



Pro News

Spring/Summer 2011
english

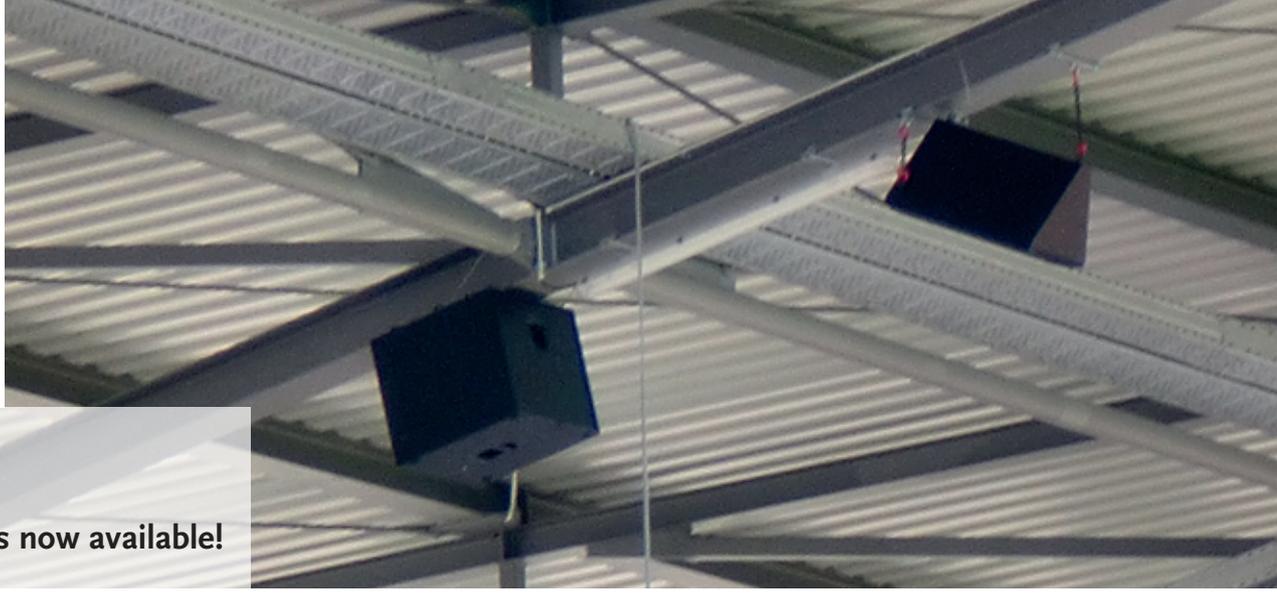


Audi Sportpark Ingolstadt, Germany with Vortis VR 11214

NEW: **SOUND
CADDY
ONE**



Vortis – Now available!



Vortis

installation series now available!

Excellent speech intelligibility, precise coverage patterns, flexible mounting hardware and unobtrusive design are key quality requirements today for loudspeakers used in fixed installations. The new HK AUDIO Vortis Series was specifically developed to meet the needs of this market.

At the heart of the VORTIS Series is a newly developed line of high-frequency horns. There are three different versions available:

- 60° (hor.) x 40° (vert.)
- 90° (hor.) x 55° (vert.)
- an asymmetric horn which vertically opens up from 60° at the top to 90° at the bottom with a constant vertical coverage of 55°

These horns are combined with six different full-range models from 8" to 2 x 12" to extend the frequency range towards the low end. Since the mouth of each horn has a square shape, all horn versions can be rotated by 90° to achieve an alternate coverage pattern. This effectively creates a total of 36 alternative speaker models for sound designers and architects to choose

from to fill any need. Additionally, all speakers are available in any RAL colour.

Due to the modular design of Vortis, long delivery terms are a thing of the past. All housings are kept in the warehouse unfinished, and are fitted with the horn and painted on demand. This system makes it possible to have all speakers in all RAL colours available within only a few weeks. The trapezoidal housings are angled to permit clustering and offer different mounting points for both vertical and horizontal implementation. The design of the new Vortis Series is elegantly conservative, rendering it ideal for integration into both modern and classical architecture.

A variety of accessories will also be available for mounting the Vortis speakers: from simple eyebolts, to standard U-brackets that allow you to mount speakers either horizontally or vertically, to fully adjustable brackets and cluster plates. For extended low-frequency response the Vortis speakers can be combined with subwoofers from the HK AUDIO IL installation line or ConTour Series.

The new Vortis Installation Series is now available!

New Vortis installation projects:

The stadium sound reinforcement system for the new 15,000-seat Audi Sportpark in Ingolstadt, Germany, consists of fifty-eight VR 11214 12"/1.4" loudspeaker cabinets, twenty CADIS CAD 115 Subs for the stands and another twelve VR 11214s for the field. The installation was done by German company Stage Systems. Managing director Norbert Labudda: "AUDI gave us clearly defined specifications to be met. 'Innovation through Technology' is their slogan and this spirit lives in every detail of this stadium. The new Vortis line made it fairly easy for us to meet their demands, and the client is really satisfied with the result, as are we."

