



REFERENCE PROJECTS





RCF is a leading technology brand of professional audio equipment, loudspeakers, 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 Hi-Fi/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 and meets the most demanding requirements of musicians, sound engineers, architects, and system integrators.

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 electronic leading-edge solutions. RCF is always at the forefront of technologies and materials research, providing tools, documentation, technical support, and training to help professionals deliver optimized sound to the listener. RCF has always shared the experience and knowledge of its engineers in training activities for all audio professionals and enthusiasts. The internal support engineering team is on hand to assist architects, system designers, or integrators during the design and customization of complex systems.

The solid technical expertise, built on more than 75 years of history, the modern Italian manufacturing facility, and the continuous technological refinement set RCF as a fundamental reference for all audio professionals and enthusiasts. RCF can be found everywhere, in concert venues, recording studios, airports, conference halls, discotheques, public spaces, clubs, cruises, or in the hands and houses of countless musicians. 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 130 trusted distributors throughout the rest of the world.





# MUSEUMS AND EXHIBITION CENTERS

## **Trsat Crypt is one of Croatia's most treasured historic sites - Rijeka (Croatia)**

As part of the Underground Rijeka project, the Tourist Board wanted to renovate the castle's offerings, creating an immersive multimedia experience in the crypt area that would engage visitors and transport them back in time. They brought in integration firm LAV Projekt to design and install an audio solution that would complement the new interpretive approach.

LAV Projekt opted to use RCF speakers throughout the installation. "We needed high-quality, flexible speakers that could be easily mounted in the protected interior spaces, without damaging or drilling walls," said Patricio Valenta of LAV Projekt. "With their high audio quality, their vast range of mounting options and versatility, RCF Business Music speakers range was a perfect choice."

The crypt area was divided into three distinct zones, each focused on a different aspect of the castle's and crypt history and legends. In the first chamber, covering the general history of Trsat, six RCF WMR 50T compact two-way speakers were installed. The versatile WMR 50Ts delivered impressive output and pristine voice reproduction thanks to their precision-engineered components.

According to Valenta, "The WMR 50Ts were easy to mount using both standard and custom brackets, and the sound quality exceeded our expectations. RCF gave us studio-grade audio in a very discrete, adaptable enclosure." In the second chamber, another set of WMR 50Ts was used along with two larger WMR 60Ts. The final chamber was designed as an immersive culmination of the experience, with projections and two more WMR 50Ts providing localized audio.

Powering the system are two RCF DMA 162P amplifiers, chosen for their advanced processing and system control capabilities. All the components are connected via a Xilica A0808 digital processor for general system control.

"Throughout the whole installation, the RCF speakers performed flawlessly," Valenta remarked. "The client wanted an audio solution that would match the stunning visuals, and RCF delivered. The crypt truly came alive with sound."





# MUSEUMS AND EXHIBITION CENTRES

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<b>CROATIA</b>	Rijeka	TRSAT CRYPT
<b>FRANCE</b>	Douai	FOIRE EXPOSITION RÉGIONALE
<b>GERMANY</b>	Erfurt	MESSE
<b>ITALY</b>	Milan	EXPO MILAN 2015
	Milan	NOVECENTO MUSEUM
	Milan	ARMANI MUSEUM
	Milan	THE MUSEUM OF SCIENCE AND TECHNOLOGY OF MILAN
	Milan	NATIONAL MUSEUM OF SCIENCE AND TECHNOLOGY
	Altamura	MUSEO ARCHEOLOGICO DI ALTAMURA
	Modena	PAVAROTTI'S HOME MUSEUM
	Florence	CATHEDRAL MUSEUM
<b>JORDAN</b>	Amman	ROYAL TANK MUSEUM
<b>LEBANON</b>	Beirut	MIM MUSEUM
<b>MALAYSIA</b>	Kuala Lumpur	NATIONAL SCIENCE CENTRE
<b>NORWAY</b>	Bergen	MEDIA CITY BERGEN
<b>PORTUGAL</b>	Lisbon	MUSEU DO DINHEIRO - MONEY MUSEUM
	Vila Franca de Xira	CELEIRO PATRIARCAL MUSEUM
	Seia	MUSEU DO PÃO - BREAD MUSEUM
<b>SOUTH KOREA</b>	Jeju	JEJU AEROSPACE MUSEUM
<b>SPAIN</b>	Avila	IGLESIA SAN JUAN BAUTISTA
<b>THAILAND</b>	Bangkok	WORLD TRADE CENTER
<b>TURKEY</b>	Istanbul	DARUSSAFAKA COLLEGE
<b>UK</b>	Waddesdon	WADDES DON MANOR
<b>USA</b>	Bowling Green, KY	CORVETTE MUSEUM
	Milwaukee, WI	HARLEY DAVIDSON MUSEUM





# AIRPORTS, RAILWAYS, METROS AND TRANSPORT INFRASTRUCTURES

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<b>ANGOLA</b>	Uige	AEROPORTO MANUEL QUARTA PUNZA
	Luanda	DOMESTIC DEPARTURES TERMINAL
	Namibe	NAMIBE AIRPORT
<b>GREECE</b>	Athens	KALLITHEA METRO
<b>ITALY</b>	Ancona	FALCONARA MARITTIMA
	Bari	FERROVIE BARI NORD
	Bergamo	ORIO AL SERIO
	Brindisi	AEROPORTO DEL SALENTO
	Catania	FONTANAROSSA
	Catanzaro	SANT'EUFEMIA
	Florence	PERETOLA
	Foggia	AMENDOLA
	Milan	LINATE
	Milano	NEW TERMINAL FS AEROPORTO MALPENSA
	Mont Blanc	MONT BLANC SKYWAY
	Napoli, Benevento, Avellino	ENTE AUTONOMO VOLTURNO RAILWAYS (20 STATIONS)
	Palermo	AEROPORTO PALERMO - PUNTA RAISI
	Parma	GIUSEPPE VERDI
	Pisa	SAN GIUSTO
Rome	LEONARDO DA VINCI INTERNATIONAL AIRPORT - FIUMICINO	
Venice	MARCO POLO	
<b>MOROCCO</b>	Casablanca	CASABLANCA MOHAMMED V
<b>PORTUGAL</b>	Lisbon	HUMBERTO DELGADO AIRPORT
<b>UAE</b>	Abu Dhabi	INTERNATIONAL AIRPORT TERMINAL 3
	Dubai	DUBAI WORLD CENTRAL
	Fujairah	INTERNATIONAL AIRPORT
	Ras Al Khaimah	INTERNATIONAL AIRPORT
<b>UK</b>	London	HEATHROW
	Liverpool	JOHN LENNON
	Aberdeen	ABERDEEN
	London	GATWICK
	Manchester	MANCHESTER
<b>TURKEY</b>		RAILWAY COACHES "1 CLASS"
	Istanbul	KADIKOY / KARTAL METRO





# CONFERENCE ROOMS AND CONVENTION HALLS

## **Bora Headquarters - Raubling (Germany)**

Raubling, Germany - BORA, the company that invented the cooktop extractor systems for kitchens in private homes and restaurants, recently moved into its new office building in Raubling, Bavaria. The building's remodelling was assigned after finding a winning architect with an architectural competition. The building was completely rebuilt with resource-saving construction in mind, an intelligent façade was constructed, and a 9th floor was added. On the top floor, a multifunctional room was integrated, which also functions as a staff canteen. BORA uses the space for product presentations, but external companies use it for their purposes as well. To give the room the sound possibilities and maximise its diverse usage, BORA founder Willi Bruckbauer and the installation company Musik Mayer GmbH & Co KG from Aiging in Chiemgau (Germany) decided on a sound system from RCF.

The system delivers excellent performance for background sound in everyday lunchtime operations and party/band sound in the performance range. Quite unusual but induced by the events taking place, a compact line array system consisting of 2x4 HDL 26-A components was permanently installed in the ceiling. Further 2x2 HDL 26-A components, also mounted in the ceiling, serve as a delay array. 3x TTS 15-A subwoofers (frontal) are used as bass clusters. All RCF components are perfectly matched and work seamlessly together. The system is monitored via RCF's RDNet system.

BORA Managing Director Willi Bruckbauer comments on the top location and the sound equipment being used: "Our requirement for the PA system for the BORA "Hälzyba" on the ninth floor was multifunctional usability: RCF's PA systems promise perfect, clear sound both during staff lunchtimes and in support of product presentations and events. They already demonstrated their capabilities during our Inspiration Days in June. And before that, the sound machine had already generated enthusiasm at our Christmas party. Another important fact; the design meets our demand for excellent style. All in all, that's why we are currently equipping another room with an RCF system." Rupert Meyer from Musik Mayer is also pleased with the successful integration: "Every time I visit BORA, I am always pleased with the system. It is very present in the background (at minimum volume) when the employees are having lunch. Even at these low input levels, there is no background noise or anything like that. At occasional parties with small bands or DJs, the system is working with definitely more power, but even at high sound levels, it sounds very balanced and unaggressive."

# CONFERENCE ROOMS AND CONVENTION HALLS

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<b>BELGIUM</b>	Eupen	PARLIAMENT OF THE GERMAN-SPEAKING COMMUNITY
<b>BOSNIA AND HERZEGOVINA</b>	Banja Luka	ACADEMY OF SCIENCE
	Sarajevo	CITY HALL AND NATIONAL LIBRARY
<b>FRANCE</b>	Béthune	SALLE OLOF PALME
	Bruz	HALLE PAGNOL
	Douai	DOUAI CONVENTION CENTER
<b>GERMANY</b>	Bremen	SITZUNGSSAAL IHK
	Bad Berka	ZENTRAKLINIKUM
	Brühl	PHANTASIALAND
	Erfurt	CHRISTOPHORUS WERK
	Erfurt	MESSE
	Erfurt	KINDER & MEDIENZENTRUM
	Erfurt	LANDGERICHT
	Erfurt	GEDENK UND BILDUNGSSTÄTTE
	Mannheim	BGHW
	Nordwest	SANDERBUSCH KRANKENHAUS
	Raubling	BORA
	Seebach	KULTURHAUS
	Saarbrücken	SCHLOSS
	Saarlouis	STADTVERWALTUNG
Witterda	GEMEINDEHAUS	
<b>GREECE</b>	Athens	ASEP SUPREME COUNCIL
	Athens	MAXIMUM MANSION
	Salonicco	UNIVERSITY OF SALONICCO
	Nikaia	CITY HALL
<b>ITALY</b>	Bari	FIERA DEL LEVANTE
	Rome	MINISTRY OF THE INTERIOR
	Rome	SUPREME COURT OF APPEAL
	Turin	TURIN UNIVERSITY
	Pescara	PROVINCE HALL
	Mantova	CITY HALL
	Parma	PROVINCE HALL
	Taormina	CITY HALL
	Tortona	CITY HALL

