

# newsflash

spring  
2008

The EVI Audio Magazine



## EDITORIAL

The focus of our Spring issue is once again the ProLight+Sound show in Frankfurt. No wonder, since the world's leading pro audio trade fair is one of the most important dates on our calendar. As is the case each year, we've put together a tremendously attractive package for the 2008 show. Between our booth (E70) in Hall 4.1 and the Agora Marquee (in the central piazza between Halls 3, 4 and 5), you'll find any number of good things to see, hear, and even win (details on Page 4). And now that you all know the way, don't be strangers! Give us a visit—we'd love to see you!

In addition to our plans for the ProLight+Sound, which include both the musical highlights (Pages 4/5) and the new products we are presenting there (pages 16 following), this edition of newsflash takes up another theme: a characteristic of our products that never ceases to amaze customers, and one they constantly emphasize in their discussions with us, is their extraordinary robustness. On pages 6 and 7, we've looked at two of the most harrowing assignments for sound reinforcement providers during the entire winter season: skiing's Hahnenkamm and Four Hills competitions, in the mountains above Kitzbühel and Garmisch respectively. Both are sporting events of world renown at which our equipment was subjected to the most appalling weather conditions for extended periods, but—as the headline reveals—"...they just ran and ran". Not a slogan of own devising, but straight from the mouth of our satisfied customers. And all the more gratifying for that!

We hope you will enjoy this issue and wish you every success at the fair!

Cover: Brit Awards 2008

## IMPRINT

PUBLISHER  
EVI Audio GmbH

COORDINATION  
Robert Pletz  
Hirschberger Ring 45  
D-94315 Straubing  
Tel: +49 9421/706-0  
Fax: +49 9421/706-315

REALIZATION  
snapshot Redaktionsbüro  
Gunther Matejka  
Tel: +49 89/75 50 56 80  
Fax: +49 89/75 50 56 829  
www.snapshot-redaktionsbuero.de

EDITORIAL  
Gunther Matejka  
James Edlund  
Guy Low  
Rhea Marstaller  
Daniel Kappla  
Pamela Böhm  
Patrick Giurgiu  
Maximilian Kaltner

TRANSLATIONS  
Ewan Whyte  
E-mail: Ewan.Whyte@wanadoo.fr

GRAPHICS  
Sabine Bitterlich  
E-Mail: s.bitterlich@web.de

PRINTING  
F&W Mediencenter, Kienberg  
www.fw-medien.de

## CONTENTS

- page 3** **MIX**  
News from the pro audio scene
- pages 4 - 5** **INSIDE: PROLIGHT+SOUND 2008**  
ProLight+Sound 2008: Constant optimization  
Interview with Wolf Simon: New line-up – same passion
- pages 6 - 7** **HIGHLIGHTS**  
EV systems in endurance tests :“The rig just played and played”
- page 8** **HIGHLIGHTS**  
The Verve, London: Acclaimed comeback – with EV X-Line
- page 9** **HIGHLIGHTS**  
Street Parade / MTV party: FIR is fun!  
Thrash metal band Megadeth: on a world tour with EV
- page 10** **INSTALLATION**  
Arcadia Multiplex, Bellinzago: Cinema of the future
- page 11** **INSTALLATION**  
Tao Beach Club, Las Vegas: Heidi, Mariah and the VariLine  
Frequency Music, Naples: Florida listens to DYNACORD
- page 12** **INSTALLATION**  
Max&Moritz, Munich: On top with DYNACORD  
Interview with Freddy Korsgaard of Ascon Trading
- page 13** **INSTALLATION**  
Waxy's Irish Pub, Frankfurt: Style & sound  
Nightshift, Berlin: DYNACORD comes up trumps  
in Berlin
- page 14** **WORLDWIDE: Midas**  
Led Zeppelin: The rock giants return with  
Midas XL8; Cathedral of Christ the Saviour,  
Moscow: With Midas H2000
- page 15** **NEWS: Klark Teknik**  
DN9696, Square ONE Splitter
- pages 16 - 17** **NEWS: Electro-Voice**  
DC-One, SB2A, EVID FM, ZX3, XLC- and XLVC additions  
EV-Endorser News
- pages 18 - 19** **NEWS: DYNACORD**  
D12A and D12-3A, D-LITE 1000, Sound System Manager DSP 260,  
PowerSub 312, PROMATRIX 8000 System
- pages 20 - 21** **WORLDWIDE: TELEX**  
Cinevideogroup, Hilversum: New OB trucks with equipment from  
TELEX/RTS; Intersec 2008, Dubai: A strong showing by TELEX;  
EOC Houston with ADAM; Audio Plus, Poland: Outstanding  
achievements; KP-32CLD with color display;TELEX ticker Dubai
- pages 22 - 23** **INSIDE**  
EVI Audio in-house exhibition 2008; Interview with David Robinson,  
Pro Sound News Europe; EVI Audio vocational school tour;  
Morumbi Stadium, São Paulo with EV; “Music Moscow” 2007;  
Oliver Sahn, Technical Support Pro Audio EMEA; DC Audio  
Products SL: New DYNACORD distributor in Spain

## PUSHBIKE? PULL BIKE!

At the ProLight+Sound, DYNACORD is organizing an attractive prize draw at its booth (E70) in Hall 4.1 and in the Agora Marquee (central piazza). First prize is a velocipede with a difference: the Streamliner BSC-090, the world's longest single-seater bike. Equipped with struts and supports, this striking vintage boneshaker in XXL format will be used to transport an entire DYNACORD D-Lite system. For further information see page 4 - good luck!



## NOBEL PRIZE...

... with Midas XL8: At the Nobel Prize presentation ceremony in Oslo on the 10th December, a Midas XL8 was used. AVAB CAC, Norway's largest rental company, has handled the production for the last ten years. Geir Østensjø, manning the FOH desk for the ceremony, was impressed by how easy the XL8 is to use: "It's just like working with an analogue desk," he told us. "Perfect!"



## SUNDAY BEST...

... in Bournemouth. On the advice of John Ellis and David Howe of Shuttlesound, British PA installation consultancy Creative Solutions specified a single array of Electro-Voice XLE compact cabinets for St Swithun's church in Bournemouth to make the most of the dispersion characteristics of the reverberant building.



## A COLORFUL CHARACTER...

... that Kid Creole. Let's just say: no one would describe the disco dandy, with his kaleidoscopic wardrobe, his showmanship, and his bravura, as 'drab', so the success of his hit London musical "Oh! What a Night" should come as no surprise to anyone. The show's sound crew, incidentally, led by FOH ace Matt Gunter, is relying on an X-Array system from EV.



## WHOEVER CAN ELECT...

... elects the Cobra. As was the case at the last US presidential election, DYNACORD systems are being deployed at numerous election rallies in 2008. Washington State Attorney General Rob McKenna, for example, announced his candidacy for reelection in style at a recent breakfast gala in the Meydenbauer Center in Bellevue, with a DYNACORD Cobra-2, a DYNACORD CMS mixer, EV TG-7 amps and a variety of EV microphones on hand to ensure not a syllable of the discourse was lost. Working together with the Blue Danube production company and Hollywood Lights, Mills Music of Seattle supplied the sound reinforcement.



## REGGAE...

... with the Cobra: The mood was tropical at the "Clock Strikes" party on Grand Cayman to welcome in the new year, as AI Rentals deployed a DYNACORD Cobra-2—to great effect, as guests who witnessed the performance of reggae stars "Rootz Underground" were quick to affirm.

## BRIT AWARDS...

...with Britannia Row Productions, who, as in previous years, deployed an EV X-Line for the glamorous annual music ceremony held this year on the 29th February in London's Earls Court. Rendering sterling service behind the scenes were the EV NetMax N8000, IRISNet™ and sound designer Derrick Zieba. On stage, the winners included Sir Paul McCartney, Foo Fighters, Ozzy Osbourne, Mika and Kylie Minogue.