The new Boisdale Club at Canary Wharf in London, UK, is quite a different type of reference. An unusually elegant affair filling over two floors of Cabot Hall, it houses a luxurious whiskey bar, wine and cigar shop, an amazing Cigar Terrace, a great Scottish restaurant, and the latest star among European jazz clubs. The sound reinforcement for the club stage consists of two VR 21214 2 x 12"/1.4" and VR 11214 12"/1.4" mid/high cabinets together with four CT 118 subwoofers and several ConTour Series monitors.



Vortis is available in any RAL colour



A week before its opening:
The Boisdale Club Canary Wharf in London/UK

ConTour Array at National University of Singapore High School

With a great reputation not only in Singapore itself, the National University of Singapore High School prepares the best pupils of the country for a demanding student life later on at the university itself.

For large scale lectures as well as reunions and theatre plays, the High School has recently upgraded its 700 capacity auditorium with a complete new sound system.

Singapore based distribution and installation company Peak Fusion installed an HK AUDIO ConTour Array as the main PA system. "The budget didn't allow for an extra center cluster, so we had to choose a line array system with a well defined wide coverage. The ConTour array offers 100° of horizontal coverage and a great intelligibility and this is exactly what was needed for this auditorium," comments Peak Fusion project manager Bernard Tan.

The system was chosen and designed in accordance with the needs and wishes of inhouse sound engineers Alex Seah and Delwin Chu. The flown arrays consist of each one CTA 118 active 18" Subwoofer and two CTA 208 2 x 8" / 4 x 1" mid/high units. Another two CTA 118 subwoofers are placed left and right of the stage on the floor to add more bass if needed. Some additional 12"/1" cabinets are wall mounted in the auditorium as delay lines. "We are using the PA mainly for speech and some Music Performances. As sometimes the system is also run by less experienced pupils, it needed to be easy to use and pretty feedback-stable. The ConTour array is really perfect for this", explains Delwin Chu.



Alex Seah, Delwin Chu, Bernard Tan (Peak Fusion)



The auditorium of NUSHS with the HK AUDIO ConTour Array as left and right PA

Latest Installs with CADIS



Super flexible:
The CADIS mounting hardware

The CADIS system, the Installation Array from HK AUDIO, was designed first and foremost for versatility. CADIS was developed for installations in theatres, civic and community centers, houses of worship, gymnasiums, and conference centers, as well as outdoor installation projects such as stadiums and theme parks.

The Compact Adaptive Installation System is noteworthy not only for its extraordinary flexibility

and sonic performance, but also for the ruggedness of its components (IP 44).

The CAD 208 mid/high unit is loaded with two 8" midrange speakers and two 1" high-frequency drivers in a concentric double horn. Since the horns have a dispersion angle of 100° x 15°, it is possible to achieve an excellent horizontal and vertical coverage pattern with just a few units. The flyable 15" CAD 115 subwoofer makes a perfect low-end complement to the system. With its smart mounting hardware, CADIS offers great flexibility. The system can be flown, mounted on a wall or mounted on a ceiling. With its unobtrusive yet upscale appearance, the new CADIS system will blend into the interior design of any given structure quite attractively, a fact made easier by its availability in all RAL colours.

On the market for less than two years, CADIS has garnered a long list of references world-wide. Of special note are the Bayer Leverkusen Bayarena, Germany and the Baranovich Ice Palace in Belarus, both of which helped to establish the product's market reputation from the very beginning. Since then, CADIS continues

to be employed in more and more applications throughout the globe.

Latest CADIS projects (partial listing):

- Multipurpose hall Appenzell and Bürgelen, Switzerland
- Strike Bowling & Event Center Wolfsburg, Germany
- Felsenreitschule Salzburg, Austria
- Nat. Museu de Ciencies Naturals Barcelona, Spain
- Ice Hockey Stadion Svetla n. Sazavou, Czech Republic
- Auditorio Independencia, Gobierno del Estado de México
- Gunpo Art Center, South Korea
- Serangoon Junior College, Singapore
- Swan Christian College, Perth, Australia



A Tradition of Excellence: The CT108 Gets Even Better!

The HK AUDIO ConTour Series CT 108 already enjoys an excellent reputation as an extremely compact passive loudspeaker system. With its minimal dimensions, the CT 108 delivers high SPL with a very smooth frequency response – without even requiring an external loudspeaker controller! Thanks to its versatile housing, it can wear many hats, quickly and easily changing roles from spoken word or front-fill to delay or stage monitor.

Since the CT 108 has already been on the market for several years in its original form, it was time for an upgrade. To add to its versatility, the CT 108 can now be stand-mounted. When used in this way, the included MonoTilt pole mount tilts the speaker downward by 3°, angling it more directly at the audience and away from reflective surfaces like the ceiling or walls, thereby using the sonic energy most efficiently.