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<b>ITALY</b>	Fermo	CITY HALL
	Molfetta	CITY HALL
	Trapani	CITY HALL
	Messina	CITY HALL
	Valle Rovereto	CITY HALL
	San Benedetto del Tronto	CITY HALL
	Porto Sant'Elpidio	CITY HALL
<b>JORDAN</b>	Amman	PEPSICO
	Amman	JORDAN DUBAI ISLAMIC BANK
	Amman	NATIONAL CENTER FOR CURRICULUM DEVELOPMENT
	Amman	JORDAN UNIVERSITY
	Aqaba	AQABA PORTS CORPORATION
<b>MALAYSIA</b>	Kuala Lumpur	KEMENTERIAN PERDAGANGAN ANTARABANGSA DAN INDUSTRI (MITI)
	Johor	MAJLIS BANDARAYA JOHOR BAHRU (MBJB)
	Terengganu	PUSAT PENTADBIRAN KUALA NERUS
	Kuala Lumpur	JAKIM - PUTRAJAYA
<b>NETHERLANDS</b>	Amsterdam	VERENIGING ONS SURINAME
<b>NORWAY</b>	Bodø	SCANDIC HOTEL HAVET
	Tromsø	SCANDIC HOTEL ISHAVET
<b>PAKISTAN</b>	Islamabad	DEPT. OF FOREIGN AFFAIRS
<b>PORTUGAL</b>	Fatima	CENTRO PASTORAL PAULO VI
	Vila Franca de Xira	NOBLE HALL OF VILA FRANCA DE XIRA CITY HALL
	Lisboa	SIEMENS PORTUGAL (MEETING ROOMS)
	Algés	L'OREAL PORTUGAL (AUDITORIUM, LOOBY AND CONFERENCE ROOMS)
	Lisboa	CENTRO DE CONGRESSOS SANA MYRIAD CRYSTAL CENTER
<b>SLOVAK REPUBLIC</b>	Dunajská Streda	DISTRICT COURT
<b>SOUTH KOREA</b>	Gyeonggi-do	HEYRI ART VILLAGE
	Seoul	OFFICE OF THE SOUTH-NORTH DIALOGUE
	Suwon	SUWON SCHIENCE COLLEGE SINTEX CONVENTION CENTER
	Suwon	SEMINAR ROOM OF SINTEX
<b>UK</b>	Trowbridge	COUNTY HALL
	Newport - South Wales	INTERNATIONAL CONVENTION CENTRE WALES
	Newcastle-upon-Tyne	PALACE OF ARTS



Ospedale San Gerardo

# HOSPITALS

## **Saint Gerardo Hospital – Monza (Italy)**

The San Gerardo Hospital of Monza, one of the most prestigious health facilities in northern Italy, has undergone an important strengthening intervention. An articulated expansion project with new buildings and renovation of the existing buildings, are aimed to provide a radical modernization and technological update. The redevelopment includes a complex RCF project for EN54-compliant fire evacuation systems and vocal announcements.

The work, for a total amount of over 200 million euros, brings the total surface of the hospital structure to approximately 196,000 sqm; given the particular complexity and extent of the projects, the intervention was divided into four phases which will see the definitive end to construction by the end of 2022.

The new hospital complex is divided into several areas, with organizational and managerial buildings, but well connected. Each building is intended to accommodate various care activities without interference. The complete replacement of all the elements of the facades was also conceived in order to achieve a radical improvement in thermal and acoustic insulation performance, increase the comfort of hospitalization, and the containment of energy consumption.

The entire system for service communications and voice alarm is based on the RCF DXT Series matrixes with numerous components from the RCF Voice Alarm product catalog. The installation includes a 42 unit master control system for the “New Avancorpo” and two 28 unit slave control interface(?) “Sector AEA” and “Sector AEC” connected together with multimode optical fiber in a ring topology. Two microphone consoles are available for fire brigades to send pre-recorded alarm messages and emergency announcements to all areas - or groups of them. A table console allows complete system management and supervision of all the plants with a simple LCD display. From the table console users can address messages, evacuation calls, and announcements in the individual areas throughout the entire complex. The slave control units are each equipped with an additional VVF console for local emergencies.

Numerous recessed PL series speakers, DU steel speakers, and CS column arrays are installed, as well as HD horn systems for outdoor areas. All RCF components installed are EN54 certified.



# HOSPITALS

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<b>COSTA RICA</b>	San José	HOSPITAL NACIONAL DE GERIATRÍA Y GERONTOLOGÍA
<b>GERMANY</b>	Bad Berka	CENTRAL HOSPITAL
<b>MALAYSIA</b>	Sabah	HOSPITAL UNIVERSITI MALAYSIA
	Kuala Lumpur	HOSPITAL CYBERJAYA
<b>ITALY</b>	Alessandria	SANTO SPIRITO
	Altamura	OSPEDALE DELLA MURGIA
	Ascoli Piceno	MAZZONI
	Bari	RADIOLOGIA DIAGNOSTICA MEDITERRANEA
	Bari	DI VENERE
	Bari	SAN GIACOMO
	Belluno	OSPEDALE CIVILE
	Cagliari	SANTISSIMA TRINITÀ
	Cuneo	SAN CROCE E CARLE
	Ferrara	ARCISPEDALE SANT'ANNA
	Florence	CAREGGI HOSPITAL
	Gargano - Foggia	CASA SOLLIEVO DELLA SOFFERENZA S. PIO
	Genova	ASL4 CHIAVARESE
	L'Aquila	SAN SALVATORE
	Mazara del Vallo	ABELE AJELLO
	Milano	ISTITUTO NEUROLOGICO CARLO BESTA
	Milano	POLICLINICO
	Modena	POLICLINICO
	Montecatini Terme	SANTA RITA
	Monza	SAN GERARDO
	Napoli	ANNA RIZZOLI
	Novara	OSPEDALE UNIVERSITARIO MAGGIORE DELLA CARITÀ
	Padova	HOSPICE
	Padova	ISTITUTO ONCOLOGICO VENETO
	Palermo	POLICLINICO UNIVERSITARIO PAOLO GIACCONE
	Parma	PICCOLE FIGLIE

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<b>ITALY</b>	Rho	RHO HOSPITAL
	Roma	LEOPOLDO PARODI DELFINO
	Roma	GEORGE EASTMAN
	Roma	POLICLINICO UMBERTO I
	Roma	POLICLINICO AGOSTINO GEMELLI
	San Benedetto del Tronto	MADONNA DEL SOCCORSO
	Sassari	SS ANNUNZIATA
	Trapani	SANT'ANTONIO ABATE HOSPITAL
	Turin	MOLINETTE
	Turin	ISTITUTO ONCOLOGICO CANDIOLO
Turin	J MEDICAL - JUVENTUS MEDICAL CENTER	
<b>JORDAN</b>	Amman	GARDENS HOSPITAL
<b>LEBANON</b>	Beirut	ST GEORGES HOSPITAL
	Beirut	BELLEVUE MEDICAL CENTER
<b>PORTUGAL</b>	Lisboa	THE LISBON SMILE CLINIC (DENTAL CLINIC)
<b>SAUDI ARABIA</b>	Kamis Mushat	KING FAISAL MILITARY CITY HOSPITAL
<b>THAILAND</b>	Bangkok	SRIRIRAJ HOSPITAL
<b>UK</b>	Trowbridge	COUNTY HALL
	Newcastle-upon-Tyne	PALACE OF ARTS

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# SHOPPING CENTERS AND PUBLIC BUILDINGS

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<b>AUSTRALIA</b>	Melbourne	ACQUIRE LEARNING HUB
<b>BOSNIA AND HERZEGOVINA</b>	Vitez	FRANCHISING CENTRE
<b>BULGARIA</b>	Sofia	FRENCH INSTITUTE
<b>CHINA</b>	Harbin, Heilongjiang	HARBIN GRAIN AND OIL BUILDING
<b>CYPRUS</b>	Nicosia	STASIKRATOUS STREET
<b>GERMANY</b>	Bad Breisig	RÖMER THERMAL RESORT
	Berlin	VIRGIN MEGASTORE
	Dusseldorf	VIRGIN MEGASTORE
	Erfurt	KINDER & MEDIENZENTRUM
	Frankenberg Eder	FINGERHAUS
	Hannover	VIRGIN MEGASTORE
	Köln	FESTHALLE DES KARNEVAL
	Köln	FESTHALLE MAARWEG
	Köln	JD SPORTSWEAR
	Mannheim	BGHW
	Mannheim	KULTURHAUS MANNHEIM KÄFERTAL
	Homburg	KULTURSPICHER BAD HOMBURG
	Dortmund	DIETRICH-KEUNING-HAUS (DKH)
	Jülich	FORSCHUNGSZENTRUM JÜLICH
	Landau	MODEHAUS JOST
	Luhe - Wildenau	GOLFPLATZ SCHWANHOF
	Bonn	BUNDESWEHR
	Unna	GLÜCKAUF KASERNE
<b>IRELAND</b>	Antrim	FORUM LEISURE CENTER
<b>ITALY</b>	Ancona	CONCESSIONARIO FERRARI
	Arese	DESIGUAL
	Bari	NUOVA SEDE CONSIGLIO REGIONALE PUGLIA
	Bari	PALAZZO POSTE ITALIANE VIA AMENDOLA
	Bari	PALAZZO ASSICURAZIONI GENERALI VIA AMENDOLA
	Bari	PISCINE COMUNALI
	Bari	METROPOLITANA
	Bologna	F.I.C.O.
	Crespellano (BO)	INTERTABA - PHILIPS MORRIS
	Fabriano	TERRANOVA
	Genova	REGUS GENOVA SAN BENIGNO

# SHOPPING CENTERS AND PUBLIC BUILDINGS

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## ITALY

Genova	CARREFOUR
La Spezia	TERRAZZE MALL
Milan	DIESEL CLOTHING
Milan	ROBERTO CAVALLI
Milan	ISOZAKI TOWER - IL DRITTO
Milan	TELECOM CORPORATE BUILDING
Milan	ARMANI SILOS
Milan	TORRE GALFA
Milan	UNIPOL SAN DONATO
Milan	CENTRO COMMERCIALE LE CUPOLE
Modena	PAGANI AUTOMOBILI
Roma	PALAZZO WIND
Rome	POLTRONESOFÀ
Rome	TORY BURCH
Rozzano	LEROY MERLIN
San Pellegrino	SAN PELLEGRINO THERMAL RESORT
Sassuolo	PANORAMA MALL
Torino	GRATTACIELO DELLA REGIONE PIEMONTE
Turin	ABEGG PALACE THERMAL RESORT
Udine	CITTÀ FIERA UDINE
Various cities	AUTOGRILL
Various cities	BRICOMAN
Various cities	COLMAR
Various cities	COOP SUPERMARKETS
Various cities	GIORGIO ARMANI
Various cities	H&M
Various cities	ITALMARK SUPERMARKETS
Various cities	LEGO
Various cities	LIDL
Various cities	MCDONALD'S
Various cities	NIKE
Various cities	PAM SUPERMARKETS
Various cities	PIAZZA ITALIA SHOPS
Various cities	VIRGIN
Various cities	VIRIDEA
Various cities	ZARA SHOPS

