coverage angle
- 1.3” Neo Dome Tweeter
- 6” Woofer
- 2200 Hz Crossover Frequencies
- 4 pole EUROBLOCK connector

COMPACT M 05

- 115 dB SPL Max
- 80 W RMS Power
- 320 W Peak Power
- Directivity Index Q: 7
- 70 ÷ 20000 Hz Freq. Range
- 120° x 80° coverage angle
- 1.3” Neo Dome Tweeter
- 5” Woofer
- 2200 Hz Crossover Frequencies
- 4 pole EUROBLOCK connector

COMPACT M 04

- 110 dB SPL Max
- 60 W RMS Power
- 240 W Peak Power
- Directivity Index Q: 6
- 90 ÷ 20000 Hz Freq. Range
- 120° x 120° coverage angle
- 1” Neo Dome Tweeter
- 4” Woofer
- 3000 Hz Crossover Frequencies
- 4 pole EUROBLOCK connector

MONITOR SERIES

TWO-WAY PASSIVE SPEAKERS

Bass-reflex two-way speaker designed to deliver uncompromised audio performance and high reliability in fixed installations.

Housed in self-extinguishing plastic, the MR series is designed to deliver uncompromising audio performance and reliability in fixed installations. MR speakers blend in with any environment and deliver deep bass, smooth midrange, and finely-detailed high-frequency response. Quality components and careful acoustic design make the MR series a perfect choice for applications such as speech and music reproduction

UNCOMPROMISED PERFORMANCE

Quality components and careful acoustic design make the MR series a perfect choice for applications such as speech and music reproduction in all A/V applications. Designed for easy installation into bars and restaurants, leisure hospitality, recreational facilities, theme parks, shopping malls or audio monitoring facilities.
All models use purpose-designed 1" voice coil woofers and 0.8" voice coil dome tweeters, combined with RCF Low Inductance Compensated Crossover (LICC) to assure exceptional audio performance and long-term reliability.

MR 50

- 110 dB SPL Max
- 60 W RMS Power
- 240 W Peak S Power
- 60 ÷ 20000 Hz Freq. Range
- 3000 Crossover Freq.
- 110° x 100° coverage angle
- 1" Neo Dome Tweeter
- 5" Woofer

MR 40

- 108 dB SPL Max
- 40 W RMS Power
- 160 W Peak S Power
- 70 ÷ 20000 Hz Freq. Range
- 3000 Crossover Freq.
- 110° x 100° coverage angle
- 1" Neo Dome Tweeter
- 4" Woofer

VERSATILE SOUND

Elegant and discreet design, combined with an excellent audio performance, represent the RCF sound. MR speakers are ideal both for speech and music reproduction in any business and A/V application and deliver deep bass, smooth midrange, and finely-detailed high-frequency response.

SMOOTH INSTALLATION

Housed in self-extinguishing plastic, the MR series delivers uncompromising audio performance and reliability in fixed installations where the speakers would blend into any environment. MR speakers are easy to install, with included and optional accessories to increase installation flexibility for wall mounting.

CONSTANT VOLTAGE SPEAKERS (T VERSION)

Constant-voltage speaker systems, also called high impedance or 70V/100V audio distribution systems, refer to networks of loudspeakers equipped with line transformers connected to an audio amplifier with high impedance output. This approach offers several advantages such as:

- High voltage (70V or 100V) enables long cable runs between amp and speakers with reduced power loss: low level current allows smaller cable diameters
- Speakers can be wired in parallel in large number, limited only by available amplifier power
- Different speaker types with different power requirements can share the same speaker line simultaneously making the system-wiring easie
- Adding or removing a speaker is very quick and simple, it does not require to re-wire the overall circuit

MR 50T

- 110 dB SPL Max
- 60 W RMS Power
- 240 W Peak S Power
- 60 ÷ 20000 Hz Freq. Range
- 3000 Crossover Freq.
- 110° x 100° coverage angle
- 1” Neo Dome Tweeter
- 5” Woofer

MR 40T

- 108 dB SPL Max
- 40 W RMS Power
- 160 W Peak S Power
- 70 ÷ 20000 Hz Freq. Range
- 3000 Crossover Freq.
- 110° x 100° coverage angle
- 1” Neo Dome Tweeter
- 4” Woofer

ACTIVE SUBWOOFERS

The low-frequency matching complement for RCF professional speakers feature 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.

