

Global Reliable Fine Sound
世界信任的好声音



GRF AUDIO BRAND
PRODUCT MANUALS
产品画册

Dema (China)

Professional Sound



Guangzhou Dema Audio Technology Co., Ltd. (formerly Guangzhou Dema Electronics and Sound Ltd.) was established in 1989 and is a national high-tech enterprise. It is located in Hua Chuang Industrial Park, Jinshan Village, Shiji Town, Panyu District, Guangzhou, CHINA.

Adhering to the tenet of "Believe in the team, believe in the profession", the company has always been committed to the research and development and production of audio sound reinforcement systems, working hard for meticulousness, striving for excellence, constantly creating cost-effective products, keeping up with market changes, and creating the trend of the times.

We, the Dema people, have been working hard to create a leading independent research and development platform and efficient operation team in the audio industry. With our creative operating concepts, sincere and enthusiastic service attitude, proactive professionalism, honest and trustworthy corporate reputation. We have won the trust and faith of many customers in over 60 countries and regions around the world.

Company culture: Same goal; Same aspiration; Same

Business philosophy: "Value on innovation, quality, technology, integrity and service"

"Believe in the team, cherish talents, believe in profession, and strive for excellence"



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Company Qualifications

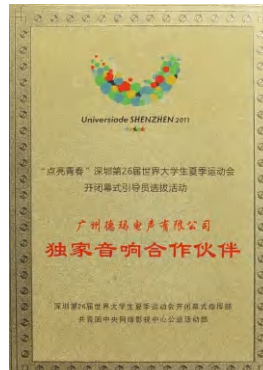
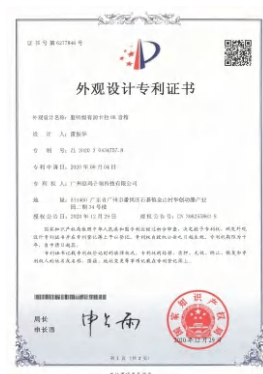
The company has passed ISO9001:2015 quality management system certification, ISO14001:2015 environmental management certification, ISO45001:2018 occupational health and safety management, supply chain management, integrity management, AAA corporate credit rating, five-star after-sales service, five-star brand certifications, and the products have passed third parties (CMA, Ilac*MRA, CNAS) laboratory product testing and CCC, Europe CE, CB certifications. The company has a number of computer software copyrights and new utility invention patents, and its products are equipped with EASE acoustic design software, SmartLive acoustic test, CLIO test system and other software.





RoHS

CB





GRF Grand Celebration of the 95th Anniversary of the Founding of the Communist Party of China at the Great Hall of the People

On the evening of June 28, a grand gala celebrating the 95th anniversary of the founding of the Communist Party of China was held at the Great Hall of the People. More than 6,000 people, including Party and state leaders and representatives from all sectors of society, attended the event.

The performance, themed "The Great Journey of the Party", was divided into four chapters: "Faith Shines Through the Years", "Forge Ahead in the New Era", "The People's Happiness", and "Towards a Bright Future". It used singing, dancing, poetry recitation, and live scene reproduction to vividly review the Party's 95-year glorious history of leading the Chinese people in revolution, construction, and reform, and eulogized the great achievements made under the Party's leadership.

The gala was a large-scale comprehensive artistic performance with high standards and elaborate production. The stage design integrated modern technologies such as LED screens, dynamic lighting, and holographic projections, creating a spectacular and immersive visual experience. The performance team, consisting of outstanding artists from across the country, presented a series of touching and inspiring programs that won warm applause from the audience.

The event was an important part of the national celebration activities for the Party's 95th anniversary, aiming to inherit and carry forward the Party's fine traditions, inspire the whole nation to unite more closely around the Party Central Committee, and strive for the realization of the Chinese Dream of national rejuvenation.

| Cases



GRF Grand South Africa-China New Year Art Gala: Victory and Peace

The GRF grand South Africa-China New Year art gala Victory and Peace was successfully held at the Johannesburg Expo Centre, celebrating the 2021 China-South Africa Year of Cultural Exchange and the Chinese New Year.