PROLIGHT+SOUND 2008

# CONSTANT OPTIMIZATION

For years, the EVI Audio booth at the ProLight+Sound in Hall 4.1 has proved a real magnet for visitors. To ensure that it remains so in future, those responsible are relying on a tried-and-tested booth concept that is constantly being optimized



EVI Audio's trade fair concept has for many years proved its worth: "real infotainment"

The basic concept of the EVI Audio booth (E70) in Hall 4.1, as Robert Pletz, MarCom Manager EMEA at EVI Audio, explains, "has remained virtually the same for the last eleven years." The generously dimensioned booth is divided into two main areas: the exhibition and action area and the dealer center – a booth concept that has truly proved effective over the years. "The dealers are given a clear overview of all the new products and twenty cabins are available for business meetings with dealers and distributors," says Pletz, adding: "With music and a prize draw, as well as the extensive range of training, advice and demo events, we offer real 'infotainment'."

That is true also in 2008. The Straubing-based company has again secured the services of high-caliber bands and musicians for the duration of the fair: In the Agora Marquee, which EVI Audio has organized jointly with the Musikmesse Frankfurt for the last six years, a real all-star lineup built around Wolf Simon (see interview on the next page) and world-class bass player T.M. Stevens will be playing. At the booth, The Real McCoy, a talented four-piece band, will be giving us their unconventional interpretations of classics from the heavy rock repertoire. They should create quite a stir! "I'm really looking forward to their sets," says Pletz. "They're a band that likes to brush well-known songs against the pile with their unplugged and skilful interpretations. The result is something along the lines of 'Swinging-Country-Trash-Pop'".

Creativity and originality are also features of

this year's prize draw. Center-stage is occupied by the "Streamliner BSC-090" – the bicycle with the longest single-seater frame in the world. Equipped with struts and supports, this striking vintage boneshaker in XXL format will be used to transport an entire DYNACORD D-Lite system, elegantly making the point that this is an audio solution notable not only for its high-quality sound but also for being so compact that, if need be, it can even be transported on a bicycle! Compactness, a feature to which ever greater importance is being attached in the pro audio business, is also the theme this year in the Agora Marquee, which boasts three different stages. On Stage 1, together with The EV Power Experience, an Electro-Voice XLE system will be setting the tone. On Stages 2 and 3, where soul singer Bonita will be performing with her band, a DYNACORD VariLine is being used. "Both systems are unbelievably compact," says Robert Pletz. "Nonetheless, they offer masses of sound pressure and brilliance. They're also extremely versatile. To prove this, we have engaged, alongside The EV Power Experience and Bonita, a newcomer band called Awake to provide a completely different sound, closer to that of the 'prog rock' band Dream Theatre."

The quality of the technical support provided by EVI Audio in the Agora Marquee is demonstrated not only by the response of audiences but also that of colleagues, organizers, and fellow exhibitors, who have helped to turn this extremely good-sounding venue into an indispensable feature of the Musikmesse. "The fact that the

Agora Marquee has been selected three years running as the venue for the International Dealer Evening illustrates its popularity," says Pletz. In fact other companies, such as the cult guitar manufacturer Fender, have also been quick to recognize its advantages: Fender endorser Yngwie Malmsteen will be appearing in the Agora Marquee on Friday.

Robert Pletz of EVI Audio, who once again has put together an attractive trade fair package



## The EV Power Experience on the Agora Stage

Daily from 11 to 11.30 am  
2.30 to 3 pm and 5 to 6 pm

**Bonita & Band on the Agora Stage:**  
13th – 15th March, daily from 4.30 to 5 pm

**Awake:**  
12th March, 4.30 to 5 pm

**The Real McCoy:**  
Every hour at the EVI Audio booth,  
Hall 4.1/E70.

INTERVIEW WITH WOLF SIMON

# NEW LINE-UP – SAME PASSION

On the live stage in the Agora Marquee, which dominates the central piazza of the fairground, drummer and mastermind Wolf Simon is again presenting a superlative line-up, with the focus on bass legend and star entertainer T.M. Stevens (Joe Cocker, etc.). In a recent interview, the genial drummer gave newsflash the inside story



“The Usual Suspects’ from the rock canon” – Wolf Simon (l.) is looking forward to the concerts in the Agora Marquee. As are (l. to r.): world-class bass player T.M. Stevens, guitarist Schrader, soul singer Bonita, keyboard player Jürgen Dahmen and guitarist Ralf Oehmichen

**NEWSFLASH:** *What can you tell us about the concept behind the band in 2008?*

**Wolf Simon:** With our concert in 2007 with the Funk Alliance and members of the Real Groove Band and Tower of Power, we set the bar pretty high – it was simply fantastic! One could hardly do much better than that, so for 2008, we’ll be going back to our rock roots rather more. Furthermore, with singer and bass player T.M. Stevens, fun and groove are guaranteed! I’m also delighted that vocalist Bonita Louw will be with us again – she and T.M. are certain to turn in mega-hot performances.

**NEWSFLASH:** *What has changed from previous years?*

**Wolf Simon:** With bassist T.M. Stevens, I’m pleased to say, there’s certain to be plenty of spontaneity and surprises once again. In the four years T.M. and I spent with his band Shocka Zooloo, no two gigs were ever alike – and I mean that as a compliment! When you go on stage with him, you never know what’s going to happen... Aside from that, the band this time is much smaller, a really tight rock line-up. “Reduce to the Max” is how I’d put it.

**NEWSFLASH:** *What surprises can music fans expect?*

**Wolf Simon:** In addition to the core members of the band, there’s bound to be a prominent guest or two joining us for a few songs – that’s an established tradition in the Agora Marquee. Last year, for example, we were joined by Hiram Bullock,

who’s played with world stars like Pat Metheny, Billy Joel, and Paul Simon. In the years before that, Michael Angelo Batio, the fastest guitar shredder in the world, cult organist Spencer Davis, Focus front-man Thijs van Leer, and many others showed up for a musical get-together. It’s going to be interesting to see who’ll want to jam with us this year. Among musicians, we have an excellent reputation, which is why they like to get involved.

**NEWSFLASH:** *How often and when will the band be rehearsing?*

**Wolf Simon:** The band will rehearse intensively for three days and then do the soundcheck together – just before the Musikmesse, so we can build up a full head of steam and take to the stage as a really tight band. The chemistry’s all there and this promises to be great fun – after all, I’ve been friends with all of them for a long time and we’ve done many tours and concerts together.

**NEWSFLASH:** *Upon what criteria is your choice of musicians based?*

**Wolf Simon:** Aside from particular musical qualities it is a question of whether a particular colleague matches the style of the concept in question, whether they bring interesting references or something extraordinary and unique that will enhance the show. The many personal contacts and friendships that I’ve built up over the years are very helpful, so I’m often working with old friends and co-conspirators – which redu-

ces enormously the stress of preparation.

**NEWSFLASH:** *What’s on the program this year?*

**Wolf Simon:** It’s a pretty a rock-based program – the usual suspects from the rock canon – plus a few real crackers from T.M. Stevens. What’s clear naturally is that even the harder faction with this line-up should be grooving mightily. The concert is in the best tradition of bands like Led Zeppelin, Deep Purple, and Mother’s Finest.

**NEWSFLASH:** *Is the Funk Alliance 2008 producing another live album?*

**Wolf Simon:** Yes. Frank Itt and I have put together a really great album from recordings of the last shows that should be ready just in time for this year’s Musikmesse. An ultra-high class groove festival with high-calibre musicians – an audio blockbuster in the grand tradition!