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<b>JORDAN</b>	Balqa	BORDER SECURITY OPERATION CENTER
	Amman	BUSTAN CORPORATE BUILDING
		JORDANIAN KUWAITI COMPANY FOR EDUCATION
<b>KUWAIT</b>	Salmiya	OLD NAVY STORE
	Kuwait City	RESERVED FASHION STORE
	Kuwait City	SAHARA SHOPS COMPLEX
<b>LEBANON</b>	Dbayeh	LE MALL
<b>NORWAY</b>	Oslo	DNB BANK HEAD OFFICE
	Bønes	BØNES COMMUNITY HALL
	Stavanger	SUBSEA-7 HEAD OFFICE
	Stavanger	STAVANGER CONCERT HALL
	Ålen	ÅLEN CULTURAL HALL
	Vikevag	VIKEVAG SKULE
<b>POLAND</b>	Jedlina-Zdrój	MULTIMEDIA FOUNTAIN IN JEDLINA-ZDRÓJ
<b>PORTUGAL</b>	Lisboa	BANCO DE PORTUGAL
	Lisbon	BENETTON FASHION STORE
	Sintra & Almada	OVS FASHION STORE
<b>SLOVAK REPUBLIC</b>	Velká Mača	COMMUNITY CENTER
	Malacky	SHOPPING CENTER MALAVIA
	Bratislava	FURNITURE STORE ALBERO BRATISLAVA
<b>SOUTH KOREA</b>	Seoul	NAMYANG NONHYUN OFFICE
	Jeju	JEJU CULTURE & ART CENTER
	GyeongsangBukdo	YEONGJU SK MATERIALS MAIN OFFICE BUILDING
	Seoul	SANGAM WORLD CUP STADIUM
	Seoul	MAGOK KORON FUTURE TECHNOLOGY INSTITUTE
	Seoul	GANGNAM THE SIGNUMHAUSE
	Seongnam	SEONGNAM PUBLIC SILVER COMMUNITY CENTER
<b>THAILAND</b>	Bangkok	THAILAND TOURISM AUTHORITY BUILDING
	Bangkok	NURSERY INSTITUTE
<b>UK</b>	Leyburn	TENNANTS AUCTIONEERS
<b>USA</b>	Las Vegas	FREMONT STREET
	Cincinnati, OH	CINCINNATI ZOO



# HOTELS AND SPA RESORTS

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<b>ALBANIA</b>	Tirana	PLAZA HOTEL - TID TOWER
	Tirana	TID TOWER PLAZA HOTEL TIRANA
	Tirana	HILTON GARDEN INN TIRANA
<b>ANGOLA</b>	Luanda	EPIC LUANDA HOTEL
<b>ARMENIA</b>	Yeravan	YERAVAN BEST WESTERN HOTEL
<b>ARUBA ISLE</b>	Eagle Beach	HOTEL RAMADA RENAISSANCE
<b>AUSTRIA</b>	Kitzbühl	FLAIRHOTEL
<b>CAMEROUN</b>	Yaoundé	YAOUNDÉ HILTON
<b>CARIBBEAN</b>	Antigua	ROYAL ANTIGUA HOTEL
<b>CHINA</b>	Guiyang	GUIYANG EMPARK GRAND HOTEL
	Huizhou	HUIZHOU HOMELAND INTERNATIONAL HOTEL
	Xian	XIAN PARADISE RESORT HOTEL
	Zhejiang	ZHEJIANG CIXI ZHONGYI HOTEL
<b>FRANCE</b>	Wettolsheim	DOMAINE BARMES BUSCHER
<b>GERMANY</b>	Bonn	KAMEHA GRAND HOTEL
	Bornmühle	NEUBRANDENBURF HOTEL BORNMÜHLE
	Neubrandenburg	HOTEL BORNMÜHLE
<b>GREECE</b>	Athens	ATHENS ROYAL OLYMPIC
<b>IRAQ</b>	Erbil	ROTANA HOTEL
<b>ITALY</b>	Bari	HOTEL GARDEN MOLFETTA
	Barletta	GRAND HOTEL TERME MARGHERITA DI SAVOIA
	Bologna	HOTEL SAVOIA REGENCY BOLOGNA + CONGRESS CENTRE
	Bologna	HOTEL UNAWAY BOLOGNA
	Bologna	HOTEL NOVOTEL
	Brescia	QC TERMEGARDA DI ARZAGA
	Catania	ATA HOTELS EXCELSIOR
	Catania	HOTEL TILIBAS
	Como	HOTEL DUE CORTI
	Florence	FOUR SEASON HOTEL
Florence	SHERATON HOTEL	

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# HOTELS AND SPA RESORTS

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<b>ITALY</b>	Genova	HOTEL MELIA GENOVA
	Genova	STAR HOTEL PRESIDENT
	Milan	SARCA HOTEL
	Milan	HOTEL MELIA MILAN
	Milan	MILAN HOTEL CANTO
	Milan	EXHIBITION CENTRE HOTEL RHO
	Milan	MILAN GEST ROYAL
	Milano	HOTEL NOVOTEL
	Palermo	HOTEL DELLE PALME DI PALERMO
	Ravenna	GRAND HOTEL RIOLO TERME
	Reggio Calabria	PLAZA HOTEL
	Rome	SHERATON GRAND EXCELSIOR
	Taormina	UNAHOTELS CAPOTAORMINA
	Turin	NH HOTEL
	Turin	NH HOTEL LINGOTTO
	Venezia	HOTEL DE MAJO VENEZIA
	Verona	HOTEL GARDALAND
Villasimius	HOTEL VILLASIMIUS	
<b>JORDAN</b>	Amman	LANDMARK
	Sweimeh	MARRIOTT DEAD SEA
<b>KUWAIT</b>	Salmiya	SARA PLAZA HOTEL APARTMENTS
<b>LEBANON</b>	Beirut	TANIOS HOTEL
	Beirut	ROTANA HOTEL
	Beirut	ARJAAN HOTEL
	Beirut	CORAL SUITES
	Beirut	BEIRUT MARIOTT
	Matn	HOTEL LE ROYAL
<b>MALAYSIA</b>	George Town	PENANG HARD ROCK HOTEL
	Kuala Lumpur	ST. REGIS HOTEL
	Malaysia - Pulau Langkawi	PARKROYAL, PULAU LANGKAWI
	Penang	TROPICANA MACALISTER

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<b>MALAYSIA</b>		DOUBLE TREE HOTEL
<b>NETHERLANDS</b>	Amsterdam	THE FLYING PIG DOWNTOWN
<b>PORTUGAL</b>	Lisboa	HOME LISBON HOSTEL
	Lisboa	HOTEL MAXIME
	Lisbon, Albufeira	EPIC AND MYRIAD SANA HOTEL
<b>SLOVAK REPUBLIC</b>	Piestany	GARNI HOTEL ANNE-MARY
<b>SLOVENIA</b>	Podčetrtek	TERME OLIMIA HOTEL ORHIDELIA
<b>SPAIN</b>	Valencia	VALENCIA ASTORIA HOTEL
<b>THAILAND</b>	Bangkok	SIAM KEMPINSKI HOTEL
	Hatyai	LEE GARDEN HOTEL
<b>TUNISIA</b>	Djerba	RIU PALM BEACH
	Gammarth	REGENCY HOTEL
	Tunis	MAJESTIK HOTEL
	Tunis	GOLDEN TULIP
<b>TURKEY</b>	Adana	SHERATON HOTEL ADANA
	Antalya	REGNUM CARYA RESORT & SPA
	Antalya	RGURAL PREMIER HOTEL BELEK
	Bodrum	CLUB "M BODRUM"
	Istanbul	SHERATON HOTEL
<b>UK</b>	Pembrokeshire	BLUESTONE RESORT





# THEATERS, CONCERT HALLS AND STUDIOS

## **The Glasshouse International Centre for Music - Gateshead (UK)**

The Glasshouse International Centre for Music's multi-venue complex has long standardised on RCF systems throughout its venue in the north-east of England, overlooking the River Tyne. But when room configurations suddenly change, often the PA needs to be sufficiently nimble to adapt with it.

In the case of the concert hall's premier auditorium, Sage One, it has required a complete overhaul in response to the removal of its stalls seating in certain settings. This has seen its trusty RCF HDL 20-A line array now replaced by a beefier HDL 30-A, along with a revision of its subwoofer design which now comprises 10 SUB 9006-AS. All inventory was supplied by Ingram AV.

With long experience of both the venue and HDL characteristics through his previous company, Andy Magee, from RCF Engineering Support Group, measured the auditorium and consequently advised on the new set-up, which included fill speakers from the RCF's TT+ Audio brand – with the entire system now controlled and networked through RCF's proprietary RDNet.

In the new set-up, L/R hangs of 12 active 2 x 10" HDL 30-A line array enclosures pick up the coverage from row F at stalls level, and extend up to balcony levels 2 and 3, while a ground stack of three further HDL 30-A and single RCF SUB 9004-AS per side provide audience coverage in the first four rows. Four HDL 26-A across the front of the stage provide lip fills while two TT 10-A provide outfill coverage at stalls level and a further four TT 10-A perform the same task at the balcony levels. Two additional SUB 9006-AS units serve as utilities; while they can be used to reinforce the existing setup as necessary, they can also be transported on dollies to another space and used with the in-house HDL 26-AS.

But as big an achievement as this elegant integration is, the need for the HDL 30-A to be compatible with classical concert hall requirements, was paramount—particularly since Sage Gateshead is home to its orchestra, Royal Northern Sinfonia. Hence, the venue worked with RCF to create a custom preset in RDNet that optimised the performance, ensuring the venue's low existing noise floor wasn't exceeded in any way.

The final pieces in the jigsaw were budget compliance and visual continuity. The venue's technical manager, Graham Orchard says "Having something that didn't completely change the visual representation of the boxes in the hall was a key factor. Simply switching from HDL 20-A to HDL 30-A was a great benefit. As a result," Graham Orchard concludes, "we now have a system capable of a lot more output.