It was essential for us that the sonic character of the original cabinet be faultlessly preserved. After all, we wanted earlier models of the CT 108 to be used with the new version interchangeably.

We've saved the best for last: in spite of the upgrade, the price of the new, improved CT 108 remains the same!

For more challenging jobs and applications where the speakers need to be flown, the tried and true L-bracket is of course still available, now with your choice of stand-mounting cup or TV-spigot.

The CT 108 Event Set –
a practical little help kit on the road



facebook

Join us on Facebook: www.facebook.com/hkaudio



CT 108 becomes a standard in the UAE

The CT 108 8”/1” multi purpose cabinet gains more and more friends in the United Arab Emirates. One of the latest new CT 108 owners is Delta Sound, a dedicated pro audio specialist providing support to major production and equipment rental companies in the UAE. Projects completed by Delta Sound include the stunning opening of the Atlantis Hotel, George Michael, F1 events in Abu Dhabi and numerous corporate events. After a smaller initial order, Delta Sound meanwhile own 32 units of the smallest ConTour Series cabinet.

Other companies relying on the performance and the flexibility of CT 108s include AV Concepts, a Dubai rental firm focusing on corporate and live performance events, and Clean Edge, also based in Dubai.

“Everybody we have demonstrated the CT 108s to have been impressed with the output of this cabinet,” commented Dino Drimakis,

Delta Sound and AV Concepts with their new
CT 108 cabinets

Business Development Manager at HK AUDIO distribution partner Melody House. He added, “its compact nature and multi functional housing is the icing on the cake as it allows companies like AV Concepts to use them in various manners for different kinds of events.”





COHEDRA has Summadayze and Big Day Out in Australia

Over past few years Australia has been fortunate to see a significant increase in the amount of Festivals during and now beyond also summer. But two of the main attractions every year are the Summadayze music Festival and the Big Day Out. Both events attracting 10's of thousands of people to each location and both have an array of world class performers.

This year in Queensland the HK AUDIO COHEDRAS Line Array made an appearance at both festivals thanks to IJS Logistics.

Summadayze was back in 2011 with an all new look, based on the Gold Coast this event took place on the New Years Eve weekend and despite all the rain and natural disasters going on in sunshine state at the time Summadayze still managed to attract huge crowd numbers.

The HK AUDIO COHEDRA took up the responsibility of sound reinforcement for the OASIS stage with acts such as Tinie Tempah, Riva Starr, Plump DJ's and Trent Moller. "The system got quite a work out" says Rob Bird IJS's systems engineer. "We reinforced the low end a bit as this

was dance music, it sounded great and everyone was happy – what else do you want?!" he continued.

The system consisted of 24 x CDR 208, 24 x CDR 210, powered by PR 16 amp racks with FirNet controllers and VX 2400 amplifiers.

Later on in January the Big Day Out tour made it's way around the country for the 18th time. This festival has become one of the most recognized, successful and long running rock festivals in the world. IJS in Brisbane has been working with the Big Day Out for many years supplying Audio for the majority of the stages as well as Backline, Crew and other logistics.

This year the Local Stage on the Gold Coast was graced with have a HK COHEDRA as the Front of House system. The stage was hosting such bands as Lynchmada, Electric Horse, The Kidney Thieves and the Delta Riggs just to name a few. Also on this stage was an HK AUDIO ConTour series monitor system consisting of CT 112 and CT 115 bi-functional cabinets to give the local performers plenty of volume for their on stage mix.

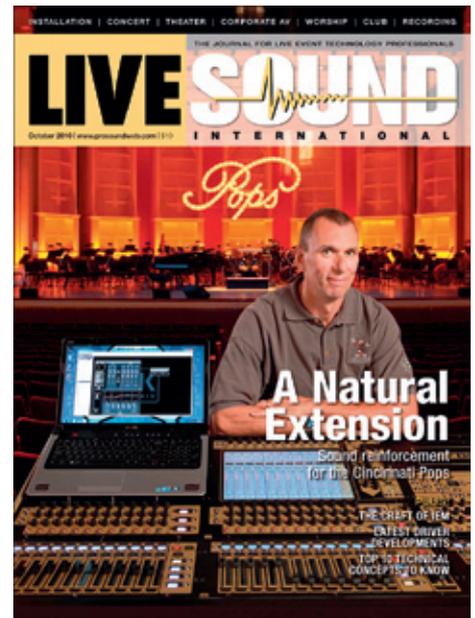


Cincinnati Symphony and Pops Orchestra – Revisited

In the summer of 2010, the highly regarded Cincinnati Symphony & Pops Orchestra (CSO) invested in a large COHEDRA system with thirty CDR 208 and twelve CDR 108 C mid/high cabinets, eight CT 108 frontfills plus eight CDR 210 F and eight CDR 210 Subwoofers.