**The EV Power Experience:**

**Drums, Loops, MD:** Wolf Simon (Tic Tac Toe, The Real Groove Band, Haddaway, etc.)

**Bass, Vocals:** T.M. Stevens (Joe Cocker, Miles Davis, Pretenders, Shocka Zooloo Band)

**Hammond, Rhodes:** Jürgen Dahmen (Harald Schmidt Band, Temptations, Trance Groove, etc.)

**Vocals:** Bonita Louw (Bonita)

**Guitar, Vocals:** Ralf Oehmichen (De-Phazz, Who’s That Girl?)

**Guitar, Vocals:** Schrader (Peter Maffay, Guildo Horn, Tommy Engel, etc.)

ELECTRO-VOICE SYSTEMS UNDERGO ENDURANCE TESTS

“THE RIG JUST PLAYED AND PLAYED”

Once again this winter, Electro-Voice systems saw action at a number of major sporting events – often under conditions that could hardly be characterized as clement: temperatures below 20° C... blazing sunshine one minute, rain, ice, wind, and snow the next... and yet the sound companies handling the productions in question, who included Murdock Music in Kitzbühel and TC Showtechnik in Garmisch, had not one single equipment failure to report



The ultimate endurance test for men and material: the Hahnenkamm downhill (large picture and top right). But the FIS Slalom in Garmisch-Partenkirchen (center) and the Four Hills Tournament (bottom right) provided scarcely less formidable challenges last winter for EV systems

The Hahnenkamm in Kitzbühel is skiing’s blue ribbon event. Fans all over the world hold their breath as the competitors – with a sovereign disregard for their own safety – plunge down the notorious, near-vertical “Streif” into the valley below, where over 45,000 spectators each year await them at the finish. But it isn’t just men and skis that are put to the test in the mountains of Tyrol: the sound reinforcement equipment used each year is also expected to push the envelope in terms of performance and endurance, which is why the organizers, Skiclub Kitzbühel, have put their faith in Fieberbrunn-based sound and rental company Murdock Music Entertainment for the last six years. This year, as in 2007, Murdock decided that the only appropriate response to the magnitude of the task and the harshness of the weather conditions on the steep slopes was an XLC line array system from Electro-Voice. An excellent choice as it turned out, and manager Peter Auer was positively euphoric in his appraisal of the performance and resilience of the Electro-Voice enclosures: “We had it all to contend with this year: sun, rain, snow, freezing temperatures, and ice – the full spectrum – but the rig just played and played.”

Five years ago, when Murdock Music Entertainment first deployed their then brand-new XLC system, the weather was just as pitiless: “I felt sorry for the poor enclosures!” recalled Auer on that occasion. “Biting winds swept over the slopes, penetrating every vent and slit. Yet not a single system failed!” No system has failed to this day. And, in fact, the Murdock technicians have become so blasé that they arrived this year without a single backup in case of failure. A similarly unshakeable faith in the inviolability of EV systems is evinced by Martin Schulze, whose TC Showtechnik (based in Uffing am Staffelsee in Upper Bavaria) was charged with responsibility for the Neujahrsspringen in Garmisch, one of the four competitions making up the Four Hills Tournament or Vierschanzentournee. The centerpiece of TC’s sound reinforcement concept this year was the XLD compact line array system the company acquired in May 2007. “Ski jumping is the kind of event that pushes any rig to its limits,” says Schulze, “not simply because it has to project over distances as great as 140 meters but also because it’s a real endurance test for the material. The temperatu-

re variations are extreme, with the mercury rising to 25° C or higher in the daytime as the sun beats down on the slopes before falling to -25° C or lower overnight. Then, of course, there’s the rain and snow. And yet not one system failed. Sensational!” In addition to their reliability and performance, Schulze emphasizes another feature of the XLD systems that he considers of great importance: their lightness. “The enclosures are so light; you can fly an eight-element banana at a height of seven meters with no problem at all.” It was the same story a few weeks later when the FIS tour reached Garmisch. The quality of the system was by no means lost on Peter Fischer, chairman of Ski-Club Garmisch. “In fact he came over and asked what was different this year,” says Schulze. “He’d noticed that the level of intelligibility had risen considerably.” Rob Powers and Faron Meeks (Exec. Producer and Managing Director of Sound & Talk, respectively, of PowerSports Entertainment) rely upon weatherproof Sx600PI dual element line array speakers from EV to cut through the massive din at snowmobile and ATV events in the States. “The Sx600s are pure gold when it comes to durability and world class sound,” says Powers.

## HIGHLIGHTS



Fog, rain, snow, ice. Blazing sunshine, freezing cold. For audio systems, winter sports are extreme sports. Yet production companies like Murdock Music dispense nonetheless with backups – “after all, EV systems just keep on playing”

“There’s nothing better out there for these types of installations. The speakers have seen over 1,500 hours of use at over 36 events—around 160 days of solid use—and have held up above and beyond anybody’s expectations. They’ve been buried in snow, caked with mud, run at  $-30^{\circ}$  F in the winter and  $105^{\circ}$  F during the summer, yet not once have they been removed from their frames to be repaired or taken apart – not once!”

In Bad Hindelang, where over 80,000 people visited the “Experience Christmas Market” during Advent, the ambience may perhaps have been “olde world,” but the sound systems working behind the scenes were decidedly modern. For 2007, the production company, Stageaffair, used not only EV TG-7 amplifiers, REV wireless systems, and around 40 enclosures, but also, for the first time, the IRISNet™ software platform. At the heart of the installation, this and the dual

channel RCM-26 digital control modules provided permanent supervision of the power amplifiers, enclosures, connecting cables and inter-faces, keeping the Stageaffair team continuously informed about the state of the system. “This technology is a real luxury,” opined Stageaffair’s Harald Stangl. “It allowed us to just sit back in our control room, knowing that we would receive an error message instantaneously if ever anything did you wrong.” But there were no error messages, because nothing did go wrong.

In Nottingham, England, EV systems have been demonstrating their imperviousness to the elements. The Old Market Square there was enlivened last year by an 800-square-meter ice rink installed specially for the holiday season, where local event production company OneBigStar installed an all-EV PA system powered by CP3000S amplifiers from Electro-Voice. The PA

was exposed to the cold and drizzle of a typical English winter for eight weeks without complaining. But the choice of EV speakers was predicated on more than just reliability. “Many IP-rated and outdoor loudspeakers tend to be particularly lacking in bottom end,” explained OneBigStar’s Simon Taylor at the time, “which is why we’ve opted for Electro-Voice ZX5 15” 2-way cabinets. But they don’t just sound fantastic: they also have high-impact composite enclosures, which are exactly what we need for this outdoor rink.”

## INTERVIEW WITH CHRISTIAN GLÜCK, BUSINESS LINE MANAGER ELECTRO-VOICE “RELIABILITY IS NO ACCIDENT”



**NEWSFLASH:** *EV systems are often exposed to extreme weather conditions and yet customers are constantly telling us they’ve never experienced a failure. How do you account for such reliability?*

**Christian Glück:** Reliability even under extreme conditions is no accident. We know the conditions to which the materials are exposed in day-to-day use, and we make sure that, when developing and manufacturing them, EV products will be able to withstand the treatment to which they will be subjected.

**NEWSFLASH:** *Under what conditions are new EV systems tested before they go into produc-*

*tion?*

**Christian Glück:** All new products are developed for an area of application and tested within it. Obviously one can’t fully explore every possible scenario every time. This is where our years of experience come into play: we know all the critical points and what precisely to look at, as well as what precautions to take in order to ensure that our products continue to offer the highest degree of reliability.

**NEWSFLASH:** *Even for events the whole world is watching, EV customers constantly dispense with backup systems (e.g. amplifiers). Is that recklessness or a justifiable risk?*

**Christian Glück:** The question has an almost philosophical character. You can tell professionals by the fact that they leave nothing to chance; redundancy must be provided for all critical components, regardless of how reliable they may be – after all, accidents can always happen, and wear does take its toll. In this respect, sound systems are no different to automobiles; but by choosing EV systems, customers can say with justification that they have chosen the option to which the least risk is attached.