# THEATERS, CONCERT HALLS AND STUDIOS

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<b>AUSTRIA</b>	Feldkirch	MONFORTHHAUS THEATRE
<b>CANADA</b>	Guelph, ON	RIVER RUN CENTRE
<b>CHINA</b>	Changsha, Hunan	CHANGSHA ART CENTER
	Zhaoqing, Guangdong	ZHAOQING UNIVERSITY THEATRE
	Yancheng, Jiangsu	YANCHENG YOUTH ACTIVITY CENTER
<b>DENMARK</b>	Copenhagen	MEDIA SOUND RECORDING STUDIO
<b>FRANCE</b>	La Chapelle St Herblain	NEW THEATRE
<b>GERMANY</b>	Bad Homburg	KURTHEATER
	Bochum	SCHAUSPIELHAUS
	Bochum	THÜRMESSAAL FOLKWANG THEATERZENTRUM
	Bünde	STADTHALLE
	Darmstadt	HESSISCHES STAATSTHEATER
	Dresden	CARTE BLANCHE THEATER
	Erfurt	KAISERSAAL
	Erfurt	ALTE OPER
	Feldkirch	MONTFORTHHAUS
	Forst	WALDSEEHALL
	Koblenz	RHEIN MOSEL HALLE
	Köln	FESTHALLE DES KÖLNER KARNEVAL
	Köln	FESTHALLE MAARWEG
	Köln	SCHAUSPIEL KÖLN
	Leipzig	HAUS
	Leipzig	SCHAUBÜHNE LINDENFELS
	Leipzig	LEIPZIGER STADTBAD
	Mainaschaff	MAINTALHALLE
	Osnabrück (D)	STADTTHEATER
	Osterode	STADTHALLE
	Paderborn	PADERHALLE
	Rudolstadt	THÜRINGER LANDESTHEATER
	Siegburg	SIEGBURG CITY MUSEUM
	Vechta	2-FACH SPORTHALLE
	Warburg	STADTHALLE
	Wiesbaden	HESSISCHES STAATSTHEATER
	Wittlich	MEHRZWECKHALLE

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<b>GEORGIA</b>	Tbilisi	TBILISI THEATRE
<b>IRELAND</b>	Wexford	NATIONAL OPERA HOUSE
<b>ISRAEL</b>	Yavne	MAAGALIM
<b>ITALY</b>	Alessandria	KEEP HOLD RECORDING STUDIO
	Bari	CONSERVATORIO NINO ROTA
	Bari	TEATRO ROYAL
	Bari	TEATRO PETRUZZELLI
	Barletta	TEATRO CURCI
	Bergamo	TEATRO DONIZETTI
	Bologna	TEATRO COMUNALE DI BOLOGNA
	Fidenza	TEATRO GIROLAMO MAGNANI
	Florence	TEATRO DELLA PERGOLA
	Florence	TEATRO NICOLINI
	Lugo Di Romagna	TEATRO ROSSINI
	Palermo	TEATRO AL MASSIMO
	Parma	TEATRO 2 - PARMA
	Parma	TEATRO REGIO
	Pordenone	ASSOCIAZIONE TEATRO PORDENONE
	Reggio Emilia	TEATRO VALLI
	Reggio Emilia	TEATRO ARIOSTO
	Rimini	TEATRO GALLI RIMINI
	S. Ilario d'Enza	PICCOLO TEATRO
Sondrio	TEATRO SOCIALE DI SONDRIO	
Tarcento (Udine)	TEATRO MARGHERITA	
Viterbo	TEATRO DI VITERBO	
<b>PORTUGAL</b>	Taguspark	THE GRAND AUDITORIUM
	Lisbon	FADO IN CHIADO - MUSIC VENUE
	Lisbon	TEATRO VILLARET LISBOA
<b>NORWAY</b>	Ålen	ÅLEN CULTURAL HALL
<b>SAUDI ARABIA</b>	Riyadh	RED CRESCENT SOCIETY MAIN AUDITORIUM
	Riyadh	MINISTRY OF HIGHER EDUCATION MAIN AUDITORIUM
	Jouf	MEDICAL COLLEGE MAIN AUDITORIUM
	Najran	MALE ADMINISTRATIVE BUILDING - AUDITORIUM HALL
	Riyadh	COMMUNICATION & INFORMATION TECHNOLOGY COMMISSION (CITC) - MAIN AUDITORIUM

# THEATERS, CONCERT HALLS AND STUDIOS

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<b>SAUDI ARABIA</b>	Riyadh	BACS - AUDITORIUM (RIYADH METRO)
	Al Kharj	GENERAL ORGANIZATION FOR MILITARY INDUSTRIES, MAIN AUDITORIUM
<b>SLOVAK REPUBLIC</b>	Bratislava	RADIO AND TELEVISION OF SLOVAKIA
<b>SOUTH KOREA</b>	Seoul	CHAMP HALL OF SEOUL ART CENTER
	GyeongsangNam-do	MILYANG CULTURE ART CENTER
	JeollaBuk-do	TAEKWONDO STUDIO
	Jeju	MUSIC CENTER OF ARTS&DESIGN
	Cheonan	CHUNGNAM MUSIC DEVELOPMENT CENTER
<b>SPAIN</b>	Valencia	AUDITORIO DE VALL D'UXO
	Navarra	AUDITORIO DEL MUSEO DEL HOSPITAL
<b>SWEDEN</b>	Skövde	KULTURHUS - KONSERTHALL "VALHALL"
<b>TAIWAN</b>	Taichuan	NATIONAL TAICHUAN THEATRE
	Taipei	ATT SHOWBOX
<b>THAILAND</b>	Bangkok	NATIONAL THEATRE
<b>TURKEY</b>	Istanbul	MOI THEATER
<b>UK</b>	Barnard Castle	THE WITHAM
	Barrow in Furness	THE FORUM
	Bedford	BEDFORD CORN EXCHANGE
	Beverley	EAST RIDING THEATRE
	Bishop Auckland	TOWN HALL
	Bridgwater	MCMILLAN THEATRE
	Bristol	THE STATION
	Cockermouth	KIRKGATE ATS THEATRE
	Consett	CONSETT EMPIRE THEATRE
	Durham	THE GALA THEATRE
	Gatehead	THE SAGE FOYER
	Gateshead	THE SAGE HALL 1
	Gateshead	THE SAGE HALL 2
	Gateshead	SAGE GATESHEAD
	Harrogate	THE ROYAL HALL
	Hexham	QUEENS HALL
London	ROYAL ALBERT HALL	
London	BATTERSEA ARTS CENTRE	
Motherwell	MOTHERWELL CONCERT HALL, MAIN HALL AND STUDIO THEATRE	

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**UK**

Newcastle	NORTHERN STAGE THEATRE
Newcastle upon Tyne	THE PALACE OF ARTS
Newcastle upon Tyne	THE CLUNY
Newcastle upon Tyne	NORTHERN STAGE
Oakham	OAKHAM SCHOOL DRAMA THEATRE
Settle	SETTLE VICTORIA HALL
South Shields	THE CUSTOMS HOUSE
Stamford	STAMFORD CORN EXCHANGE THEATRE
Stamford	ARTS CENTRE
Stirling	THE TOLLBOOTH
Sunderland	FIRE STATION
Swindon	WYVERN THEATRE
	DAMIEN EGAN'S RECORDING STUDIO

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**USA**

Austin, TX	COMEDY MOTHERSHIP
Buffalo, NY	RIVERA THEATRE
Detroit, MI	FOX THEATRE
Edison, NJ	GOSS OPERA HOUSE
El Dorado, AR	MAD AMPHITHEATRE
Falls Church, VA	STATE THEATRE
Galesburg, IL	ORPHEUM THEATER
Lauderdal, FL	KEMISTRY NIGHTCLUB
Lincoln City, IN	LINCOLN AMPHITHEATRE (2020)
Lockport, NY	PALACE THEATRE
Los Angeles	TAL BERGMAN STUDIOS (FORMERLY LION SHARE)
Louisville, KY	4TH STREET LIVE!
Myrtle Beach, SC	CAROLINA OPRY
New York City, NY	HAYES BROADWAY THEATRE
Newport News, VA	FERGUSON CENTER
Peoria, IL	PEORIA CIVIC CENTER
Tallahassee, FL	CASCADES PARK
Wausau, WI	GRAND THEATER
Tallahassee, FL	CASCADES PARK
Wausau, WI	GRAND THEATER

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# BARS, PUBS AND RESTAURANTS

## Hard Rock Cafe - Dubrovnik (Croatia)

Hard Rock Cafe Dubrovnik, the first licensed Hard Rock® Cafe in Croatia, opened its doors to the public in April 2023 featuring an RCF audio system that provides stunning sound quality throughout the venue. Dubrovnik is truly the crown jewel of Croatian tourism. Its stunning architecture, rich history, and breathtaking scenery make the town a labyrinth of narrow streets and ancient buildings that have withstood the test of time. Dubrovnik's massive city walls are proof of its resistance over the centuries. Dubrovnik's popularity as a filming location for movies and TV shows, including the iconic Game of Thrones, has only added to its appeal, attracting visitors from around the world.

The cafe, located in the heart of Dubrovnik's Old Town, is housed in the former monastery of the Clares, which has been transformed into a beautiful space that extends over 850 square meters and can accommodate more than 400 guests. In classic Hard Rock Café tradition, the interior is adorned with iconic rock memorabilia, such as guitars, costumes, and photographs of famous actors and musicians.

To ensure that the cafe's sound system met the strict requirements of the Hard Rock license, the cafe's AV integrator LAV Projekt carefully selected and installed a combination of RCF speakers. The main space inside the cafe is equipped with 23 RCF Compact M 06 loudspeakers from the RCF Business Music catalog. These speakers provide excellent sound coverage and are designed specifically for playing background music. The cafe's courtyard features RCF P 3108 waterproof speakers which are ideal for outdoor use.

For live music events, the cafe has two mobile audio systems relying on the TT+ Audio speaker line, the flagship brand from RCF. The smaller indoor stage is equipped with two RCF TT 515-A active sound boxes in combination with two RCF TT 808-AS active subwoofers. The larger outdoor stage is equipped with two RCF TT 22-A II active two-way high-output sound boxes with RCF TT 18-A II subwoofers.

"During the entire process, our team worked tirelessly to ensure a flawless installation so that all visitors could enjoy the amazing sights and sounds that the Hard Rock Cafe brand is known for and we are very proud of the results."