Trade press from around the world reported on the official opening concert with film music legend John Williams. Since that time, the CSO has had plenty of opportunity to try out their new COHEDRA system in a great variety of configurations. Enough reason to check back in now and see how things have been going. Ralph Larocco, Stage Manager and Sound Engineer of CSO, recently sent us the following statement:

“We've been working with COHEDRA for nearly nine months now and have done about everything you can do with it – from large 10,000+ audience outdoor shows at Riverbend Music Center to more intimate indoor concerts at Cincinnati's Music Hall to ground-stacked configurations in other venues. The end result in each case has been superb. The system is even more flexible than we thought, providing the orchestra with proven consistency and clarity in all of its amplified performances. And the best for me as the sound engineer: COHEDRA is really predictable in any and all configurations so you always know what to expect from it.”



Ralph Larocco and COHEDRA on the cover of the American monthly Live Sound Magazine



Editor's note: Whoever hasn't seen it yet should visit the video section of www.hkaudio.com and view the feature about the Cincinnati Symphony Orchestra at <http://hkaudio.com/video.php?id=120>



COHEDRA COMPACT User Network Expands in Southwest Germany

The COHEDRA COMPACT User-Network in southwestern Germany has just added three new members, all at the same time: Prolite Event GmbH from Balingen, Elektro Lachenmaier from Empfingen and Elektro Weber from Seedorf.

“Our company, Prolite Event GmbH, has been working with HK AUDIO for several years now, originally with the T-Series and R-Series, and then we transitioned to ConTour Series and ConTour Array Systems”, says General Manager Frank Pfister.” But as we've grown, we have often found ourselves needing even more powerful FOH systems, and so the next logical step for us was to add COHEDRA COMPACT to our stock. And in conversations with our colleagues in the business, we discovered that they too were interested in investing in line arrays – so why not all make it the same system so that we can rent from each other as the need arises?”

Thomas Weber of Elektro Weber adds, “But before we made the decision to go with COHEDRA COMPACT, we did demo several other systems for comparison. Several things made the decision easy for us: COHEDRA COMPACT's high output, its compact construction and light

weight, the system's immense scalability, and the sound quality we are accustomed to getting with HK AUDIO.” Stefan Lachenmaier of Lachenmaier Event Technik comments: “For regionally active rental companies like ours, COCO is just perfect, because the system handles such a broad range of events, from small to quite large.”

All told, this three-member network located between the Black Forest and Swabian Alps now has a total of 40 HK AUDIO CDR 108 C mid/high units as well as a large number of CDR 210C and CT 118 subwoofers at their collective disposal. And if you count the Singen Civic Center under the technical direction of Thomas Obeth and their 32 CDR 108 C cabinets and several CDR 210 and CDR 210 C subwoofers, that makes four network members who can rent from and to one another on special occasions.

Through sales, rental and technical services, the firms Prolite Event GmbH, Lachenmaier Event Technik and Elektro Weber offer a broad spectrum of professional performance capability ranging from live event technology to fixed installation expertise to trade show construction services.



Frank Pfister – Prolite Event GmbH (left), Thomas Weber – Elektro Weber GmbH (right)

With the addition of their new COHEDRA COMPACT Systems, the three are now in even better position to handle their client's needs and wishes with great flexibility.

www.prolite.de

www.elektroweber.net

www.et-lachenmaier.de

Live Han: New COHEDRA User in Korea

Midgraphics, HK AUDIO's distribution partner in Korea, reports that a new HK AUDIO User has joined the fold: The rental company Live Han, whose core business is providing professional sound reinforcement for events and festivals, has recently become the proud owner of a 2 x 8 HK AUDIO COHEDRA System consisting of sixteen CDR 208 mid/high units, twelve CDR 210 Subs and four CDR 210 F flying subwoofers. Live Han also added four CT 115 15"/1.4", eight CT 112 12"/1.4" and CT 108 8"/1" full-range cabinets from the ConTour Series. Two FirNet Controllers round out their new equipment acquisition. The firm's managing director Younyong Choi emphasized: "We made it our mission to be one of the best live sound

companies in Korea. Our new COHEDRA System gives us the advantage of being able to serve our clients with great flexibility by offering excellent equipment that scales up or down for all sizes of application; and thanks to its defined system design we can add to it as needed by renting additional pieces from other members in the HK AUDIO network."

Noil Song from Midgraphics adds: "Live Han's previous sound system was bound to hit a wall sooner or later. They now wanted more capable cabinets of the best quality as well as a speaker system that was easy to use. With COHEDRA from HK AUDIO, the firm is now ready for everything."



Free software upgrade makes ICON LTS even more efficient!

The ICON LTS (short for Long Throw System) was primarily designed for sound reinforcement situations in which the PA rests either directly on the floor or on the stage. This horn-loaded active sound reinforcement system with integral digital controller and more than 10,000 watts of Class-D output power sets new standards for sound quality, signal processing and cost-effectiveness in this product class.