THE VERVE, LONDON

## ACCLAIMED COMEBACK – WITH EV X-LINE

The British cult band The Verve recently made a triumphant return to the stage that included a much-praised gig at London’s O2 Arena. Britannia Row played its part in ensuring the event was a success – with the help of an extensive X-Line array from Electro-Voice



Synonymous with brilliant concert sound: EV X-Line



Triumphant return: British rock legends The Verve with their charismatic front-man Richard Ashcroft (c.)



One of the most influential British bands of the 90s, The Verve, made a triumphant comeback at the end of 2007. In addition to a variety of smaller halls and clubs, the band guested on the 13th December at a sold-out O2 Arena in London. To guarantee sound worthy of the occasion, the band called in the highly respected rental company Britannia Row, the centrepiece of whose sound reinforcement design was once again an X-Line system from Electro-Voice.

FoH technician Ian Laughton explained why: “To be honest, I was never really happy with line array systems until I got the X-Line. It just seems to fill the whole area. EV subs are the best I’ve heard in a line array, they’re just phenomenal.”

Laughton first worked with The Verve in 1993. “With this band, their concert program starts off with the racket of the post-punk era and moves to the orchestrations of the ‘Bittersweet Symphony’, culminating in very acoustic-led pop. The X-Line system can track that seamlessly, and I can do it all by faders.”

This was Laughton’s first gig at the 20,000-capacity O2 Arena, and he praised Britannia Row system engineer Richard Trow for supporting him with a system design that provided excellent coverage. “The O2 is a great-sounding venue,” says Trow, “but it is also very high, so we had to think carefully about coverage. We needed an

extra hang of speakers to handle the top seats at the very side of the stage, but otherwise the arena was covered by main left/right hangs of X-Line (thirteen cabinets each side) and supplemented by side hangs (ten cabinets), with twelve Xsubs either side of the stage.”

The EV P3000RL amplifiers powering the system were controlled and supervised using EV NetMax and IRISNet™ management software. The addition of the NetMax digital matrix controller to the system, in the view of Trow, has improved things “one heck of a lot”.

Trow had had prior experience with the Electro-Voice X-Line in the O2 venue, having used it recently with the Foo Fighters. “It’s quite a dead room, so you can’t skip on the PA, and you really need the subs, but EV definitely works in there.” Laughton is of the same opinion. “The Verve is a three-man band so every nuance counts. I must admit, my own preference here is for masses of bass – for the kick drum, for example, we used all three channels. It sounded shockingly good!”

It was not only the X-Line but also the Midas XL8 Live Performance System deployed by Britannia Row in the O2 Arena on the 13th December that filled The Verve’s long-time FoH engineer Ian Laughton with enthusiasm. As he explained, “after 18 years of being a sound engineer you know something is either right or it’s not, and as soon as you look at the XL8, you know they’ve got it right. It’s got some amazing features, such as the POP groups that offer access to the channels with one push of a button. It’s so quick. The sound quality of course is absolutely fantastic. With other consoles, I’ve had to use masses of plug-ins and EQ to get it eventually sounding good, but with this desk, I walked up to it, pushed a fader up and it sounded like it was in the ballpark, put some gain on it, did a bit of EQing, and it sounded fantastic. It’s as easy as that. It’s a Midas and we all love Midas.”

STREET PARADE ZURICH/MTV PARTY **FIR IS FUN!**



Zurich's Hallenstadion with the PA of DYNACORD V-System enclosures as well as DYNACORD H5000 and Electro-Voice TG7-amps

**MK Badensound provided the sound reinforcement equipment for the big MTV "Music 4 Life" party at the Zurich Street Parade. State-of-the-art V-System enclosures from DYNACORD formed the heart of the sound reinforcement concept**

Around 800,000 techno fans from all over the world flocked to Zurich in August for the annual Street Parade – one of the undoubted highlights of the techno calendar. In addition to the parade through the streets of the Swiss metropolis, the programme included around 100 indoor events, the biggest of which was the "Music 4 Life" party thrown by MTV in the Hallenstadion Zürich and attended by some 13,000 ravers.

To satisfy the high demands of an occasion to which keen attention is paid by techno-lovers

throughout the world, the organizers of the event entrusted the production – as, indeed, they had the previous year – to MK Badensound of Renchen, and the team led by Johannes Moeck dignified the event with the type of flat-out commitment, in terms of both resources and energy, it merited. It took a full 280 metres of cable to connect the entire network of amplifiers and loudspeakers, which comprised 124 DYNACORD V-System enclosures in four-point configurations, either flown or mounted in the hall ceiling – all driven by twenty-two state-of-the-art DYNACORD Power H5000 power amplifiers. "We used a similar loudspeaker configuration powered by the same amps last year," relates Moeck, "but with one salient difference: in 2006, we didn't yet have the new FIR filters. These really proved their worth this year, optimizing system performance to deliver an unprecedented level of intelligibility. The bass comes over incredibly well. With the same output from the power amplifiers, the system delivers far more punch. With the new FIR filter sets, we now have a fully-functional tool that not only allows us to improve still further the quality of sound we can provide but also considerably simplifies the task of doing so."



**Equipment list for MTV's "Music 4 Life" party in Zurich (Extract)**

**Sound reinforcement**

- 22 x DYNACORD H 5000 with RCM 26 boards,
- FIR filter sets for the V system
- IRISNet™ system control (280 m)
- 36 x DYNACORD V 12-60
- 40 x DYNACORD V 17
- 52 x DYNACORD V 18
- 4 x DYNACORD V 30 FF

**Stage monitoring**

- 4 x DYNACORD V 17
- 16 x DYNACORD VM 15
- 4 x DYNACORD LX 3000
- 2 x DYNACORD LX 2200

**FoH**

- 1 x Midas Venice 320
- 2 x Klark Teknik DN 504
- 4 x Klark Teknik DN 360
- 1 x Klark Teknik DN 1248 active splitter

THRASH METAL BAND MEGADETH **ON A WORLD TOUR WITH EV**



Metal icon, EV endorser: Dave Mustaine of Megadeth

**Thrash metal purveyors Megadeth kicked off another ambitious world tour in Finland's icy climes on February 2nd, and once again, Dave Mustaine and the band were relying on equipment from EV**

This is the band that metal enthusiasts around the world have come to know and love; the band who literally invented the thrash metal genre,

the band that will play any stage, any city, melt faces off, and all the while eating metronomes for breakfast. To those familiar with the band's credo, it comes as little surprise that the band headed North in the most bitter of winter months...

And, with such a punishing schedule year after year—stomping the globe and hoisting the metal flag high for over two decades—the band has come to rely heavily on equipment that works night after night. Whatever the band uses, whether it's guitar amps, instruments, cables, strings, you name it, it's gear that survives the rigors of the road. There is no room for failure in the Megadeth camp.

Enter EV wired and wireless microphones. Dave Mustaine and bassist James Lomenzo are longtime users and endorsers of EV microphone products. From the band's employment of EV's RE-1 dual guitar/bass wireless systems on the past two world tours to their recent upgrade to

EV's latest offering, the REV, in mid-2007, the band has come to rely on EV for its great sound and trouble-free operation. The EV N/D967 vocal microphone has also become a mainstay for its high gain-before-feedback and stellar performance on high-SPL stages. Likewise, the RE27N/D is the microphone of choice for James Lomenzo's bass.

With a pedigree that includes, White Lion, Ozzy Osbourne, Black Label Society and now Megadeth, Lomenzo is highly sought after for recording and touring by the industry's top musical acts, yet he remains humble and courteous – a real gentleman. A fan of Electro-Voice wired and wireless mics, James uses the EV RE20 and RE27N/D in the studio and on stage to capture his signature sound.

But don't let him know we let you in on his secret!