Event Highlights

Significance: This large-scale cultural exchange event marked an important part of the official cultural exchange activities between China and South Africa, aiming to enhance mutual understanding and friendship between the two peoples through art.

Performance Content: The gala brought together top artists from both countries, presenting a rich program of vocal music, dance, instrumental performances, and theatrical sketches. The title performance Victory and Peace paid tribute to the shared history of resistance against oppression and the pursuit of peace and development by both nations.

Technical Execution: The production team employed advanced stage technologies, including a 360° immersive LED screen system, dynamic lighting, and professional audio engineering, to create a stunning visual and auditory experience. The event was also live-streamed globally, reaching audiences in over 100 countries.

Reception: The gala received high praise from attendees, including diplomatic representatives and cultural leaders, for its artistic excellence and profound message of solidarity. It was widely reported as a milestone in China-South Africa cultural cooperation.



| Cases



GRF Film: The Rescue

An Action-Packed Spectacle of Courage and Sacrifice

Overview

The Rescue is a high-octane disaster action film produced by GRF, featuring cutting-edge visual effects and a star-studded cast. It tells the story of a team of fearless Chinese rescue workers who risk their lives to save others in the face of extreme natural disasters and man-made crises.

Key Features

Stunning Visual Effects: The film was shot with IMAX cameras and uses over 2,000 VFX shots to recreate massive disaster scenarios, including exploding oil rigs, collapsing bridges, and raging tsunamis, delivering an immersive and heart-pounding cinematic experience.

Authentic Storytelling: Based on real-life rescue missions, the screenplay was developed over five years, with strict consultation from professional rescue teams to ensure technical accuracy and emotional depth.

International Production: The film brought together a global crew, including Hollywood action directors and Oscar-winning VFX artists, to blend Chinese storytelling with world-class production standards.

Theatrical Impact: Released on July 25, The Rescue quickly became a box office hit, grossing over ¥500 million in its first week. It was praised by audiences and critics alike for its thrilling action sequences and touching human stories.

Technical Innovation

GRF's production team developed a proprietary underwater filming system and built full-scale sets of disaster sites to achieve unprecedented realism. The film also features a Dolby Atmos sound design that immerses viewers in the chaos of each rescue operation.

| Cases



The Ancient City Gate of Xi'an —— The South Gate (Yongning Gate)

A Living Witness to 1,400 Years of History

The South Gate, also known as Yongning Gate, is the oldest and most iconic gate of Xi'an's ancient city wall, with a history dating back to the Sui and Tang dynasties. Known as "the First Gate of the World", it stands as a symbol of Xi'an's profound cultural heritage and its status as a historical capital.



Historical Significance

Origins: First built in 582 AD during the Sui Dynasty, it was originally named "Anshang Gate". It was renamed "Yongning Gate" during the Ming Dynasty, signifying the wish for "eternal peace and stability".

Cultural Role: As the main ceremonial gate of the ancient city, it has hosted countless imperial processions and important events throughout history. Today, it remains a focal point for cultural celebrations and tourist activities.



Architectural Features

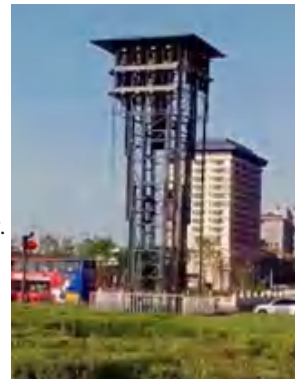
Structure: The gate complex consists of a main tower, an arrow tower, and a barbican, forming a sophisticated defensive system typical of ancient Chinese military architecture. The city wall itself is 12 meters high, 12-14 meters wide at the top, and 15-18 meters wide at the base.

Renovation: The gate has undergone multiple restorations, with the most recent large-scale renovation completed in 2014 to restore its historical appearance while adding modern facilities for visitors.