# BARS, PUBS AND RESTAURANTS

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<b>AUSTRALIA</b>	Perth	WILLIAM STREET BIRD BAR
	Tanami Desert	GRANITES MINE SOCIAL CLUB & BAR
<b>BOSNIA AND HERZEGOVINA</b>	Banja Luka	DOM
	Banja Luka	BERTA
	Banja Luka	MR. BROWN
<b>CROATIA</b>	Dubrovnik	HARD ROCK CAFE
	Zagreb	PLAZA BAR
<b>CYPRUS</b>	Nicosia	HARD ROCK CAFÈ
	Nicosia	HARD ROCK CAFÈ
<b>FRANCE</b>	ST MARTEEN	SLS PARTY
	Laon	MONKEY BAR
<b>GERMANY</b>	Bad Kissingen	BOWLINGBAHN
	Bornheim	PIN UP BOWLING ARENA
	Brilon	DESTILLERIE 1113 / SAUERLÄNDER HOF
	Köln	JOE CHAMPS SPORTS BAR
	Mainz	BOWLING ROOM
	Niederzier	BOWL'N'LOUNGE
	Niederzier	BOWLINGARENA
	Schiffweiler	LADSWEILER ALM REDEN
Spich	BOA	
Willingen	BRAUHAUS WILLINGEN	
<b>INDIA</b>	Noida	THE FLYING DUTCHMAN
	Jaipur	ZARA
<b>ITALY</b>	Lampedusa	LIDO DI LAMPEDUSA
	Lodi	LA VECCHIA OSTERIA
	Rome	MCDONALD'S
	Rome	CASA COPPELLE
<b>JORDAN</b>	Amman	JUICE BANG BANG
	Dead Sea	JUICE BANG BANG
<b>NETHERLANDS</b>	Amsterdam	CAFE PARTISAN
	Amsterdam	CAFE ZURICH
	Amsterdam	THE BULLDOG PALACE AMSTERDAM
	Amsterdam	EXCALIBUR
	Amsterdam	ROSES'S CANTINA
	Amsterdam	CANNIBALE ROYALE NOORD
	Amsterdam	IZAKAYA
	Beuningen	RESTAURANT DINGES
	Beuningen	CANNIBALE ROYALE NOORD



# BARS, PUBS AND RESTAURANTS

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<b>NETHERLANDS</b>	Beuningen	RESTAURANT DINGES
<b>NORTHERN IRELAND</b>	Belfast	THE DOFFER BAR / TEN SQUARE HOTEL
<b>IRELAND</b>	Belfast	THE LINEN BAR / TEN SQUARE HOTEL
	Belfast	KOSY CLUB
<b>POLAND</b>	Rzeszow	CELLARS UNDERGROUND TOURIST ROUTE
<b>PORTUGAL</b>	Costa da Caparica	PRAIA - SEA, SALT AND PEPPER
	Lisbon	"PRAIA NO PARQUE" RESTAURANTE/BAR
	Lisbon	LUX LISBOA PARK HOTEL - INFINITY TERRACE BAR (ROOF TOP)
	Lisbon	MERCANTINA BISTRO 37 - LISBOA
	Lisbon	GARDEN ROOF BAR - ALTIS GRAND HOTEL, LISBOA
	Lisbon	JNCQUOI - RESTAURANT & DELIBAR
	Lisbon	RESTAURANT ESPADA
<b>SERBIA</b>	Novi Sad	PICNIC RESTAURANT
	Novi Sad	LOFT COFFEE & FOOD BAR
<b>SOUTH KOREA</b>	Suwon	CAFETERIA OF SINTEX
<b>TUNISIA</b>	Gammarth	LA SUITE RESTO-LOUNGE
	Gammarth	BLUE LAGOON
	La Marsa	CARPE DIEM
	Sousse	LE GUEPARD RESTO-LOUNGE
	Tunis	SINDBAD RESTAURANT LOUNGE
	Tunis	BRAUHAUS 209
	Tunis	DIAMANT BLEU
<b>TURKEY</b>	Antalya	JOLLY JOKER
<b>UK</b>	25+ sites across the UK	CRAFT UNION PUB COMPANY
	25+ sites across the UK	THE PUNCH PUB COMPANY
	Balham , London	THE BEDFORD
	Birmingham	THE HEAD OF STEAM - CAMERONS BREWERY
	Lincoln	SWAMPY JOHNS SHOWBAR
	London	THE CARDAMON CLUB
	Rotherham	THE GEORGE WRIGHT
	Sheffield, Lincoln	ORIGINAL BIERKELLER
	Yarm	LUNA BLU
	Yarm	LUNA BLU
<b>USA</b>	Dubuque, IA	DIAMOND JO CASINO
	Knoxville, TN	THE OPEN CHORD
	Los Angeles, CA	NO VACANCY
	Los Angeles, CA	MAINRO
	Memphis, TN	BB KING'S BLUES CLUB
	New York City, NY	QUALITY MEATS STEAKHOUSE



BEACH  
ROCK  
BITCH

IRISH  
TARD  
RACKER  
SOHON  
HAUPAN

# CONCERTS AND LIVE EVENTS

## **Beach Bitch Festival - Alfeld (Germany)**

The Beach Bitch Festival, which took place on August 26th in Alfeld, was once again a highlight on this year's event calendar. In addition to its family-friendly orientation and a limited audience of around 1,000 guests, the event particularly stood out for its top-tier line-up and impressive sound quality. Technical service provider, IMM Pro Event GmbH, ensured that bands like the headliners "Mr. Irish Bastard" and "Wisecracker", as well as "LONELY SPRING", "SOKO LiNX", "Blum", "stielow", "FRAUPAUL", and "Boney & The Shakers" were heard to their best advantage. The support from IMM Professional was instrumental in this.

On the main stage, 12x HDL 30-A Line Array Modules, 6x SUB 9006-AS active subwoofers, 8x TT 25-CXA monitors, and 2x TT 10-A as infills were used. This ensured a rich and clear sound that perfectly conveyed even the finest nuances of the performances. The secondary stage, affectionately called "Sidestage", relied on a sound system consisting of 2x NXL 44-A MKII, each on a SUB 8006-AS, and 4x NX 12-SMA stage monitors were provided.

A special highlight of the Beach Bitch Festival was its all-inclusive concept. All attendees could not only enjoy the music but also partake in food and drinks at no additional cost. The complimentary camping added to the relaxed and family-friendly atmosphere.

The Beach Bitch Festival is a labor of love by Hula Music e.V., which lovingly takes care of the planning and execution of the event year after year. The attention to detail and dedication of the association are palpable, making the festival an unforgettable experience.









# CONCERTS AND LIVE EVENTS

## Smèrrig Summer Weekender Festival - Netherlands

The renowned Smèrrig Summer Weekender Festival in the Netherlands, celebrated for its unique atmosphere, exceptional performances, and distinctive stages, once again opted for state-of-the-art sound from RCF in 2023, following the success of last year's festival. With multiple stages, each having different sound requirements, choosing the appropriate audio equipment was crucial for the festival's success. With around 10,000 visitors flocking to Engelmeer in den Bosch, the Smèrrig Summer Weekender Festival stands as one of the most esteemed open-air events for electronic music in the Netherlands.

The festival's production was handled by the Dutch event technology specialist Ultrasound Productions, who expertly managed the stage construction, lighting, and audio technology. The list of RCF audio technologies deployed showcases the versatility of the RCF systems and its adaptability for professional use, encompassing nearly 200 products from various lines.

The main stage was equipped with 16 RCF HDL 50-A 4K Line Array Modules as the main hang, supplemented by four RCF HDL 30-A and 15 RCF SUB 9007-AS subwoofers. This robust setup was complemented by four RCF TT 25-CXA, four RCF TT 08-A, and two RCF SUB 8003-AS II. For the Roze Parel stage, Ultrasound relied on 12 RCF HDL 30-A Line Array Modules as the main hang and 14 RCF 9004-AS subwoofers. Additionally, four RCF TT 25-CXA and two RCF TTL 6-A speakers were used. The RCF system was controlled by a unit of RCF Control 8. The Temple Stage was equipped with eight RCF HDL 50-A 4K Line Array Modules as the main hang, complemented by four RCF TT 25-CXA and eight LA SB 28. The Apfelkorn Clubhouse was effectively powered by two RCF TTL 6-A, four RCF 9004-AS subwoofers, and two RCF ART 312-A. To provide sound to additional areas of the fairgrounds, six RCF ART 312-A speakers were strategically installed. RCF's own-developed management software, RDNet, was employed to control the entire installation.

"We received numerous compliments from artists and their technicians about the exceptional sound quality at the Main stage," commented Geert Maes, Sales Manager at Ultrasound Productions. "The RCF system was meticulously set up and controlled by our expert sound technician, Luc Verheggen. They were thoroughly impressed by the clarity and power of the HDL 50 line array system."

The Smèrrig Festival is renowned for its unique blend of musical styles and captivating atmosphere. Visitors are treated to an unforgettable experience, immersing themselves in flamboyant and unmistakable stages adorned with unique art displays. For more information about the Smèrrig Summer Weekender Festival and other events in the Smèrrig series, visit [www.smerrig.nl](http://www.smerrig.nl).



# CONCERTS AND LIVE EVENTS

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<b>AUSTRALIA</b>	Adelaide	THE BIG PARTY
	Mount Martha	WINEFOLK FESTIVAL
	Victoria	PRODUCTION CORP
<b>AUSTRIA</b>	Wien	WIEN MARATHON
<b>CHINA</b>	Taiyuan, Shanxi	SHANXI OPERA GROUP
	Hangzhou, Zhejiang	G20 MEETING
<b>CROATIA</b>	Pula	MORCHEEBA CONCERT
	Pula	JAZZ HOUSE PULA
	Split	ULTRA EUROPE FESTIVAL
	Zrće	FATBOY SLIM
<b>CUBA</b>	Various cities	POPE FRANCIS'S TRIP TO CUBA
<b>FRANCE</b>	Belle Ile en Mer	BELLE ILE ON AIR FESTIVAL
	Le Mans	LOUANE AND MARINA KAYE
	Lievin Arena	CHAMPIONNAT FRANCE ATHLETISME
	Orleans	VIBRATION TOUR
	Various cities	TOUR DE FRANCE
	Wervicq-Sud	FÊTE JEHAN VAN D'HELLE
<b>GERMANY</b>	Alfter	SCHLOSSZAUBER ALFTER
	Alfeld	BEACH BITCH FESTIVAL
	Balve	THE BALVE CAVE
	Dessau	SPLASH! AND MELT! FESTIVAL
	Düsseldorf	MITSUBISHI ELECTRIC HALLE
	Erfurt	EVENTBESCHALLUNG ERFURT ARENA
	Eriskirch	STADTHALLE
	Frankfurt	BIGCITYBEATS WORLD CLUB DOME
	German tour	ALAN PARSONS LIVE PROJECT
	Köln	LANXESS ARENA
	Various cities	GIANNA NANNINI - EUROPEAN TOUR IN 2022
	Vechta	TANTE MIA TANZT FESTIVAL
	<b>GREECE</b>	Athens
<b>INDIA</b>	Hyderabad	DJ DIPLO LIVE AT THE PRISM CLUB
	Kolkata	VISHAL-SHEKHAR LIVE
	New Delhi	WBO TITLE FIGHT GULLY GANG
<b>ITALY</b>	Bologna	LIGABUE