ARCADIA MULTIPLEX, BELLINZAGO

## CINEMA OF THE FUTURE

The Arcadia multiplexes are setting new standards in the Italian cinema market. That is particularly true of the multiplex chain's latest project in the Milan region: a cineastes' temple with ten auditoria and an imposing sound system from Electro-Voice



Mecca for Lombard filmgoers: the Arcadia Multiplex boasts ten auditoriums of different sizes and a magnificent foyer

Opened on the 18th December 2007 in Bellinzago (Lombardy), the Arcadia Multiplex offers a superlative cinematic experience: the ambience alone of the ten differently-sized auditoriums – the largest, a 300-seater – and the lavishly appointed 900-square-meter foyer are enough to set the pulse of cinema-goers racing. But it isn't just a question of décor. In terms of equipment, too, the Arcadia offers only the finest. Every auditorium is THX-certified – the hallmark of good sound in cinema entertainment – and a sophisticated lighting system adds further to the impression of opulence. The new Arcadia is also the first cinema in Italy to offer spectacular 3D digital projection.

In terms of audio, too, the Bellinzago installation is setting new standards in Italy. This is largely thanks to EVI Audio's Italian partner TEXIM, whose installation experts were called in as early as the project planning stage. This was with good reason, since Arcadia and TEXIM had already worked together on the CineCity multiplex in Padua – a positive experience for both firms. In addition to tried-and-tested cinema systems of the TS series (TS 9040D-LX and TS 550D-LX), a total of twenty-eight EV TL 880D subwoofers are employed in the new multiplex. Nine EV TS 9040D-LX speakers handle the reproduction of the L-C-R information in the three smaller audi-

toriums and twenty-one further EV TS 550D-LX provide Oscar-worthy sounds in the seven larger halls. The surround channels in all ten auditoriums are delivered by a total of one hundred and fifty-four EV SL12-2V surround speakers.

The massive amplification needs of all these enclosures are taken care of by a battery of state-of-the-art EV P3000RL and EV P1200 RL amplifiers – ninety-five of them in all – controlled and supervised by IRISNet™.

The power amplifiers are integrated into a single network using twenty NetMax N8000 controllers connected via Ethernet. The network installed in the Arcadia offers total flexibility that transcends classic cinematic needs. The signal chains in their entirety are digital with the maximum possible degree of redundancy. At the same time, the audio system is impervious to interference such as that caused by electrical disturbance. The integration of additional signal sources, the complete supervision of the system and the routing of individual signals between the various auditoriums are all handled by IRISNet™, making the system remarkably simple to manage. The decision in favor of this network was at the same time an investment in the future, as without the need for additional external converters or surround processors, the individual soundtracks can be routed to their intended

power amplifiers via AES/EBU, with the signal paths at no point straying from the digital domain.

The many guests invited to the complex for the opening gala could experience for themselves the sheer quality of the sound. The wireless microphone of the master of ceremonies aside, no additional equipment was needed. The sound systems installed in the auditoriums proved fully adequate to the occasion, with the control room a virtual console on a laptop, pulling the strings via wireless LAN.

**Extract from the equipment list of the Arcadia Multiplex, Bellinzago (Italy)**

**Main and surround systems**

- 21 x Electro-Voice TS550D-LX
- 9 x Electro-Voice TS9040D-LX
- 28 x Electro-Voice TL880D
- 154 x Electro-Voice SL12-2V

**Amplification**

- 58 x Electro-Voice P3000RL
- 37 x Electro-Voice P1200RL

**Control / Networking**

- 20 x Electro-Voice NetMax N8000

TAO BEACH CLUB, LAS VEGAS

# HEIDI, MARIAH AND THE VARILINE

In the TAO Beach Club, the Venetian luxury hotel/casino in Las Vegas has opened another exclusive party location. Vegas production firm FBP Group took charge of the installation, opting for state-of-the-art systems from DYNACORD

DYNACORD's star continues to rise in the entertainment capital of the world thanks to an installation at the Venetian's new TAO Beach club, designed and installed by Bob Athey and Frank Heinrich of FBP Group. The installation, featuring DYNACORD VariLine VL262, Cobra subwoofers, D-Lite D 12, and system drive via IRISNet™ control, has caught the attention of every restaurant, lounge, bar, and club executive on the strip, thanks to a precise balance of aesthetic and performance values.

TAO Beach is the top pool party in Vegas, attracting A-list celebrities like Michael Jordan, Mariah Carey and Heidi Klum. Big, black 15-inch two-way boxes were not an option. The solution? A system design including a brand new loudspeaker line from DYNACORD unlike anything else available: VariLine.

The DYNACORD VariLine range reconciles state-of-the-art acoustic performance with fashionable design. The dual high performance neodymium 6.5" woofers and 1" compression driver in the VL 262 provide shocking clarity for heavy-duty, high SPL applications, along with multi-functional hardware accessories for fixed and mobile applications to ensure ease-of-use and versatility. The complete DYNACORD system solution at TAO Beach blends very well with the design elements of the space, with color matched speakers nestling discreetly in the drapery yet filling the entire pool area with sound.

Six DYNACORD Cobra-2 Subs provide additional low end support; 12 D-Lite D12 full range cabinets supplement the surrounding VIP areas and hot tub deck. Powered by five DYNACORD Power-H 5000 remote control DSP amplifiers with RCM26 modules, FIR presets optimize each loudspeakers performance, and continuously monitor every voice coil in the system to ensure reliable operation.

Hard to celebrate in greater style: the Tao Beach Club in Las Vegas. Appropriate surroundings for a DYNACORD VariLine



## FREQUENCY MUSIC, NAPLES FLORIDA LISTENS TO DYNACORD

**A growing number of AV rental and installation companies in the USA are opting for DYNACORD-based solutions—a trend illustrated by two recent installations by Frequency Music of Bonita Springs, Florida**

At Yabbas, a high-end restaurant in near-by Naples' classy Fifth Avenue, Frequency's Jim Dalia recalls, "They were looking for an unobtrusive system that would provide top quality sound in keeping with the upscale ambience.

A combination of D-Lite Sub 115 and VariLine VL262 speakers proved perfect. They needed plenty of controlled low end and smooth, clear highs to give great intelligibility at lower SPLs. The VL262 offers remarkable clarity for such a small box. And I get about 96 dB standing within about 10 feet of the subs; as I move about 20 feet away it drops to about 94 dB. The volume is perfect for a party atmosphere, but controlled enough not to be a noise is-

sue." Kevin's Piano Lounge at Stoney's Steakhouse is another renowned Naples venue enjoying DYNACORD sound, supplied this time by a D-Lite system. "They bought a brand new digital baby grand piano and built a nice bar around it," says Dalia. "I placed a Sub 115 in the corner with a D-12 over it, placing the other D-12 in the opposite corner. The whole system is driven by a single DYNACORD PowerMate600 mixer, mounted right next to the performer."

## MAX&MORITZ, MUNICH ON TOP WITH DYNACORD



Wilhelm Busch would have loved it: Max&Moritz in Munich

**The Munich scene gained another top attraction with the 2007 opening of the Max&Moritz club on Maximiliansplatz. Now firmly established among the city's favorite nightspots, the club boasts a lavish sound system from DYNACORD**

On the premises of the former cult disco Soul City, a new disco experience opened at the end of August 2007: the Max&Moritz. The club, located on Maximiliansplatz, has been lavishly renovated by its operators, M5 Gastronomie, for around half a million euro, bringing it fully up to date in terms of ambience and equipment. When the Weidenberg-based company TC-Promotion was commissioned to provide perfect sound coverage for the ca. 800-square-metre location (the Club Max and the Club Moritz), the team led by graduate engineer Michael Jobst decided to use exclusively systems from DYNACORD.