Now, 18 months after initial product release, there is a firmware update (V1.03) available that makes this system even more efficient. The internal Gain and Limiter settings have once again been optimised, resulting in even greater headroom and more richly detailed sound reproduction. Also available is the new version V5.460 of the Podware Remote Control PC Software with expanded feature set.

All current owners of the ICON LTS can update their systems at any time. The update package is now available in the Download section of the HK AUDIO website www.hkaudio.com, or can be requested from us directly via email.



Music Connections Oman purchases first HK AUDIO ICON systems

Melody House, distributors of HK AUDIO speaker systems in the UAE have recently supplied Music Connections with the first ICON systems in the Middle East. Music Connections, based in Muscat are professional service providers for sound, lights, video and backline for various corporate events and concerts. Clifford D'Silva, owner and MD of Music Connections comments: "After ICON was demoed to us we immediately ordered one system. But when we then had done the first few gigs with ICON we were so happy with the results that we ordered another full system straight away. The sound is very powerful yet still transparent and the handling is very intuitive. Just perfect for a lot of our events."



Bjarne Duncan (left) und Morten Maleschyn (right)

Danish Demo Partner for HK AUDIO

Duncan Productions of Roskilde, Denmark, an enthusiastic COHEDRA COMPACT user for several years, is now also a demo partner for HK AUDIO's Scandinavian distributor Luthman. The firm recently added substantially to its stock of HK AUDIO equipment. In addition to the COCO system, their inventory now includes more than 60 cabinets from the ConTour Series, two ICON LTS systems plus the new ELEMENTS. Owner Bjarne Duncan comments: "For a long time now we've been wanting to settle on one audio brand. Since we've been very satisfied with COHEDRA COMPACT for several years now, the decision was easy. So, over time we have systematically been swapping out our old equipment from other distinguished manufacturers and acquiring practically the entire HK AUDIO Concert Sound Portfolio in its place." Anders Schärer, product manager at Luthman, adds: "Luthman is the distribution partner for HK AUDIO throughout all of Scandinavia with headquarters near Stockholm in Sweden."

To make it possible to provide product demos efficiently on short notice, it makes sense for us to establish relationships with regional demo partners and depend on them for their logistics and equipment. Duncan Productions perform in an absolutely professional manner, they are well established in the industry, and they always keep their equipment in top condition – all outstanding prerequisites for this level of collaboration."

Chief technician Morten Maleschyn speaks about the ICON LTS System: "For our club gigs and street fairs we had an older ground-stacking system that matched a lot of riders, but after a few test gigs with ICON, it was no contest. I currently know of no other system that delivers so much output and long throw in such a relatively compact package. And the stacking height and the integral DSP controller make club jobs that much easier. I usually don't need any risers for the PA, nor any external EQs or controllers any more."

www.dunkan.dk

Italian Rental Company Invests in ConTour Series

The Italian rental company Fonen recently stocked up its inventory with an HK AUDIO ConTour Series system. Based in Florence, the enterprise stages predominantly classical, jazz, and ethnic music concerts. It also specializes in sound reinforcement for theaters. Fonen CEO Andrea Tamassia has been an enthusiastic HK AUDIO user since the late '90s. He has extended his equipment pool with an HK Audio ConTour rig to improve the company's offering of sound systems, particularly for classical and ethnic music.

Michele Greco, audio engineer and system tech at Fonen, had previously used an ConTour system at an opera festival. He was delighted with its stellar sound, which ultimately prompted the decision to buy. Michele notes, "I love the sound of HK AUDIO speakers, especially when it comes to rendering acoustic instruments or orchestras. Their warm and accurate response makes ConTour series cabinets the perfect choice for me. However, the sound is also fantastic when the situation calls for higher volume and more sound pressure."