# CONCERTS AND LIVE EVENTS

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<b>ITALY</b>	Correggio	FRANCESCO DE GREGORI
	Livorno	PANARIELLO SOTTO L'ALBERO
	Milan	CROZZA ALIVE
	Milan	VASCO ROSSI
	Perugia	UMBRIA JAZZ 2015 AND 2016
	Perugia	RADIO SUBASIO CONCERT
	RCF Arena	LIGABUE
	RCF Arena	UNA, NESSUNA, CENTOMILA
	Rome	FRANCESCO DE GREGORI AND ANTONELLO VENDITTI
	Rome	POPE FRANCIS AT THE OLYMPIC STADIUM
	Various cities	MARIO BIONDI- TOUR
	Venezia	ANDREA BOCELLI AT THE ARSENALE
	Verona	NICCOLÒ FABI
Verona	LIGABUE	
<b>JAPAN</b>	Chiba	BIG BEACH DANCE FESTIVAL
<b>LUXEMBOURG</b>	Luxembourg	NATIONAL DAY - CITY SOUNDS LUXEMBOURG
<b>MEXICO</b>	Michoacan	THE DOORS
<b>NETHERLANDS</b>		SMÈRRIG SUMMER WEEKENDER FESTIVAL
<b>NORTHERN IRELAND</b>	Lisburn	LISBURN LIGHT FESTIVAL
<b>PERU</b>	Lima	IRON MAIDEN
<b>SPAIN</b>	Bilbao	HERTZAINAK
<b>UK</b>	Durham	ALROSE PRODUCTION
	London	ESPORTS CHAMPIONSHIP SERIES 1, WIMBLEDON
	Lancaster	HIGHEST POINT FESTIVAL
	Manchester	VICTORIA WAREHOUSE
	South Shields	GREAT NORTH RUN
<b>USA</b>	Anaheim, CA	ULTIMATE NAMM NIGHT
	Charlotte, NC	FUTURE
	Detroit, MI	MOVEMENT FESTIVAL
	Las Vegas, NV	FREMONT STREET EXPERIENCE
	Las Vegas, NV	EXTREME THING 2013
	Louisville, KY	SUGAR RAY
	MIAMI, FL	COLOMBIAN INDEPENDENCE FESTIVAL

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**USA**

Middletown, NY	ORANGE COUNTY FAIR TIME MCGRAW
New York City, NY	AVERY FISHER HALL
Rochester, NY	ESSEX NIGHTCLUB
Rochester, NY	FAIRPORT MUSIC FESTIVAL
Various cities	FRED HAMMOND AND UNITED TENORS
Various cities	KEM'S "WHAT CHRISTMAS MEANS" 2013 TOUR
Various cities	GEORGE THOROGOOD TOUR
Various cities	YES TOUR
Wilkesboro, NC	MERLEFEST

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# SCHOOLS AND UNIVERSITIES

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<b>AUSTRALIA</b>	Melbourne	MELBOURNE UNIVERSITY
<b>BOSNIA AND HERZEGOVINA</b>	Banja Luka	UNIVERSITY DIAGNOSTIC CENTRE
<b>FRANCE</b>	DAX	LYCÉE PRIVÉ SAINT JACQUES DE COMPOSTELLE
<b>GERMANY</b>	Aachen	RWTH
	Bochum	THÜRMESSAAL FOLKWANG THEATERZENTRUM
	Frankfurt	FRANKFURT UNIVERSITY OF MUSIC AND PERFORMING ARTS (HOCHSCHULE FÜR MUSIK UND DARSTELLENDEN KUNST FRANKFURT AM MAIN)
	Frankfurt Oder	UNI VIADRINA
	Garmisch-Partenkirchen	AULA WERDENFELSGYMNASIUM
	Gießen,	TECHNISCHE HOCHSCHULE MITTELHESSEN
	Haan	GYMNASIUM HAAN
	Hannover	KÖNIGLICHER PFERDESTALL - KOMMUNIKATIONSZENTRUM DER LEIBNIZ UNIVERSITÄT HANNOVER
	Heidelberg	EMBL
	Kassel	HÖRSÄLE CAMPUS CENTER
	Köln	BERUFSSKOLLEG PERLENGRABEN
	Marburg	UNI MARBURG
	München	AUDITORIUM DER LUDWIG-MAXIMILIANS-UNIVERSITÄT
	Neufahrn	AULA GYMNASIUM
	Saarbrücken	HTWSAAR
	Schöenberg	BFW
	Waldkaiburg	AULA REALSCHULE
	Wilhelmshaven	MARINESCHULE
<b>INDIA</b>	Delhi	SHRIRAM SCHOOL
	New Delhi	PAUL GEORGE GLOBAL SCHOOL
<b>ITALY</b>	Milan	LICEO STATALE VIRGILIO
	Milan	BES BILINGUAL EUROPEAN SCHOOL
	Milan	POLIMI - DIPARTIMENTO CHIMICA
	Milan	CIVICA SCUOLA DI TEATRO PAOLO GRASSI
	Modena	LICEO SCIENTIFICO TASSONI
	Padova	POLO UMANISTICO DELL'UNIVERSITÀ DI PADOVA
	Pisa	PISA UNIVERSITY
	Rimini	RIMINI UNIVERSITY
	Torino	UNIVERSITA' TORINO

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# SCHOOLS AND UNIVERSITIES

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<b>ITALY</b>	Venezia	UNIVERSITÀ CA' FOSCARI
	Vicenza	UNIVERSITÀ DI VICENZA
<b>JORDAN</b>	Amman	KING'S ACADEMY
	Amman	ZARQA UNIVERSITY SCHOOLS & KINDERGARTENS
	Amman	ISLAMIC SCIENTIFIC COLLEGE
	Amman	IBN RUSHD NATIONAL ACADEMY
	Amman	MASHREK INTERNATIONAL SCHOOL
	Amman	AL-KHAMAEL SCHOOLS THEATER
	Amman	JORDAN UNIVERSITY
<b>KAZAKHSTAN</b>	Irbid	AMERICAN UNIVERSITY SCHOOLS
	Astana	NAZARBAYEV UNIVERSITY
<b>KUWAIT</b>	Kuwait	AMERICAN UNIVERSITY OF KUWAIT THEATER
	Kuwait	AL-AWAEL SCHOOL THEATER
	Kuwait City	ABASSIYA SCHOOL
<b>LEBANON</b>	Beirut	ATHENEE DE BEYROUTH SCHOOL
	Jbeil	LEBANESE AMERICAN UNIVERSITY (LAU) MEDICAL CAMPUS
	Beirut	AMERICAN UNIVERSITY OF BEIRUT (AUB)
	Hadath	LEBANESE UNIVERSITY CAMPUS
<b>LUXEMBURG</b>	Luxemburg	UNIVERSITÄT LUXEMBURG
<b>MALAYSIA</b>	Johor	UNIVERSITI TEKNOLOGI MARA SKUDAI
	Kuala Lumpur	KUEN CHENG HIGH SCHOOL
	Pahang	MARA UNIVERSITY OF TECHNOLOGY PAHANG CAMPUS, JENGA
	Pahang	INTERNATIONAL UNIVERSITY COLLEGE AUTOMOTIVE(IUCAM)
	Perak	SULTAN IDRIS EDUCATION UNIVERSITY
<b>NORWAY</b>	Ålesund	RIKSFJORD PRIMARY SCHOOL MULTIPURPOSE HALL
	Bergen	NORWEGIAN SCHOOL OF ECONOMICS LECTURE HALLS
	Bergen	AMALIE SKRAM HIGH SCHOOL MULTIPURPOSE HALL
	Bergen	NORWEGIAN SCHOOL OF ECONOMICS AUDITORIUM
	Bergen	AARSTAD HIGH SCHOOL AUDITORIUM
	Kautokeino	SAMI UNIVERSITY AUDITORIUM
	Oslo	UNIVERSITY OF OSLO
	Oslo	NATIONAL PEDAGOGIC CENTRE
	Trondheim	ECONOMIC COLLEGE AUDITORIUM
	Tynset	NORD ØSTERDAL HIGH SCHOOL

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<b>PORTUGAL</b>	Lisbon	ESCOLA SUPERIOR DE EDUCAÇÃO DE LISBOA - AUDITORIUM
<b>SAUDI ARABIA</b>	Dammam	COLLEGE OF ARCHITECTURE
	Dammam	DAMMAM UNIVERSITY - MAIN AUDITORIUM BUILDING
	Madinah	TAIBAH UNIVERSITY - CONVENTION CENTER
	Madinah	ISLAMIC UNIVERSITY - CONVENTION CENTER
	Najran	COLLEGE OF ENGINEERING - LECTURE HALL
	Najran	EDUCATION OF ENGINEERING - LECTURE HALL
	Najran	FACULTY OF DENTISTRY - LECTURE HALL
	Riyadh	PRINCE SULTAN COMMUNITY SCHOOLS AUDITORIUM
	Riyadh	KING ABDUL-AZIZ MILITARY COLLEGE - MAIN AUDITORIUM
<b>SLOVAK REPUBLIC</b>	Prešov	UNIVERSITY OF PRESOV
<b>SOUTH KOREA</b>	Daejeon	WOOSONG COLLEGE
	Daejeon	WOODSONG UNIVERSITY
	Suwon	SUWON UNIVERSITY
	Chuncheon	CHUNCHEON GIRL'S HIGHSCHOOL
<b>TAIWAN</b>	Taipei	THE AFFILIATED H.S. OF NAT. TAIWAN NORMAL UNIVERSTIY
<b>THAILAND</b>	Bangkok	BROMSGROVE INTERNATIONAL SCHOOL, BANGKOK
	Bangkok	WALAILAK UNIVERSITY
	Bangkok	RAJAPHAT NAKHON SRI THAMMARAT UNIVERSITY
<b>UK</b>	Durham	DURHAM UNIVERSITY STUDENTS UNION VENUE
	Durham	DURHAM UNIVERSITY STUDENTS UNION BAR
	Newcastle upon Tyne	NORTHUMBRIA UNIVERSITY DOMAIN
	Newcastle upon Tyne	NORTHUMBRIA UNIVERSITY REDS
	Newcastle upon Tyne	NORTHUMBRIA UNIVERSITY HABITA
	Sunderland	THE BONDED WAREHOUSE
<b>USA</b>	Bowling Green, KY	WARREN EAST HIGH SCHOOL FOOTBALL FIELD
	Chicago, IL	BRITISH INTERNATIONAL SCHOOL
	Florence, AL	UNIVERSITY OF ALABAMA (UNA)
	Lockport, NY	LOCKPORT HIGH SCHOOL
	Madison, NJ	FAIRLEIGH DICKINSON UNIVERSITY
	Manvel, TX	HERITAGE CHRISTIAN ACADEMY
	Queens, NY	ST. FRANCIS PREP HIGH SCHOOL
	Radcliff, KY	NORTH HARDIN HIGH SCHOOL GYMNASIUM



# PLACES OF WORSHIP

## Saints Hoan-Thien Catholic Centre - Australia

The Saints Hoan-Thien Catholic Centre in Keysborough, Victoria, is situated on 4 hectares of land owned by Melbourne's Vietnamese Catholic community. Over the years, the Community Centre has been the site of many milestones for the local Catholic populace, such as festivals, congresses, and celebrations. Across from the cardinal building lies the 'Our Lady Of La Vang' shrine, a newly completed house of worship that has been a long-term labor of love for the fellowship.