The centerpiece of the tailor-made sound reinforcement design is formed by loudspeakers

from DYNACORD's VariLine series: four VL152 and four VL122 speaker systems, in clubs Max and Moritz respectively, provide powerful but nonetheless brilliant sound. "The VariLine is ideally suited to clubs of this size," explains Jobst. "The loudspeakers offer outstanding sound performance as well as boasting excellent protective circuitry and compact dimensions." In view of the relatively limited space, the small footprint of the VariLine speaker systems played an important role in the installation, as Jobst explains: "Thanks to the fact that you can rotate the horns through 90 degrees, we were able to install the VariLine speaker systems in a horizontal position, right under the ceiling."

The powerful bass on both dance floors is supplied by two DYNACORD SUB 28 systems. For the amplification, too, Jobst & Co. decided in favor of DYNACORD. The Managing Director of TC-Promotion was particularly enthusiastic about the capabilities of the DSP 244 processor: "The supplied parameters for the DSP provide an outstanding starting-point from which to fine-tune the sound."

In addition to the technical quality of the systems, economic factors were also of crucial importance in the decision to opt for DYNACORD. "The price-performance ratio," says Jobst, "is very, very good."

For more information, visit [www.tc-promotion.de](http://www.tc-promotion.de) [www.maxundmoritz.tv](http://www.maxundmoritz.tv)



Compact, efficient, versatile: the DYNACORD VariLine series (seen here: the VL262)

### Equipment List (Extract):

#### Club Max:

- 4 x DYNACORD VL152
- 2 x DYNACORD SUB 28
- 2 x DYNACORD DSP 244
- 1 x DYNACORD CL 1200 high
- 1 x DYNACORD CL 1600 mid
- 1 x DYNACORD LX 3000 sub

#### Club Moritz:

- 4 x DYNACORD VL122
- 2 x DYNACORD SUB 28
- 1 x DYNACORD DSP 244
- 2 x DYNACORD CL 1600

## INTERVIEW WITH FREDDY KORSGAARD OF ASCON TRADING COMPETITIVE EDGE – COURTESY OF DYNACORD



**Shopping malls, sports arenas, multifunction halls – in Denmark DYNACORD has set the tone in the fixed installation market, with the D12 and D12-3 systems proving best sellers. Freddy Korsgaard, Indoor Sale & Logistics Manager of ASCON Trading, explained why**

**NEWSFLASH:** You seem to have installed a great many DYNACORD D12 speakers in recent months. Why do you rely so heavily on this system?

**Freddy Korsgaard:** For one simple reason. We always like to offer our customers the best solu-

tion and the DYNACORD D12 represents just that in a great many situations. It's an absolute all-rounder and therefore suitable for many different types of installation. The D12-3 has also proved a major success on many of our commissions.

**NEWSFLASH:** What are the main installations the ASCON team is working on right now?

**Freddy Korsgaard:** Our main task at the moment is the outdoor stadium in Horsens, where once again we're using DYNACORD D12 and D12-3 loudspeakers.

**NEWSFLASH:** What other installations do you

have lined up?

**Freddy Korsgaard:** The installation in the Von Vejle Stadium should prove an outstanding reference for us. We've already installed fifty-four DYNACORD D12 speakers, and no sooner had we finished the first sound check than the manager came over and said to us: "These small loudspeakers don't look especially imposing but they sound simply phenomenal!" Naturally we were happy to hear it, and we are confident that the managers of other stadiums and arenas, once they've seen and heard the Von Vejle installation, will draw their own conclusions.

## WAXY'S IRISH PUB, FRANKFURT **STYLE & SOUND**



"Homogeneous SPL" : Waxy's in Frankfurt

**The latest Irish pub to open in Frankfurt scores heavily in terms of style and ambience. Events equipment consultant Mario Klein from YourEvent installed DYNACORD systems**

On 13th December 2007, Waxy's Irish Pub opened its doors for the first time. A stylishly appointed restaurant combined with a high-end club, Waxy's sits in a premium location right behind the Frankfurt stock exchange. The planning of the extensive sound system was handled by YourEvent under the direction of events equipment consultant Mario Klein. Ludwig Becker of Guitar Place Aschaffenburg was responsible for the installation. After carefully conducted tests,

Mario Klein opted for a mixture of various VariLine loudspeakers (VL62, VL262, VL122) along with FX20 subwoofers from DYNACORD. "With these systems, we have succeeded in achieving a homogeneous sound level in the entire location," says Klein. The Waxy's installation has demonstrated once again how flexible the VariLine speakers are, since in addition to its disco duties, the sound reinforcement system caters to karaoke shows and live events. The VariLine loudspeakers are powered by ten DYNACORD CL1600 and CL2000 power amplifiers.

## NIGHTSHIFT, BERLIN **DYNACORD COMES UP TRUMPS IN BERLIN**



A VariLine for Partyworld, D-Lite for the Restaurant Luise. Uwe Haupt (below), the head of Nightshift Veranstaltungstechnik found the ideal systems

**Neuenhagen-based events equipment supplier Nightshift Veranstaltungstechnik carried out two large-scale DYNACORD installations in the Berlin conurbation at the end of 2007**

Based in the small town of Königs Wusterhausen, top discotheque Partyworld has established a secure niche for itself in the region's nightlife. The Nightshift team led by MD Uwe Haupt recently replaced the club's existing sound system with a VariLine 212 system from DYNACORD. "What they had before were giant cabinets measuring 1.20 meters by 80 centimeters," recalls Haupt. "Quite aside from the fact that the VariLine 212 loudspeakers are considerably better from an acoustic standpoint, they are also far more compact. The customer is delighted, not only with the marked improvement in sound quality but also with the aesthetic gains." The passive VariLine system in Partyworld is also used for the regular live concerts that take place there and has proved a great success, as Uwe Haupt, who has attended some, can testify: "The

sound was impressive," he says. "The pressure generated by these relatively small and narrow boxes not only proved an agreeable surprise for me but also for the people who run the discotheque." The power amplifiers installed in the discotheque, which can easily accommodate 800 people at a time, are L2400 and CL2000 units from DYNACORD controlled by a DYNACORD DSP244 processor.

Another recent installation conducted by Uwe Haupt & Co proved to be a major challenge: developing an appropriate sound design for the Restaurant Luise in the Berlin district of Alt Köpenick. In addition to a gourmet menu, the Luise has established an excellent reputation in the capital as an events location. "Until now," recounts Haupt, "the management had to hire mobile PAs for these events. That's a great inconvenience for any restaurant, as well as being expensive and time-consuming. The new fixed installation spares not only the performers but also the restaurant staff considerable time and effort." Since the people

who run the restaurant, Stefan Zieseke and Tilo Belz, are both, according to Haupt, "real sound freaks", there were no half measures when it came to the installation. "They'd been renting DYNACORD equipment from us for years, so it was clear they would insist on the brand for the fixed installation as well." In view of the very high standards of the pair, Uwe Haupt suggested a system consisting of three VariLine 262 and VariLine 62 loudspeakers and two D-LITE Sub 115 subwoofers. Zieseke and Belz gave Haupt the green light without even having heard them – and were not disappointed: "They're both unreservedly delighted with the system," Haupt is happy to report.

Fresh impetus with DYNACORD:  
Uwe Haupt of Nightshift



## LED ZEPPELIN THE ROCK GIANTS RETURN – WITH MIDAS XL8



Led Zeppelin return, the Arctic Monkeys head North, and each time, a Midas XL8 lends the golden touch. Not only FoH engineer John Ashton (r.) was delighted

**Nineteen years after their last appearance, the three surviving members of Led Zeppelin, together with John Bonham's son Jason, took to the stage at the O2 Arena in December 2007, to pay tribute to Ahmet Ertegun, who signed them to Atlantic Records in 1968. A Midas XL8 Live Performance System was central to the sound design – as indeed it was to that of the highly successful Arctic Monkeys tour**

Technology has clearly moved on since the trio of Robert Plant, Jimmy Page and John Paul Jones played at a concert to celebrate Atlantic's 40th anniversary in 1988, and only the best would do to recreate the band's legendary sound, which appeared undiminished by the years. For this reason, at front of house was a Midas XL8 Live Performance System provided by Britannia Row, with two engineers at the controls. Metallica mixer Big Mick Hughes mixed the band - Jimmy Page on guitar, John Paul Jones on bass and drummer Jason Bonham – while Robert Plant's front of house engineer Roy Williams handled the singer's soaring vocal range.