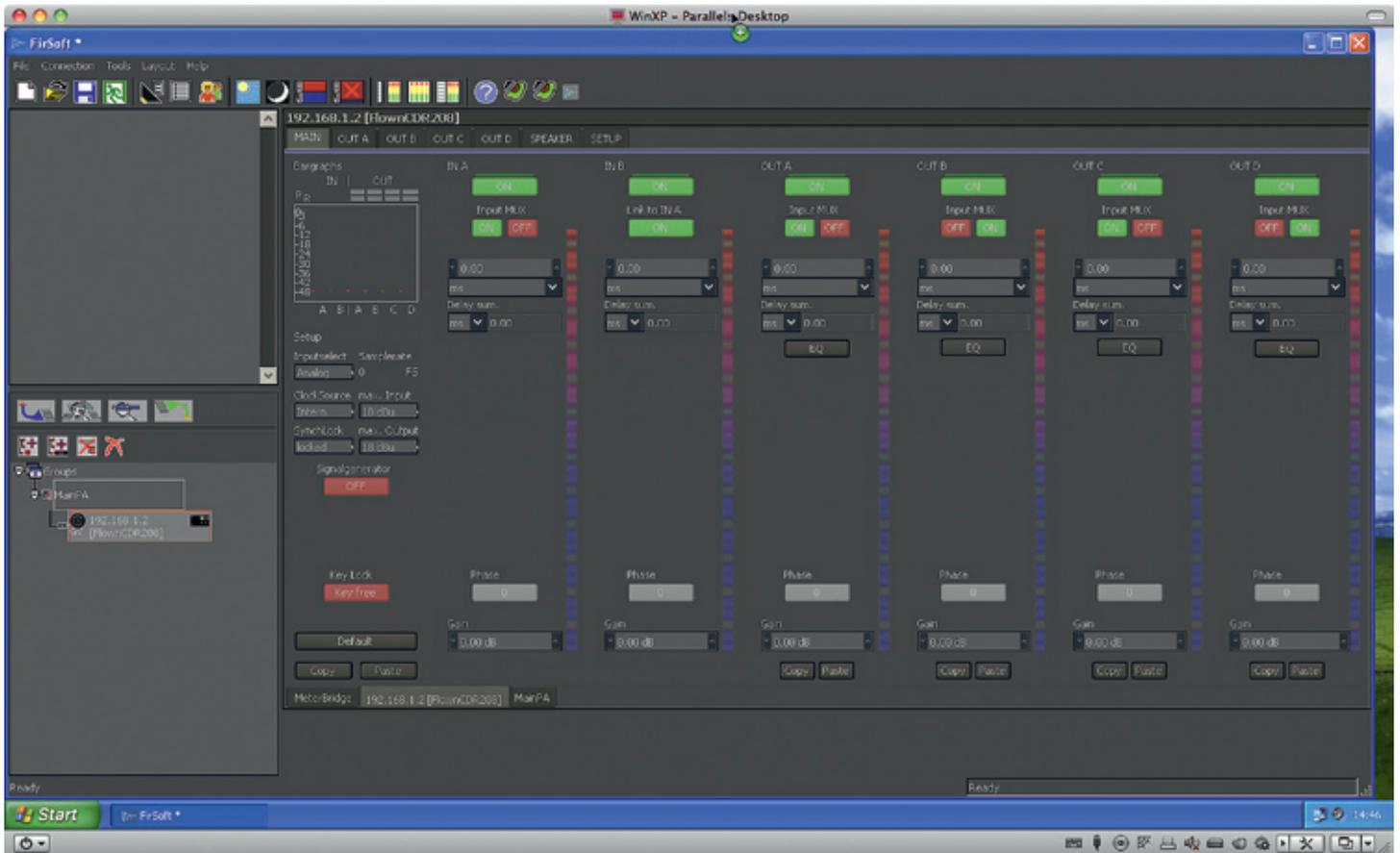
Michele recently used the ConTour system for the season-opening gala of the Teatro Dante at Campi Bisenzio near Florence. Six CT 112 mid/high range units and CT 118 subs provided the audio underpinning for the gala performance of Benvenuti al Dante.



Andrea Fortini, Andrea Tamassia, Alessio Lotti und Michele Greco (from left to right)



The HK AUDIO ConTour system in the Teatro Dante at Campi Bisenzio near Florence on the first day of preparations for the season-opening gala



Pimp your FirNet! New FirSoft Remote Control Software for the FirNet Controller

Thanks to the new FirSoft remote control software, the FirNet Controller now offers much greater flexibility and a wealth of new features! Overview of the most important new features:

Group Concept

In FirSoft, groups can be set up on as many as six different levels, making it possible to subdivide larger sound systems into sensible groups, and giving the user the option of managing the operation of all controllers of any given loudspeaker group together.

Loudspeaker Data Sets and Signal Routing

With FirSoft, the operator can assign any loudspeaker data set from the complete HK AUDIO product range to any audio output of a FirNet Controller. Moreover, both input signals can be freely switched to any or all of the four outputs. So for any given loudspeaker combination, this routing flexibility makes it possible to utilize all available HK Power Racks with maximum effectiveness.

The pre-assigned quad-groups of loudspeaker combinations used until now can continue to be used as presets for the simplest of operations – a library with pre-existing presets is being made available by HK AUDIO. The user can also set up and save his own presets to call up frequently used loudspeaker combinations easily.

More EQs

In each output the user has at his disposal six fully parametric filters. In the groups, the number of fully parametric filters available is practically unlimited.

Offline Configuration

In addition to scanning and controlling a live network of FirNet Controllers, the user can now prepare entire system setups in offline mode, i.e. without the computer actually connected to the FirNets. All settings such as loudspeaker data sets, signal routing, EQs and so on can be worked out ahead of time, and this data can then be transmitted to the live FirNet Controllers



on site afterwards. This feature permits careful planning and precise reproduction of an entire sound system and can save valuable time during the setup phase.

New Detail Views

The new display windows for Device, Meter Bridge and Groups provide an improved overview and faster access to all relevant parameters of the controlled sound system. The Meter Bridge can be used as an independent window to show the most significant system status information on a second monitor display screen.