Modern Experience

Tourist Attractions: Visitors can walk or cycle along the top of the city wall, enjoy panoramic views of Xi'an's blend of ancient and modern architecture, and visit the museum inside the gate tower to learn about its history.

Cultural Events: The gate regularly hosts light shows, traditional performances, and the famous "City Wall Marathon", making it a vibrant hub of cultural activity.



| Cases



GRF Hunan Satellite TV Spring Festival Gala: Hunan Happy Night

A Vibrant Celebration of Chinese New Year
Event Overview

The GRF Hunan Satellite TV Spring Festival Gala, also known as Hunan Happy Night, is one of China's most-watched annual entertainment events. Broadcast live on Chinese New Year's Eve, it features a star-studded lineup of singers, actors, and performers, blending traditional Chinese culture with modern entertainment.

Key Highlights

Star-Studded Lineup: The gala regularly invites A-list celebrities from China and abroad, including top singers like Wang Leehom, actors such as Li Bingbing, and popular idol groups.

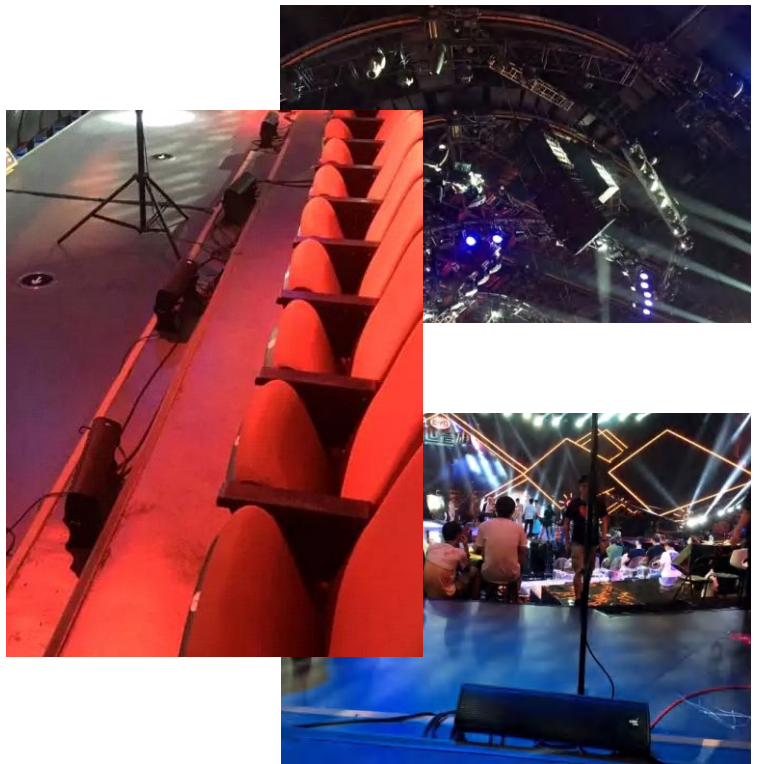
Cultural Fusion: Programs combine traditional Chinese art forms (like Peking opera, folk dance, and acrobatics) with contemporary music, comedy skits, and large-scale song-and-dance performances, creating a unique and engaging viewing experience.

Cutting-Edge Production: Hunan Satellite TV is renowned for its innovative stage design, which incorporates advanced technologies like LED screens, holographic projections, and dynamic lighting to create visually stunning effects.

High Ratings: Consistently achieving national ratings of over 3%, it is a staple of Chinese New Year celebrations, attracting hundreds of millions of viewers both in China and overseas.

Technical Excellence

The production team employs a 4K ultra-high-definition broadcast system and a 5.1 surround sound setup to ensure the highest audio-visual quality. The gala is also streamed live globally via multiple online platforms, allowing overseas Chinese audiences to join the celebration.