The decision to use the XL8 came after Page heard it at Metallica's Wembley gig this summer. Plant subsequently visited the Midas factory to see and hear the XL8, which guaranteed the XL8's place on the rider. Williams has worked as front of house engineer for Robert Plant for almost a decade. "I'll always have a preference for Midas, and the transition from analogue wasn't as hard as I had expected; I found the XL8 user-friendly, especially when obtaining any EQ that I might be looking for. The XL8 let me have my own world to work in, with just the vocal mic and eight effects, leaving Mick to create his world without either of us getting in one another's way."

"We felt that using the XL8 gave us an unlimited amount of options," agrees Hughes. "It was a good job we did, as the input list grew to over 70 channels, and if we'd gone analogue we would have been into two desks. The operation of the console made it really easy for Roy and myself to divide the work surface. Being able to set the last bay of the console to the B zone and

then recall a POP (population) group containing Robert's vocal and effects into the B zone meant that Roy had his own section. This in turn allowed me the remaining two bays and the VCA (Variable Control Association) section to mix the band. The 'a/b' headphone solo busses were invaluable as I could be using one while Roy used the other. And as before, when I first used the XL8 for Metallica, the pure sound and stereo image quality is undeniable," says "Big" Mick Hughes.

### Arctic Monkeys on tour with XL8

Arctic Monkeys front of house engineer John Ashton is of the same opinion. Ashton embarked on last year's Arctic Monkeys' tour of Europe and the UK with the XL8 after only a few hours' training. "I picked it up really quickly," recalls Ashton, "although it looked a bit daunting at first. The onboard dynamics are brilliant, the EQ and preamp sound quality is fantastic, and the POP (population) groups are one of the greatest innovations I've ever seen."

## CATHEDRAL OF CHRIST THE SAVIOUR, MOSCOW WITH MIDAS H2000



Guarantor of perfectly controlled sound: Midas Heritage 2000

Russian Midas distributor, Theatre Technics and Technology (TTT) recently installed a Heritage 2000 console in the Council Hall of Moscow's Cathedral of Christ the Saviour. The picturesque Council Hall, which can accommodate up to 1,200 visitors at a time, is used for conferences, gatherings, and a variety of cultural events.

"A large number of important events, in which heads of state and leaders of the Russian-Orthodox Church regularly participate, take place in our hall," says Roman Demidov, one of the hall's managers. "In view of the very high expectations of our guests, our main reasons for choosing a Midas H2000 were its reliability, outstanding sound quality, and user-friendliness."

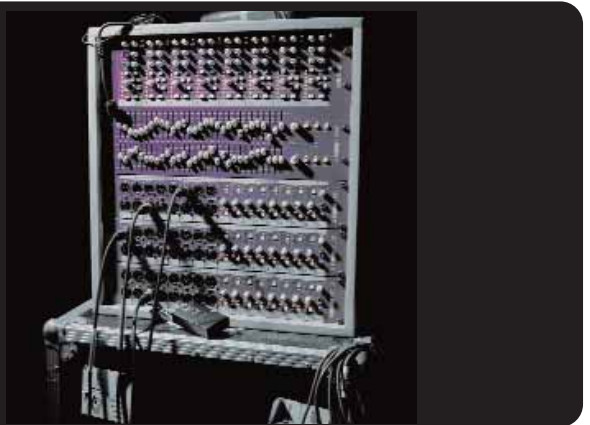


KLARK TEKNIK DN9696

**HIGH-RESOLUTION COMPLETE SOLUTION**

In the new DN9696 high-resolution hard-disk recorder, Klark Teknik is bringing to the market a high-end recording solution specially optimized for live applications. Up to 96 individual tracks can be recorded simultaneously in 24-bit resolution at a sample rate of 96 kHz. The recording capacity of the internal hard disk is nine hours, with a mirrored drive capacity to allow simultaneous internal and external HD recording. Both front panel operation and the use of a software interface are supported, as are both stand-alone operation and the convenience of integration into digital XL8 systems from Midas. The files are in BWAV format (Broadcast Wave Files) and can therefore be imported by any digital audio workstation (DAW) for further editing. The heart of the DN9696 is a modified version of the SADiE MTR software and DSP core. Especially for live recording applications, the headphone monitoring of channels has been implemented and generously dimensioned transport controls (Start, Stop and Record) provided on the front panel. Thanks to its compact dimensions and simple cabling requirements, even large-scale recordings can be conducted using the DN9696 by persons other than specialist recording engineers.

KLARK TEKNIK SQUARE ONE SPLITTER

**NEW ARRIVAL IN THE SQUARE ONE SERIES**

The new Klark Teknik Square ONE Splitter is the third addition to the popular Square ONE range, representing an easy-to-operate, eight-channel splitting solution for a whole series of applications – from corporate to concert sound. The integrated microphone preamps are derived from Midas's top-of-the-range digital console, the XL8, and offer a dynamic range of 140 dB and an extremely high common mode rejection ratio (CMRR) as well as being able to cope without difficulty with input levels as high as +22 dBu. Another of the main features of the new splitter is a third set of transformer-isolated, balanced fixed level outputs on the front panel for the swift connection of recording devices as well as wireless transmission equipment. The Splitter also offers a 1-into-16 media split function that makes it possible to route input 8 to the 16 XLR outputs on the rear panel of the device – simply by throwing a switch. This is ideal for press conferences and other multi-signal applications. Like its popular siblings, the Square ONE Dynamics and Square ONE Graphic, the new Square ONE Splitter embodies all the acknowledged virtues of Klark Teknik equipment: optimum ease-of-use, high-end audio performance and a multitude of functions to satisfy the highest expectations.

**About the DN9696:**

Finally a plug 'n' play HD recorder suitable for live use that requires no complex prior configuration and that anyone – a specialist technician is no longer needed – can operate. Recordings can be mirrored on external discs, obviating the tedium of copying audio files after the concert. Then there's the capacity: nine hours, ninety-six tracks at ninety-six kilohertz – enough even for lavish productions of inordinate length or even multiple concerts. Naturally the DN9696 can be fully integrated

into the Midas XL8 Live Performance System, making additional functions and 'virtual soundchecks' available at the push of a button.

**About the Square ONE Splitter:**

The Square ONE Splitter makes active splitting systems affordable for the first time and is also, thanks to its excellent audio quality, capable of significantly improving the signal quality – especially when used with digital consoles with simple converters. A particularly clever innovation is the remote-switchable and therefore re-

mote-controllable phantom power from the FoH or monitor desks. The possibility of using the device also as a 1-into-16 media splitter makes this audio distributor a universally applicable audio tool capable of enhancing any production.

**Andreas Miele, Technical Support Manager  
Klark Teknik / Midas Germany**



ELECTRO-VOICE DC-ONE DIGITAL CONTROLLER  
**SWIFT ACCESS TO IMMENSE  
 POSSIBILITIES**



With the new DC-One, Electro-Voice is setting new benchmarks in user-friendliness and high-end audio quality. Based on a two-in-six topology, the DC-One is designed primarily for users of small- to medium-sized sound systems in both mobile and installed applications. Based on a powerful SHARC processor, it is fully parameter-compatible with all other Electro-Voice signal processors, offering maximum performance with user-friendly control for a wide range of system configurations. The DC-One can be operated either using the free PC editing software or swiftly and easily via the front panel, intuitive operation and transparency having been major development priorities. The access to presets and their parameters can be individually delimited. The 19-inch / 1U device is equipped with two analogue inputs with 6 dB pad switches, an AES/EBU input and six analogue line level outputs. A USB port on the front panel facilitates the connection of a PC. With the 9-pin Sub-D socket on the rear panel, two DC-One units can be linked in Master/Slave mode via the RS-232, which also provides eight contact closures for preset changes.