Automatic Update Function

On start-up FirSoft automatically checks the HK AUDIO website for updates for both the software itself as well as for the firmware embedded in the FirNet Controllers and the loudspeaker data sets, and informs the user if newer versions are available. This guarantees that all users have direct access to the most up-to-date versions at all times.



The new version of FirSoft and the firmware update for FirNet Controllers are available immediately in the Download area of www.hkaudio.com!





Beijing's Water Cube Gears Up with an HK AUDIO Sound System

The National Aquatics Center (NAC) in Beijing, China, was built for the 2008 Olympic Games. The colossal 12,000 square-meter indoor pool facility at the center of the Olympic Green is one of the world's largest and most modern water parks. The NAC is also a highlight among Beijing's new attractions.

The water park opened to the public in the wake of the Olympic Games. Affectionately nicknamed the Water Cube by Beijing's residents, it now serves as a public swimming pool and venue for smaller events.

The Chinese HK Audio distributor Melody Development installed a new sound system in the Water Cube on a customer's recommendation. It comprises ten HK AUDIO ConTour Array CTA 208 mid/high units and four ConTour series CT 118 subs, managed by one DSM 2060 controller.

The system provides sound reinforcement for background music as well as for performances in the water park. The CTA 208 mid/high units and CT 118 subs cover both the near field and long throw distances. The house system's digital controller automatically delivers the source signal for background music to conjure a relaxing ambience. The sound system is also designed to take a direct feed to provide premium sound for artists, dance performances, and speeches.



ELEMENTS being used in London's Southwark Cathedral

Fourth Dimension AV add Elements to their hirestock

Based in Sevenoaks, Kent, UK, Fourth Dimension AV offers the highest quality audio visual services available on the market today. Whether it is rental, installation, webcasting or simultaneous interpretation systems and services, the company provides premium services to corporate customers such as Mc Donald's or IBM. For their rental stock of sound reinforcement systems, Fourth Dimension recently invested in Elements with a total of twenty-four E 435 mid/high units, several EA 600 amplifier modules and E 110 passive subwoofers, plus accessories.

Managing director Christopher Ruel comments: "It is a fantastic product for the conference and corporate market. We work in a lot of prestigious venues and the discreet design of Elements just fits perfectly. We mainly use these systems for speech reinforcement, and their coverage and intelligibility is much better than that of our previous conventional cabinets. But we've also used them for some live performances together with the subs several times and were really impressed. Our crew loves them because they are so compact, lightweight and scalable, and they cut down set up time massively."

www.fourth-dimension-av.co.uk

Elements in Turkish Mosque

Turkish HK AUDIO distribution partner Ertekin Elektronik has recently equipped a prominent Istanbul mosque with a new sound reinforcement system: the Süleymaniye Camii, the second largest mosque in the city. For this project, which was supplied through Ertekin's dealer ANC Elc, the new sound system was based around Elements components. The mosque has installed 60 E-435 mid-high units hung above the light fittings inside the prayer hall. Power for the speakers is supplied via 15 Elements EA-600 600W amps.



Latest News

Media Resource Group, a large rental company based in Crailsheim, Germany, also recently added 30 E435 mid-/high-range units, ten E 110 Sub A active subwoofers, and matching Elements accessories to its equipment pool.

Commenting on the decision to buy Elements, Michael Frank, one of the enterprise's chief executives, noted, "The enclosures are very small and unobtrusive, so they're perfect for us to deploy at events and conferences."

www.mediaresourcegroup.de

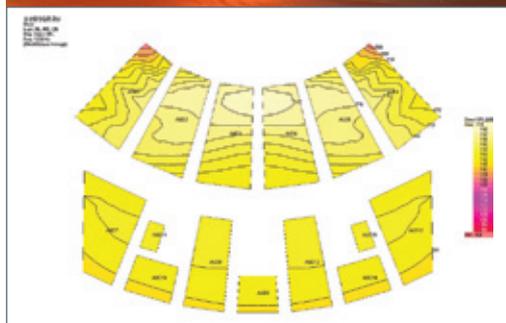
Hyosung Central Church relies on HK AUDIO

Hyosung Central Church in Incheon City, South Korea, has installed a new sound system built around a COHEDRA line array. The system was designed by Noil Song of local supplier Midi-graphics and installed by J-Vision.

Left and right hangs of eight CDR 208 cabinets each below two flown CDR210F subs provide coverage for the 1,700-seat hall. Four COHEDRA COMPACT CDR 108C cabinets add centre fill.

Power for the line array comes from three Lab.gruppen FP10000Q amps, with the centre fill powered by an HK Audio VX2400. The monitor system is also from HK Audio, consisting of CT 112s and CT 108s. IL 80 TW and IL 80 TB speakers from the HK AUDIO Installation Line are used as nearfills in the auditorium, as well as for public address in the foyer and the children's room.

According to Mr Song, there were several reasons behind the selection of the COHEDRA line array. "The sound is great and natural. The array's long-throw character delivers the sound with great speech intelligibility all the way to the back rows – very important in our church. The sound of the 10-inch subs is clean, low, and solid, and the compact size of the cabinets means they don't block the audience's view."