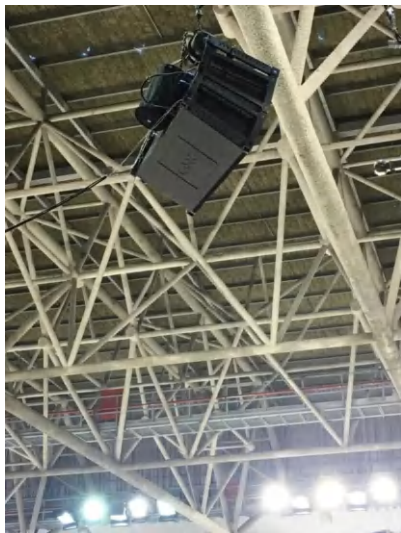
| Cases

Shanghai Three-Body Center

On September 9, the organizing committee of the 2017 "Three-Body Problem" Fan Carnival, jointly hosted by the Shanghai Three-Body Problem Culture and Art Development Center and the Shanghai Institute for Science and Technology Communication, officially announced that the carnival will be held from November 18 to 19, 2017, at the Shanghai World Expo Exhibition & Convention Center. Themed "Science Fiction, the Future, and Us," this event will be the largest offline gathering of "Three-Body Problem" fans in China to date. It will feature a variety of activities, including a "Three-Body Problem" themed science fiction exhibition, a fan creation showcase, a science forum, and a cosplay performance.

In addition, the organizing committee also revealed that renowned science fiction writers, scientists, and artists will be invited to attend the event, providing fans with a rare opportunity to interact face-to-face with their idols.

For more information, please visit the official website of the Shanghai Three-Body Problem Center or follow its official WeChat account.



In the 400-meter hurdles, the track features 10 hurdles. The first hurdle is set 45 meters from the starting line, and the distance between each subsequent hurdle is 35 meters, with the final hurdle 40 meters from the finish line. In the men's 400-meter hurdles, the hurdle height is 0.914 meters, while in the women's event, it is 0.762 meters.

The indoor 60-meter hurdles is a track and field event contested indoors, with a total of 5 hurdles. The first hurdle is placed 13 meters from the start, the spacing between hurdles is 8.5 meters, and the final hurdle is 10.5 meters from the finish. The hurdle height is 1.067 meters for men and 0.840 meters for women.

The hurdle race demands not only explosive power and speed but also precise rhythm and hurdle-clearing technique. Athletes need to maintain a consistent stride frequency between hurdles to avoid disrupting their rhythm. To enhance performance, many athletes adopt a "3-step rhythm" for clearing hurdles, which requires strong leg strength and excellent coordination.

During the race, the athlete's center of gravity fluctuates significantly. When approaching a hurdle, they lean their body forward, lift their lead leg high, and drive their trail leg to quickly pass over the barrier. Poor technique can lead to knocking over hurdles, which incurs no penalty but slows down the runner.



| Cases

GRT International Exclusive Live Broadcast

The 53rd World Table Tennis Championships

The 53rd World Table Tennis Championships (referred to as "Suzhou World Table Tennis Championships") concluded successfully. As the world's top table tennis event, it once again showcased the top-level skills of the world's elite players. The Chinese team's outstanding performance once again confirmed its dominant and irreplaceable position in world table tennis.

Over the past ten years, the event has returned to China. More than 210 players from 160 countries and regions gathered in Suzhou to compete. The competition was held in the "Paradise" Suzhou International Expo Center, which adopted a full-process, high-standard closed-loop management model to ensure the smooth progress of the event.

As a world-class sports event with a long history and great influence, the World Table Tennis Championships has always maintained a high level of broadcast technology. This event was broadcast in 4K ultra-high definition, and with the application of advanced technologies such as Slow-motion Replay and "Bullet Time", the viewing experience was significantly enhanced, bringing an immersive visual feast to global audiences.

The organizing committee also made comprehensive upgrades to the event's security system. It deployed a full set of intelligent security equipment, including high-definition surveillance cameras and intelligent access control systems, to ensure the safety of the event. Meanwhile, the event also focused on environmental protection, using a large number of recyclable materials and energy-saving technologies, demonstrating the concept of a "Green World Table Tennis Championships".