TOP END ELECTRONICS

Amplifiers integrate low-noise DSP circuits, controlled through the RCF proprietary RDNet network to easily handle the soft clipping limiters, RMS limits, polarity, amplitude, timing, and equalization. All settings, monitoring, and advanced features are available inside the RDNet Networked Management software. The control panel on the back allows multiple operations such as input sensitivity, Low Cut, Xover, volume, bypass, delay, and presets selection. The amplifier houses on a unique Vibrostop floating aluminum panel for extra protection.

STURDY CABINETS

All cabinets are made of high-quality birch plywood with weatherproof treatment. The subs are stackable and lightweight for an easy set-up and tear down. The heavy-duty coating and the cabinet's rugged structure withstand long-term use—separate housing for the amplifier guarantees component efficiency and reliability.

HIGH PERFORMANCE HYPERVENTED WOOFERS

RCF manufactures these components to deliver the cleanest, punchiest, and undistorted low-frequency reproduction. RCF engineers have developed a unique internal ventilation system with very low power compression to dissipate the powerful voice coil's heat. The Hyper Vented System results from a complex combination of ventilation ducts in the voice coil former, in the magnetic structure, and in the woofer's basket. Also, the demodulation rings reduce the harmonic and intermodulation distortion associated with the voice coil displacement and, as input current varies, the system inductance is more linear. RCF Precision cones are water-resistant.

SUB 9006-AS

- 142 dB max SPL
- 7200 W Peak power
- 2 x 18" Woofer
- 30 ÷ 400 Hz Freq. Response
- RDNet

SUB 9004-AS

- 136 dB max SPL
- 2800 W Peak power
- 18" Neo Woofer
- 30 ÷ 400 Hz Freq. Response
- RDNet

SUB 8006-AS

- 137 dB max SPL
- 5000 W Peak power
- 2 x 18" Woofer
- 30 ÷ 120 Hz Freq. Response
- Compatible with HD 20-A

SUB 8005-AS

- 137 dB max SPL
- 2500 W Peak power
- 21" Woofer, 4.5" v.c.
- 27 ÷ 120 Hz Freq. Response
- Compatible with NXL 24-A

SUB 8004-AS

- 136 dB max SPL
- 2500 W Peak power
- 18" Woofer, 4" v.c.
- 30 ÷ 120 Hz Freq. Response
- Compatible with NXL 24-A

SUB 8003-AS II

- 135 dB max SPL
- 2200 W Peak power
- 18" Woofer, 4.0" v.c.
- 35 ÷ 120 Hz Freq. Response

PASSIVE SUBWOOFERS

Highly efficient design, various configurations, particularly well-suited matching subwoofer in high-quality sound systems for clubs, bars and cafes, theatres, multimedia, and corporate A/V applications.

POWERFUL LOWS

RCF subwoofers are the first choice of many sound engineers, due to their very high SPL levels at very low frequencies, smaller dimensions compared to the competitors, and impressive size/weight to SPL output ratio. Your audience will enjoy an engaging immersive musical experience.

MULTIPURPOSE SOUND

Elegant design aesthetic, multiple formats and RCF signature sound quality that allows to deliver a supreme audio experience in any application, from restaurant and retail shops to clubs, corporate spaces and venues.

S 8028 II

- 141 dB SPL Max
- 3000 W RMS Power
- 12000 W Peak Power
- 30 ÷ 200 Hz Freq. Range
- 2 x 18” Woofer

S 8018 II

- 137 dB SPL Max
- 1500 W RMS Power
- 6000 W Peak Power
- 30 ÷ 200 Hz Freq. Range
- 18” Neo Woofer

S 8015 II

- 133 dB SPL Max
- 1500 W RMS Power
- 6000 W Peak Power
- 35 ÷ 200 Hz Freq. Range
- 15” Neo Woofer

S 8015LP

- 135 dB SPL Max
- 800 W RMS Power
- 3200 W Peak Power
- 43 ÷ 250 Hz Freq. Range
- 15” Woofer

S 12

- 125 dB SPL Max
- 400 W RMS Power
- 1600 W Peak Power
- 40 ÷ 200 Hz Freq. Range
- 12” Woofer

S 10

- 124 dB SPL Max
- 400 W RMS Power
- 1600 W Peak Power
- 45 ÷ 200 Hz Freq. Range
- 10” Woofer

PART NUMBERS

COLUMN SPEAKERS

PRODUCT	Colour	220-240V	115V	-
VSA 2050 II	White	13100022	13100023	-
VSA 2050 II B	Black	13100053	13100054	-
VSA 2050 II	Custom	13100024	13100031	-
VSA 1250 II	White	13100025	13100026	-
VSA 1250 II B	Black	13100055	13100056	-
VSA 1250 II	Custom	13100027	13100032	-
VSA 850 II	White	13100028	13100029	-
VSA 850 II B	Black	13100057	13100058	-
VSA 850 II	Custom	13100030	13100033	-
CS 6940EN	White	-	-	13100005
CS 6520EN	White	-	-	13133079
MQ 100L W	White	-	-	13000187
MQ 100L B	Black	-	-	13000186
L 2406T W	White	-	-	13000177
L 2406T	Black	-	-	13000169