IL 80 TB speakers in the children's playroom

Sounddock 14 Club in Dietikon with new Monitoring

When international acts like Nazareth, Ten Years After, The Hooters, Mothers Finest or Testament work the small town of Dietikon, Switzerland, into their touring schedule, Sounddock 14 is the reason. This live club, which is run as a family business, is an authentic alternative to well known venues in Zurich or Basel, because the staff at Sounddock 14 is passionately dedicated to serving the club, its guests, and the artists who perform there.

When it came time for the club's aging stage monitors to be replaced, pro sound company Megatron Veranstaltungstechnik AG from Mellingen, Switzerland was called in for consulting. Management attributes great importance to monitoring, especially in light of the calibre of national and international artists who regularly appear there.

In the decision process leading up to the selection of new monitors for Sounddock 14, the CT 112 12"/1.4" speaker from the ConTour Series was the clear winner. In respect to cost, power, and operation, the CT112s were seen as an optimal solution for both the club and its in-house engineer. All involved stakeholders were completely won over by the performance of these dual-function models.

House engineer Jürgen Broger comments: "The HK Audio ConTour monitors let me operate with a massive amount of gain before feedback and huge system headroom, even with the loudest bands. And because of their outstanding acoustic response, they don't need as much EQing as other monitors. They really cut through on stage, giving the musicians an excellent ability to hear themselves well, even when the level on stage is very high."

The new monitor system, which consists of four left-hand and four right-hand versions of the CT112, has been in use for several months now. The controlling is handled by three HK AUDIO DSM 2060 Controllers, allowing the creation of as many as six discrete monitor mixes.



House engineer Jürgen Broger, club manager Romina Küng, and Matthias Hösl from Megatron Veranstaltungstechnik Ag

Fast, faster SOUNDCADDY ONE!



These days, time is tight and budgets are even tighter at many events. Still, people expect audio equipment to deliver quality sound, particularly when it comes to rendering speech. SOUNDCADDY ONE, a fully integrated sound system, is the perfect solution to this dilemma. A mixing console, controller, mid-/high-unit, subwoofer, speaker cables, and even a pneumatically extendable speaker pole – all this has been united in a powered all-in-one system. Designed for smart, intuitive handling, it sets up and tears down in a snap and takes up very little cargo space.

This mobile miracle in sound reinforcement gets the job done in schools, churches, government offices, and car dealerships, at conferences, exhibitions and fashion shows, and for product presentations. SOUNDCADDY ONE's line-array design delivers optimum frequency response, spreading speech and music evenly from the front to the back row.

Fast, Faster, SOUNDCADDY ONE!

SOUNDCADDY ONE is up, running, and ready to use in no time at all. Everything you need in a portable PA is packed into this remarkably convenient and elegant 'caddy.' Equipped with integrated wheels, handles, and protective edge guards, it is easily and quickly transported.

And life is just as easy once you arrive at the venue: Simply extend the mid-/high-unit pneumatically, connect the signal sources to the integrated four-channel mixing console, and the system is ready to go. SOUNDCADDY ONE, a bona fide HK AUDIO plug & play system, sounds as good as it handles. Featuring six custom broad band speakers in vertical array, SOUNDCADDY ONE

offers all the superior benefits of a line array. Its 70° horizontal coverage pattern spreads sound evenly throughout the audience area.

The on-board subwoofer is loaded with three 6" woofers that provide the perfect underpinning for the lower frequency range. And with all that, SOUNDCADDY ONE renders speech and music with remarkable authority and power. It can even deliver satisfying fullrange sound for smaller live concerts.

The SOUNDCADDY ONE System

This active all-in-one sound system features an integrated 600 W Class-D power amp and a four-channel mixing console. Made of die-cast aluminum, the mid-/high enclosure is loaded with six 3.5" broad band speakers with excellent reach, intelligibility, and a 70° horizontal coverage pattern. The pneumatic speaker pole automatically extends the system to a height of 2.10 meters.



The subwoofer's three 6" woofers reinforce bass and low midrange frequencies. The 19-mm birch plywood housing features recessed grips, wheels, and edge guards for easy, safe transport. A protective cover is included.



Integrated 4-channel Mixing Console

This unit provides two mono channels (Mic in/Combi in) with Volume and Tone knobs and a Neutrik combo port for XLR and 1/4" cords. Two stereo channels (Line In/Aux In) sport Volume and Contour knobs. One is equipped with two Neutrik combo inputs; the other with RCA connectors and a 3.5-mm mini jack plug.

The XLR Line Out sends the signal to a second SOUNDCADDY ONE system in mono or stereo mode. The RCA Recording Out serves monitoring purposes and to send the signals to further devices. It also offers a separate Bass knob for the subwoofer and a Power On/Limiter LED for visual monitoring.

Integrated handles, wheels, and edge guards for fast, safe transport