After the event, the Chinese team's excellent performance once again aroused heated discussions among global fans. The team's players not only demonstrated superb skills but also showed tenacious fighting spirit, winning widespread praise. This World Table Tennis Championships not only promoted the development of table tennis worldwide but also enhanced China's international influence in the field of sports.



| Cases



The 26th Summer Universiade

The equipment configuration of this Universiade not only focused on the professionalism of event support, but also highlighted the concept of green technology — the large-scale application of new energy vehicles pioneered green transportation for international sports events.

Professional audio equipment ensured the event's communication and on-site experience. The coordinated operation of various types of equipment not only met the operational needs of the largest Universiade held at that time, but also served as an important window for Shenzhen to showcase its technological strength and environmental protection philosophy.



After the event, most of the new energy vehicles were put into urban public transportation, realizing the long-term reuse of equipment and extending the value of the Universiade legacy.



|Domestic Cases

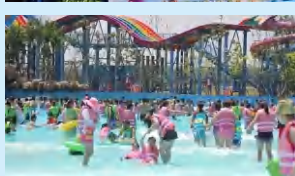
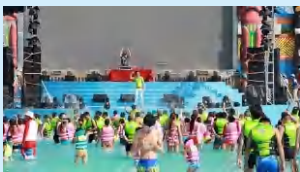


Yinji International Lehai Water World - Enjoy a Cool Summer with You.

As the largest water park in northern China, Yinji International Lehai Water World grandly opens, unveiling the mystery of China's first Global Ocean Adventure Theme park. Let's dive into Lehai Water World, where cool splashes are ready to greet you in Zhengzhou, and let's welcome this extremely hot summer together with joy and a burst of coolness.

Lehai Water World is one of the six major theme parks built by Yinji International Tourism Resort with an investment of hundreds of billions of yuan. Located in the southwest of Zhengzhou, it covers an area of about 10,000 square meters and is built strictly in accordance with 5A-level scenic spot standards. The park takes the famous French novel "Twenty Thousand Leagues Under the Sea" as its theme culture, and ingeniously plans four major areas based on the plot of the adventure: the entrance square area "Yangming Beach Adventure", the exhibition area "Adventure Submarine", the drifting area "Fantasy Coral Island", and the wave pool area "Style Sunshine Beach".

The park is jointly designed by a professional planning team from a global water park and the world's top water entertainment equipment manufacturer - Canada's WhiteWater West Industries, and all equipment is the latest globally imported equipment independently developed, striving to create a top-notch water amusement experience.



The essence of its health preservation lies in the mutual generation and restriction of yin and yang, and the balance of the five elements. It integrates the theories of traditional Chinese medicine such as meridian acupoints, viscera, qi and blood, and combines them with the modern scientific and technological means of "sub-health detection + meridian conditioning + DDS bioelectric therapy", aiming to fundamentally solve the problem of sub-health.

The two-part design of the instrument is matched with the special A-B patch. When in use, the A patch is placed on the lesion or the corresponding acupoint of the meridian, and the B patch is placed on the corresponding acupoint of the limb. It can make the current pass through the lesion or the corresponding acupoint of the meridian, and then through the limb, forming a complete circuit, so that the 22 meridians of the whole body can be adjusted, and the yin and yang of the viscera can be balanced, and the qi and blood can be circulated, so as to achieve the effect of treating both symptoms and root causes.

The instrument uses 64KHz bioelectricity, which is consistent with the bioelectricity in the human body. When used together with the patch, it can restore the bioelectricity in the body to normal, dredge the meridians, regulate qi and blood, balance yin and yang, and integrate health preservation and treatment.

|Domestic Cases



Hengyang Hengzhou Primary School Theater



Huamulan Xizhihui, Yucheng County, Shangqiu City, Henan Province



Auditorium and Conference Center of Qinghu Yuyuan Scenic Area, Xinjiang Zhongtai Chemical



|Foreign Cases



◀ Singapore



In Singapore, which is separated from Malaysia by a strait, GRF first arrived in this beautiful garden city as early as 2009, singing and dancing together with the Singaporean people.