HDL SYSTEMS

PRODUCT	Colour	90-240V	220-240V	115V
HDL 30-A	Black	13000511	-	-
HDL 38-AS	Black	13000580	-	-
HDL 28-A	Black	13000579	-	-
HDL 28-A W	White	13000605	-	-
HDL 36-AS	Black	13000583	-	-
HDL 26-A	Black	13000588	-	-
HDL 26-A W	White	13000606	-	-
HDL 35-AS	Black	13000575	-	-
HDL 35-AS W	White	13000664	-	-

HDL SYSTEMS

PRODUCT	Colour	90-240V	220-240V	115V
HDL 20-A	Black	-	13040007	13040008
HDL 10-A	Black	-	13040016	13040017
HDL 10-A W	White	-	13040022	13040023
HDL 6-A	Black	-	13000496	13000509
HDL 6-A W	White	-	13000514	13000515
HDL 12-AS	Black	-	13000505	13000510
HDL 12-AS	White	-	13000532	13000533

TT+ TOURING AND THEATRE

PRODUCT	Colour	90-240V	220-240V	115V
TTL 55-A	Black	-	13000188	13000189
TTL 33-A II	Black	-	13000360	13000361
TTS 56-A	Black	13000190	-	-
TTL 6-A	Black	-	13000475	13000476
TT 25-CXA	Black	-	13000448	13000449
TT 20-CXA	Black	-	13000544	13000560

COMPACT SERIES

PRODUCT	Colour	8 OHM	16 OHM	100V
C 5215-99	Black	13000313	-	-
C 5215-96	Black	13000311	-	-
C 5215-94	Black	13000309	-	-
C 5215-66	Black	13000312	-	-
C 5215-64	Black	13000310	-	-
C 5212-99	Black	13000308	-	-
C 5212-96	Black	13000306	-	-
C 5212-94	Black	13000304	-	-
C 5212-66	Black	13000307	-	-

COMPACT SERIES

PRODUCT	Colour	8 OHM	16 OHM	100V
C 5212-64	Black	13000305	-	-
C 3110-126	Black	13000284	-	-
C 3110-96	Black	13000283	-	-
C 3108-126	Black	13000282	-	-
C 3108-96	Black	13000281	-	-

COMPACT M SERIES

PRODUCT	Colour	8 OHM	-	-
COMPACT M 12	Black	13000596	-	-
COMPACT M 12 W	White	13000724	-	-
COMPACT M 10	Black	13000595	-	-
COMPACT M 10 W	White	13000723	-	-
COMPACT M 08	Black	13000594	-	-
COMPACT M 08 W	White	13000722	-	-
COMPACT M 06	Black	13000582	-	-
COMPACT M 06 W	White	13000721	-	-
COMPACT M 05	Black	13000581	-	-
COMPACT M 05 W	White	13000720	-	-
COMPACT M 04	Black	13000623	-	-
COMPACT M 04 W	White	13000725	-	-

MONITOR SERIES

PRODUCT	Colour	8 OHM	16 OHM	100V
MR 50	Black	13100038	-	-
MR 50 W	White	13100040	-	-
MR 50T	Black		-	13100039
MR 50T W	White		-	13100041
MR 40	Black	13100034	-	-
MR 40 W	White	13100036	-	-

MONITOR SERIES

PRODUCT	Colour	8 OHM	16 OHM	100V
MR 40T	Black			13100035
MR 40T W	White			13100037

ACTIVE SUBWOOFERS

PRODUCT	Colour	90-240V	220-240V	115V
SUB 9006-AS	Black	13000494	-	-
SUB 9004-AS	Black	13000546	-	-
SUB 8006-AS	Black	-	13000372	13000373
SUB 8005-AS	Black	-	13000422	13000423
SUB 8004-AS	Black	-	13000392	13000393
SUB 8003-AS II	Black	-	13000432	13000433

PASSIVE SUBWOOFERS

PRODUCT	Colour	-	-	-
S 8028 II	Black	13000391	-	-
S 8018 II	Black	13000390	-	-
S 8015 II	Black	13000398	-	-
S 8015LP	Black	13000168	-	-
S 12	Black	13000618	-	-
S 10	Black	13000617	-	-

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Note to specifications: audio power data refers to peak power

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