Within the bright inner expanse of the shrine, the building's crisp white roof dominates the architecture. Hanging cleanly from either side of the far end, sit two compact RCF line arrays. Looking almost transparent in their optional matte white finish, the HDL 6-A modules blend perfectly into the supernal scene. Supplied by Factory Sound in Melbourne, and recently set up by installer UB Group, the system provides Front of House audio coverage for voice reinforcement, music playback, and occasional live instrument reinforcement for the venue's regular church Services.

UB Group Director, Bang Le, explains his choice of technology- "Based on their audio requirements and budget, the HDL 6-A system was easily the best option. We needed something with a low visual profile and something that we could count on to deliver great sound throughout regular use. The HDL series is very neat, looks good with the architecture here, and has a fantastic size to power Ratio."

Both the left and right arrays at the shrine feature 6 x HDL 6-A modules, each individually capable of an impressive 131 dB max SPL, as well as 2 x HDL 12-AS active flyable subwoofers. The HDL 12-AS are the perfect companion sub modules to the HDL 6-A, housing a 12" woofer and bringing the overall frequency response of the system down to 40 Hz.

"The primary function of the system will be sound reinforcement for speech and some live music- especially things like Christmas carols and special events where the space may get filled more than usual- situations where a little more power will be required. I have been working with RCF equipment for years and I have confidence in the output and reliability of the brand," says Bang. For one of Australia's largest migrant communities, the Our Lady of La Vang Shrine.

is a shared dream made manifest - a project that has seen three Melbourne archbishops and been the work of generations of Vietnamese families. The addition of RCF's precision Italian hardware -born of a vast heritage of expert engineering- helps elevate the space further, from impressive to divine.



# PLACES OF WORSHIP

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<b>AUSTRALIA</b>	Jandakot	GOOD SUCCESS CHURCH
	Melbourne	THE SAINTS HOAN-THIEN CATHOLIC CENTRE
	Melbourne	MELBOURNE GRAMMAR SCHOOL CHURCH
	Melbourne	ST JAMES THE APOSTLE PARISH
<b>BOSNIA AND HERZEGOVINA</b>	Banja Luka	ST. BONAVENTURA
<b>CYPRUS</b>	Paralimni	ST.GEORGE CHURCH
<b>CROATIA</b>		FRANCISCAN CHURCH AND MONASTERY OF ST. NIKOLA TAVELIĆ
<b>GERMANY</b>	Bremen	FREIE KIRCHENGEMEINDE
	Dargun	KLOSTERKIRCHE
	Erfurt	AUGUSTINERKLOSTER
	Erfurt	CHRISTUS GARNISONSKIRCHE
	Friedberg	KATH. ST. JAKOB KIRCHE
	Hermersberg	KATH. KIRCHE ST. PETER
	Köln	ST. SERVERIN
	Ludwigshafen	EV. FREIK. GEMEINDE „WORTE DES LEBENS“
	Maßweiler	KATH. KIRCH MASSWEILER
	Paderborn	EVANGELIUMS CHRISTEN BAPTIST CONGREGATION PADERBORN
	Paderborn	FREIE EV. KIRCHE
	Siegburg	ST. JOSEPH KIRCHE
	Solingen	EV. KIRCHENGEMEINDE KETZBERG
	Solingen	KATH. KIRCHE ST. ENGELBERG
	Solingen	KATH. KIRCHE ST. ENGELBERT
	Thaleischweiler Fröschen	KATH. KIRCHE ST. MARGARETHA
	Wilhelmshaven	BANTER KIRCHE
Wilhelmshaven	CHRISTUS GARNISONSKIRCHE	
Wohltorf	HEILIG GEIST KIRCHE	
Wuppertal	IMMANUELSKIRCHE (KULTURZENTRUM IMMANUEL)	
<b>GREECE</b>	Athens	SAINT MARY ORTHODOX CHURCH
	Pili	ORTHODOX CHURCH OF EVANGELISM OF HOLY MARY
<b>IRELAND</b>	Swords	ST. COLUMCILLE CHURCH
<b>INDIA</b>	New Delhi	ST. GEORGE'S CATHEDRAL

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<b>ISRAEL/ PALESTINE</b>	Jerusalem	CATHEDRAL ST. PETER GALLICANTU
	Jerusalem	LATIN PATRIARCHATE OF JERUSALEM
<b>ITALY</b>	Ascoli Piceno	SAN FRANCESCO DI PAOLA
	Bari	SANT'ANDREA
	Bari	SANTISSIMO REDENTORE
	Bologna	SANTA MARIA GORETTI
	Camogli (GE)	SANTA MARIA ASSUNTA
	Catania	SAN FRANCESCO
	Catanzaro	SANTA MARIA ASSUNTA
	Como	SAN GIUSEPPE
	Genova	SANTA MARIA IMMACOLATA
	Grosseto	SANTI PIETRO E PAOLO
	Matera	PADRI TRINITARI DI BERNALDA
	Medolla	SANTI SENESIO E TEOPOMPO
	Milano	BINZAGO
	Modena	SAN GIOVANNI EVANGELISTA
	Padova	SAN PROSDOCIMO MILITARY CATHEDRAL
	Padova	SANTA MARGHERITA
	Palermo	MADRE SANTISSIMO CROCIFISSO
	Palermo	MARTORANA
	Parma	BASILICA MAGISTRALE SANTA MARIA DELLA STECCA
	Pisa	SAN PAOLO ALL'ARNO
	Pistoia	SAN MICHELE ARCANGELO
	Prato	SACRO CUORE
	Prato	SAN MARTINO A PAPERINO
	Ragusa	CAMPANELLA
	Ragusa	DUOMO DI SAN GIORGIO
	Reggio Emilia	SACRO CUORE DI GESÙ
	Reggio Emilia	SAN FRANCESCO D'ASSISI
	Reggio Emilia	SAN PAOLO
	Reggio Emilia	VILLA SESSO
	Ripa D'Arno (Pisa)	SAN PAOLO

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# PLACES OF WORSHIP

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<b>ITALY</b>	Roma	MONASTERO DELL'IMMACOLATA CONCEZIONE
	Roma	PICCOLE SUORE DEGLI ANZIANI ABBANDONATI
	Roma	SAN TOMMASO MORO
	S.Agata Bolognese (BO)	
	Sant'Elpidio	SAN PIO X
	Sassari	SPIRITO SANTO
	Torino	SANTO VOLTO
	Udine	SUORE ROSARIE
	Venezia	SAN MARCO
	Vercelli	BEATA VERGINE ASSUNTA
Volterra (PI)	DUOMO	
<b>JORDAN</b>	Ajloun	HOLY SPIRIT CHURCH
	Amman	MARIA AL-QUBA MOSQUE
<b>KAZAKHSTAN</b>	Astana	ASTANA HZ. SULTAN MOSQUE
	Astana	HAZRAT SULTAN MOSQUE
<b>MALAYSIA</b>	Kuala Lumpur	WORLD HARVEST CHURCH
<b>MALTA</b>	Mosta	MOSTA ROTUNDA CHURCH
<b>TURKEY</b>	Ankara	AHMET HAMDİ AKSEKİ MOSQUE
<b>SOUTH KOREA</b>	Chungcheongbuk-do	CHEONG-BUK CHURCH
	Daejeon	GA-YANG CHURCH
	Gyeonggi-do	LOVE AND GRACE CHURCH
	Gyeonggi-do	SUIN JUNGANG CHURCH
	Incheon	BUPYEONG JUNGBU CHURCH
	Jeollanam-do	SUNCHEON JEIL CHURCH
	JeollaNam-do	SUNCHEON JEIL CHURCH
	Seoul	BETHANY CHURCH
	Seoul	SEONGDONG CHURCH
Ulsan	ULSAN DONGIL CHURCH	
<b>SWITZERLAND</b>	Lugano	THE CATHEDRAL OF SAN LORENZO
<b>UAE</b>	Fujairah	SHEIKH ZAYED BIN SULTAN AL NAHYAN MOSQUE
<b>UK</b>	Bolton	THORNLEIGH SALESIAN CHAPEL

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<b>UK</b>	Kent	TUNBRIDGE WELLS BAPTIST CHURCH KENT
	Tewkesbury	TEWKESBURY ABBEY
<b>UKRAINE</b>	Chernovtsky	DESCENT OF THE HOLY SPIRIT CATHEDRAL
	Chernovtsky	SAINT ASCENSION CATHEDRAL
<b>USA</b>	Artesia, NM	FAITH BAPTIST CHURCH
	Atlanta, GA	WORD OF FAITH LOVE CENTER
	Austin, TX	ALL SAINTS PRESBYTERIAN CHURCH
	Beaverton, OR	FOURSQUARE CHURCH
	Bonita, CA	BONITA VALLEY COMMUNITY CHURCH
	Clarksville, TN	MOSAIC CHURCH
	Fennimore, WI	ST. MARY'S CATHOLIC CHURCH
	Punta Gorda, FL	BURNT STORE PRESBYTERIAN CHURCH
	Fort Myers, FL	FLORIDA CHURCH
	Gaithersburg, MD	PATHWAYS BAPTIST CHURCH
	Hendersonville, TN	THE TABERNACLE CHURCH
	Jacksonville, FL	NEW LIFE CHRISTIAN CHURCH
	Lancaster, TX	FIRST BAPTIST CHURCH
	Longmeadow, MA	CORNERSTONE CHURCH
	Memphis, TN	FIRST EVAN CHURCH
	Memphis, TN	HIGHPOINT CHURCH
	Minneapolis, MN	ST. ANDREW LUTHERAN CHURCH
	Monroe, WI	ST. CLARE CHURCH
	Nashville, TN	MOSAIC CHURCH
	Nashville, TN	FIRST PRESBYTERIAN CHURCH
	Newport, VA	HILTON PRESBYTERIAN CHURCH
	Oak Grove, MN	NEW LIFE ASSEMBLY OF GOD
	Olive Branch, MS	LIFE FELLOWSHIP CHURCH
	Philidelphia, PA	ENON TABERNACLE WEST
	Bartlett, TN	FULLVIEW MISSIONARY BAPTIST

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# SPORTS FACILITIES AND STADIA

## St. Jakob Park - Basel (Switzerland)

Basel, Switzerland - The St. Jakob Park, locally referred to as “Joggeli”, looks back on a long history. The largest stadium in Switzerland follows a new construction managed by the architects Herzog & de Meuron. After several extensions, St. Jakob Park is the first multifunctional venue in Switzerland with apartments, a shopping center, restaurants, department stores, and is also a UEFA Category 4 stadium. During the most recent modernization in 2020 and 2021, the owner, FC Basel 1893 renewed the entire sound system with RCF sound systems.