◀ Indonesia



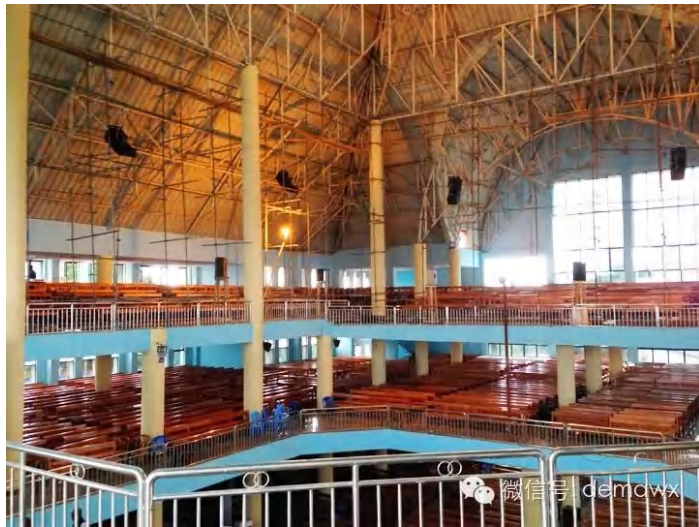
| Foreign Cases



◀ Maldives



In the Indian Ocean west of Indonesia lies the Maldives, a place world-famous for its otherworldly beauty. During the 2010 national defense performance, GRF linear speakers acted like "national defense guardians," providing solid support for the entire show.



◀ Congo



Moving further west, on the African continent lies the Congo, which, like the Maldives, is located on the equator. At the Baruti Tabernacle Church, GRF, installed high up on the church's towering dome, spread the gospel to all the believers.

| Foreign Cases



◀ Netherlands



◀ Denmark



| Foreign Cases



◀ USA



Not far from the southernmost tip of the United States lies a small island called Puerto Rico, where the people once experienced the inspiring campaign speeches alongside the GRF and listened to the elegant melodies played at the starlit concerts.

▼ Puerto Rico



| Foreign Cases



Ecuador ►



◀ Chile

Heading north from Ecuador, we visit Chile, the "Land of the End of the World." In 2009, at a large-scale outdoor performance, GRF shared the festive joy with the Chilean people and conveyed passion and hope for life.



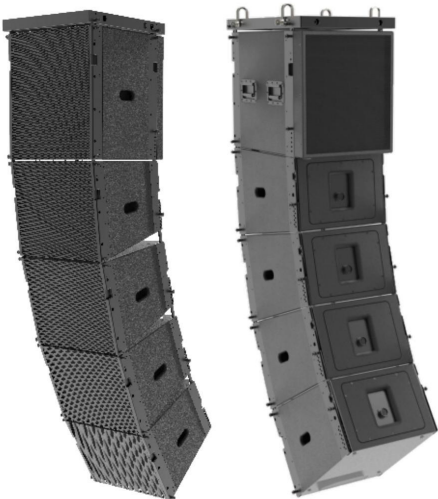
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Leading algorithm technology, adjustable directional sound system



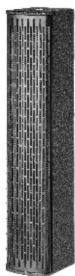
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Adjustable directional large array speaker
3D directional series



P04

Adjustable Pointing Large Array Series
Software adjustable multi beam



P06

Single beam $\pm 15^\circ$ series
Adjustable directional sound
column series



P08

2-beam $\pm 45^\circ$ series
BCB Dual Algorithm Series



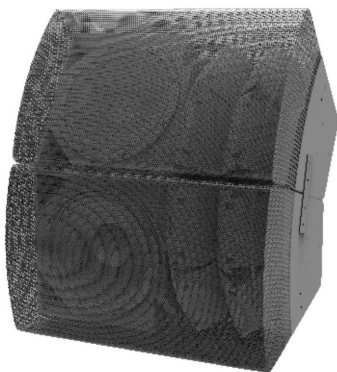
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2-Beam $\pm 45^\circ$ Splicing Series
BCB Dual Algorithm Series