Martin Reich, CEO of audioconsulting ag, draws a first positive conclusion: “After the first few games, we have received very positive feedback. The music reproduction and the coverage by the new RCF systems have become more homogeneous in comparison, and speech intelligibility has also improved distinctly. With the line array systems, we can make much finer adjustments in terms of quieter and louder sections than was ever possible with the previous point-source loudspeakers.”

Due to the high acoustic requirements of the UEFA directive for a stadium sound system, the excellent experience with RCF loudspeakers in several Bundesliga stadiums, the decision was made to install loudspeakers from the HL, HVL and P Series. In total, the grandstand PA system comprises 205 HL 40 line array elements, 30 HS 2200 high-performance subwoofers for the main PA, and ten HVL 15 loudspeakers for the corner PA. A total of 330 P 4228 loudspeakers, specially manufactured in Basel-Red color, are used to reinforce the under-balcony areas and the walkways.

The RCF systems fulfilled all benchmarks in the decision of FC Basel 1893 as operator of the St. Jakob Park stadium and audioconsulting ag as an installer. The most important criterion was the improvement in speech and music reproduction, which is largely achieved. The audio system is also used for safety-related announcements, so it must guarantee the requirements of the Swiss SES guideline SN EN 50849. Equally crucial was a seamless transition from the old to the new system and excellent weather resistance and reliability parameters during day-to-day operation. The system can be controlled and monitored remotely, virtually down to the smallest transducer.





# SPORTS FACILITIES AND STADIA

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<b>AUSTRALIA</b>	Melbourne	COLLINGWOOD FOOTBALL CLUB
<b>AUSTRIA</b>	Taraun	EISHALLE
	Feldkirch	VORARLBERGHALLE
<b>AZERBAIJAN</b>	Baku	OLYMPIC STADIUM
<b>BOSNIA AND HERZEGOVINA</b>	Banja Luka	CITY STADIUM
<b>CHINA</b>	Hangzhou	QIANTANG ROLLER SKATING CENTER
<b>CROATIA</b>	Zadar	VISNJIK SPORTS ARENA
<b>DENMARK</b>	Copenhagen	PARKEN STADIUM
	Copenaghen	PARKEN STADIUM
<b>ESTONIA</b>	Tallinn	TONDIRABA ICE ARENA
<b>FINLAND</b>	Imatra	IMATRA STADIUM
<b>FRANCE</b>	Angers	STADIUM RAYMOND KOPA
<b>GERMANY</b>	Bad Breisig	RÖMER THERME
	Bietigheim	SPORTCENTER
	Bünde	SPORTHALLE BÜNDE
	Crailsheim	HAKRO ARENA
	Dortmund	HELMUT KÖRNIG HALLE
	Dortmund	SIGNAL IDUNA PARK
	Forst	WALDSEEHALLE
	Füsen	BUNDESSTÜTZPUNKT FÜR EISHOCKEY UND CURLING
	Hardtwaldstadion SV	SANDHAUSEN
	Hochseilshow	GESCHWISTER WEIHEIT
	Kiel	SPARKASSENARENA
	Koblenz	STADION
	Leer	SCHWIMMHALLE
	Lübeck	BUNIAMSHOF
	Luhe - Wildenau	GOLFPLATZ SCHWANHOF
	Mönchengladbach	BORUSSIA PARK
	Mönchengladbach	BORUSSIA PARK STADIUM

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# SPORTS FACILITIES AND STADIA

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## GERMANY

Mörfelden-Walldorf	SV ROT-WEISS WALLDORF E. V.
Oberhof	SKI LANGLAUF-MEISTERSCHAFTEN
Oldenburg	MARSCHWEGSTADION
Sandhausen	HARDTWALDSTADION
Sandhausen	SANDHAUSEN STADIUM
Siegburg	SPORTHALLE ANNO-GYMNASIUM
Trier	MOSELSTADION
Wiehl	WIEHLER WASSER WELT
Wilhelmshaven	JADESTADION

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## HUNGARY

Gyor	AQUA SPORT CENTER
Győr	AUDI ARENA GYŐR

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## IRELAND

Belfast	WINDSOR PARK STADIUM
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## ITALY

Assago (MI)	MEDIOLANUM FORUM
Bergamo	GEWISS STADIUM
Brescia	MARIO RIGAMONTI
Ferrara	PAOLO MAZZA
Massa Carrara	STADIO DEI MARMI
Naples	MARADONA STADIUM
Ancona	CITY STADIUM
Cagliari	SARDEGNA ARENA
Carpi	SANDRO CABASSI
Florence	CITY STADIUM
Ravenna	RAVENNA STADIUM
Reggio Emilia	MAPEI STADIUM
Rome	OSTIA PALASPORT
Teramo	CITY STADIUM
Trapani	STADIO POLISPORTIVO PROVINCIALE
Trento	ICE STADIUM PALASMERALDO
Trento	PALASPORT
Varese	ACINQUE ICE ARENA

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## JAPAN

Yokohama	YOKOHAMA STADIUM
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## LITHUANIA

Vilnius	ELEKTRENAI SPORTS ARENA
Kėdainiai	KEDAINIAI SPORTS ARENA
Kaunas	DARIUS AND GIRĖNAS STADIUM

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<b>MALAYSIA</b>	Kuala Lumpur	BUKIT JALIL (PA)
	Kuala Lumpur	BUKIT JALIL (SRS)
	Kuala Lumpur	DBKL STADIUM
	Kuala Lumpur	KUALA LUMPUR SPORTS CITY (KLSC)/ BUKIT JALIL NATIONAL S.C.
<b>NETHERLANDS</b>	Alkmaar	JUMPSKILLZ ALKMAAR
	Almere	YANMAR STADION
	Hertogenbosch	HOCKEYCLUB DEN BOSCH
	Hertogenbosch	HOCKEYCOMPLEX 'OOSTERPLAS'
	Hoofddorp	JUMPSKILLZ HOOFFDDORP
<b>NORWAY</b>	Purmerend	JUMPSKILLZ PURMEREND
	Oslo	JARLSBERG TRAVBANE HORSE RACETRACK
	Trondheim	GRANÅSEN WORLD CUP STADIUM (SKI JUMP)
<b>POLAND</b>	Trondheim	GRANÅSEN WORLD CUP STADIUM (CROSS COUNTRY)
	Mielec	MIELEC SPORTS AND ENTERTAINMENT HALL
	Radom	RADOMIAK RADOM STADIUM
	Szczecin	FLORIAN KRYGIER MUNICIPAL STADIUM
	Jakuszyce	SKI RACING AND BIATHLON CENTRE
	Katowice	KATOWICE SPORTS CENTER
	Łańcut	OSIR ZAMOŚĆ SPORTS, ENTERTAINMENT HALL, MOSIR SPORTS HALL
	Łódź	WŁADYSŁAW KRÓL MUNICIPAL STADIUM
	Łódź	UKS ANILANA SPORTS HALL
	Sosnowiec	ŻEROMSKIEGO STREET SWIMMING POOL
	Wrocław	HALL OF COMBAT SPORTS
<b>PORTUGAL</b>	Wrocław	KGHM ŚLĘZA SPORTS ARENA
	Warsaw	STADIUM GENERAŁA KAZIMIERZ SOSNKOWSKI
<b>QATAR</b>	Cacem, Sintra	QUANTUM PARK
	Sintra	UP-UP TRAMPOLINS
<b>QATAR</b>	Doha	AL GHARAFI SPORTS COMPLEX
<b>ROMANIA</b>	Ploiesti	ILIE OANA STADIUM
<b>SAN MARINO</b>	San Marino	SPORT COMPLEX OF SAN MARINO
<b>SLOVAK REPUBLIC</b>	Bratislava	SLOVAN TENNIS CLUB
	Žilina	TENNIS POINT
<b>SOUTH AFRICA</b>	Johannesburg	COCA COLA ELLIS PARK STADIUM
	Nasrec	SOCCER CITY STADIUM

# SPORTS FACILITIES AND STADIA

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<b>SOUTH AFRICA</b>	Nelspruit	MBOMBELA STADIUM
<b>SOUTH KOREA</b>	Paju	PAJU YONGSAN CAMP
	Suwon	ROTC INDOOR MILLITARY TRAINING GROUND
	Daejeon	DAEJEON WORLD CUP STADIUM
<b>SWITZERLAND</b>	Basel	ST. JAKOB-PARK STADIUM
<b>SWEDEN</b>	Stockholm	SOLVALLA TRAVBANA HORSE RACETRACK
	Stockholm	STOCKHOLM STADIUM
<b>THAILAND</b>	Bangkok	NONGJOK FUTSAL STADIUM
<b>TURKEY</b>	Antalya	ANTALYA STADIUM
	Bursa	BURSA STADIUM
	Eskisemir	ESKISEMIR STADIUM
	Konya	KONYA TORKU ARENA
	Mersin	MERSIN STADIUM
	Trabzon	TRAZBONSPOR STADIUM
<b>TURKMENISTAN</b>	Ashgabat	ASHGABAT OLYMPICS COMPLES
<b>UK</b>	Bangor	AURORA AQUATIC & LEISURE COMPLEX
	Belfast	RAVENHILL ULSTER RUGBY STADIUM
	Belfast	WINDSOR PARK STADIUM
	Newcastle	KINGSTON PARK STADIUM
	Newcastle upon Tyne	DANCE CITY
	Newcastle upon Tyne	KINGSTON PARK STADIUM
	Sheffield	FIRE HOUSE FITNESS
		FLIP OUT
<b>USA</b>	Atlanta, GA	MERCEDES BENZ NFL STADIUM, HOME OF THE FALCONS
	Birmingham, AL	BIRMINGHAM/JEFFERSON CONVENTION COMPLEX
	Charlotte, NC	BANK OF AMERICA STADIUM
	Cincinnati, OH	PAUL BROWN NFL STADIUM, HOME OF THE BENGALS
	Erie, PA	MERCYHURST ICE ARENA
	Jamaica, NY	AQUEDUCT RACE TRACK
	Kalamazoo, MI	WINGS STADIUM
	Kansas City, MO	ARROWHEAD STADIUM, HOME OF THE KANSAS CITY CHIEFS NFL
	Nashville, TN	BRIDGESTONE ARENA
	New York City, NY	NEW YORK RACING ASSOCIATION

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