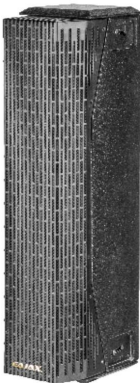
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8 beam $\pm 55^\circ$ series
BCB Dual Algorithm Series



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Waterproof variable pointing angle constant curvature speaker series



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Adjustable directional array sound column series



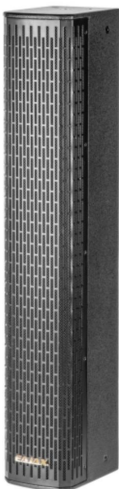
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Dante Active Linear Array Speaker Series



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Linear array sound column/Dante active ultra-low frequency speaker singing sound column series



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Dante Active Array Sound Column Series



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Dante Network Active Speaker Series



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Dante&AES67 POE Array Sound Column Series



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Dante&AES67 POE Ceiling Speaker Series



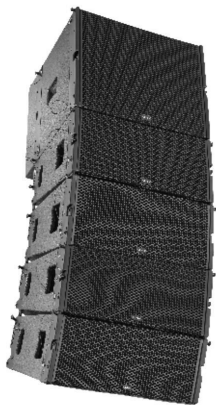
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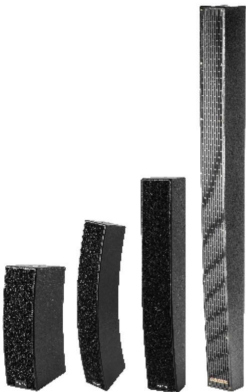
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Double 8 and 10 line arrays - Performance grade remote sound amplification speaker series



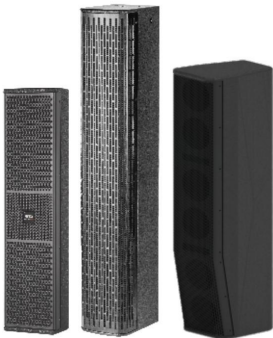
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Compact linear array speaker series



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Spliceable combination (multi angle) 3-inch sound column series



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4.5-inch sound column series



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High power array sound column series



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Multi functional plastic conference speaker series



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Two frequency array column/3-inch column series



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Coaxial speaker series



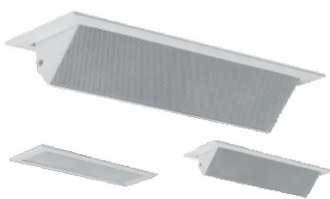
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HIFI frameless ceiling speaker series



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Full frequency coaxial electric ceiling speaker series



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Full frequency array electric speaker series

Passive Speaker



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KTV Entertainment&Monitoring



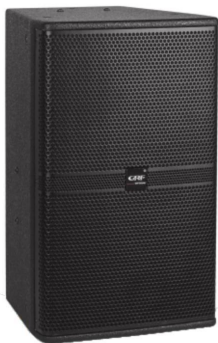
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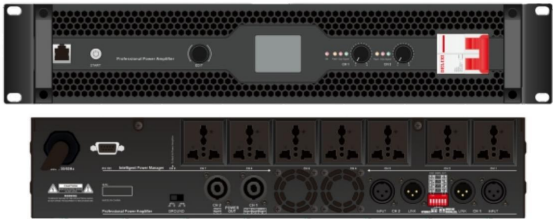
QS series/set series

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Power amplifier with timer



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Digital power amplifier series



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DSP+Dante Digital Power Amplifier -96K Sampling Rate
High Performance Level Series

Dante audio processor and peripherals



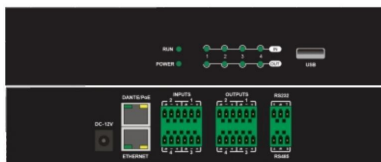
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Digital speaker processor -16 channel 96K sampling rate



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Screen Audio Processor Series



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Dante Converter Accessories Series



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Intelligent speech enhancement processor



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Da Lu Shu Analog Mixing Console Series



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Network version intelligent power sequencer

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