ELECTRO-VOICE SB2A  
**LIGHT, POWERFUL  
 AND VERSATILE**



The new Electro-Voice SB2A powered twelve-inch subwoofer eliminates the need for external system processing and amplification, addressing the demand for lightweight high performance portable sound systems. Featuring dual 350-watt amplifiers, the SB2A's switchable powered speaker output can drive either an external 8 ohm passive subwoofer or a full-range loudspeaker. This makes the SB2A a supremely versatile and compact "sub system drive" solution, easily configured with a variety of loudspeakers for a multitude of sound reinforcement applications. Typical SB2A-powered system setups include: with a ZX1-90, as a standalone PA that fits in the front seat of your car; in clusters with the SX100/300; with a passive SB122, for portable lightweight sub extension to replace bulky 15-inch two-way systems (two 16kg packages vs. one 40kg package); with an additional powered top box (such as the SXA100+). The SB2A shares the same durable injection-molded enclosure as EV's popular passive SB122 subwoofer. Both utilize the EVS12SB woofer, designed from the ground up for optimized performance within this small-footprint enclosure.

ELECTRO-VOICE EVID FM  
**NEW MODELS FOR IN-WALL  
 INSTALLATION**



The new members of the EVID product family, the FM6.2 and FM4.2, are robust and yet elegant sealed enclosures delivering audio of the highest quality. The EVID FM6.2 is equipped with a six-inch woofer, a six-inch tuned passive radiator, and a one-inch tweeter; the smaller EVID FM4.2 boasts a four-inch tweeter, a four-inch tuned passive radiator, and a one-inch tweeter. All components are housed in shallow, fully-sealed enclosures for consistent performance and superior sound isolation from adjacent rooms. This innovative low profile design also gives the FM series increased structural integrity: the specially designed ribbed back can eliminate flexing, while the transformer mounted on the back can surface, further enhances stiffness. Secure phoenix-style pass-through connectors offer easy wiring and installation. Both systems deliver exceptional extended bass response relative to their compact size, and are designed to work seamlessly with all EVID series subwoofers where additional low end reinforcement is required.

ELECTRO-VOICE ZX3  
**LIGHTWEIGHT FOR EVERY CHALLENGE**



With the ZX3, Electro-Voice is setting new standards in twelve-inch, two-way loudspeakers for the mobile and installation markets. Featuring the new DVX312 twelve-inch woofer and the ND2 neodymium driver, the ZX3 fits between the eight-inch ZX1 and fifteen-inch ZX5 in the successful ZX series. Its wide-range of accessories and high-quality drivers make the ZX3 the epitome of versatility: whether in array configurations, flying from trusses, or mounted on poles; whether on monitor duty or in a front-of-house system with subwoofers; the ZX3 takes every challenge in its stride. The ZX3 offers the same functionality as the larger ZX5: a choice of coverage patterns is offered in the high-frequency range (90° x 50° or 60° x 60°); the monitoring angle is adjustable (45° or 55°); both passive and bi-amping modes are supported; and there are seven M8 rigging points. The ZX3 is available in black and white, as well as in a weatherproof PI version.



ELECTRO-VOICE XLC AND XLVC ADDITIONS:  
**IMPORTANT SYSTEM EXTENSIONS FOR THE XLC AND XLVC**

Having been upgraded using EV's latest DVX transducer technology, the XLC mid-sized line array is joined by new additions to the series. XLC907DVX is the 90-degree version of the XLC127DVX. It serves as a perfect long-throw extension for existing XLC127DVX rigs, as well as in venues requiring a narrower pattern. Used in combination with the basic B1 and B2 grids, the new TAE-XLC (Tilt Angle Extender) allows the use of extreme array angles without an additional pull-up point. A 90-degree horizontal version is also now available for both the XLD and XLE very compact line arrays: XLD291 is the equivalent dual-eight-inch, dual ND2 version to XLD281; XLE191 is the most compact single-eight-inch, dual ND2 system. The TAE-XLVC (Tilt Angle Extender) fly-bar allows extreme array angles, especially in low clearance areas. The XCS312 is a triple-twelve-inch cardioid subwoofer for flown or ground stacked applications with both XLD and XLE systems.

**EV ENDORSER NEWS +++**

**Levon Helm**, former drummer and singer with legendary outfit The Band, has won a Grammy for his latest solo album "Dirt Farmer". A recent addition to the EV family of endorsers, the artist won the award in the "Best Traditional Folk Album" category. Our warmest congratulations! +++ **Angelo Kelly**, the most talented member of The Kelly Family, will be embarking on another tour of Europe on the 3rd April, accompanied by microphones from Electro-Voice, EQs from Klark Teknik, and Midas desks. Before that, however, the singer, composer, drummer and producer will be appearing at the Musikmesse Frankfurt: on Saturday, 15th March at 4 pm on the Acoustic Stage +++ **Ministry**, the industrial metal stars, will be taking leave of their fans on their upcoming world tour. The "C U LaTour" kicks off in Vancouver on the 28th March, continuing with 33 dates across the USA. Starting in July, the band will then be appearing at festivals in Europe along with, inter alia, 767a, 967 and RE-1 wireless microphones from EV. +++



**DYNACORD D12A AND D 12-3A  
D-LITE NOW POWERED**



DYNACORD is presenting for the first time powered versions of the light, powerful and robust D 12 loudspeaker. The active cabinets bring to the market the same loudspeaker configuration as their passive equivalents. The D 12A is equipped with an Electro-Voice DL12BFH twelve-inch loudspeaker for the bass and midrange and a constant directivity HF horn with the high-power ND 2 driver from Electro-Voice. The three-way version, D 12-3A, offers in addition an extremely low-distortion DYNACORD DND 6120 neodymium diaphragm loudspeaker for the midrange. The constant directivity HF horn of the D 12-3A employs a DH 3 driver from Electro-Voice. With the D 12A and D 12-3A powered loudspeakers, the power is delivered by state-of-the-art technology: integrated 350-watt (lo) and 150-watt (mid/hi) digital power amplifiers and signal processing specially tuned to the loudspeakers. The input signal can be introduced not only by an XLR but also by a jack plug and looped through to additional D 12A or D 12-3A boxes as the case may be via an XLR cable. The integrated level control provides a convenient means of adjusting the volume.



**DYNACORD D-LITE 1000  
ULTRA-COMPACT,  
ULTRA-POWERFUL**



The compact DYNACORD D-LITE 1000 system is the convincing solution for virtually all users of mobile audio systems. With minimal dimensions and a total weight of less than 45 kilos, the D-LITE 1000 packs easily into the boot of a small car. Once set up, of course, the system proves to be a performance giant, satisfying all the requirements of a mobile system in typical DYNACORD quality. Comprising two DYNACORD D8 satellites and the new active PowerSub 312, the system offers not only high sound pressure levels but also masses of projection and coverage. It also achieves brilliantly transparent reproduction with very low distortion. High intelligibility is therefore guaranteed even under acoustically difficult conditions. For mobile DJ applications, the powerful low bass reproduction, which reaches all the way down to 43 Hz, is ideal. The lightweight digital power amplifier (800W + 2 x 250W) integrated into the PowerSub 312 is perfectly tuned to the system in every respect and supports also the connection of e.g. two additional D 8 satellites and a passive Sub 112 as a bass extension. Furthermore, the diverse and extensive array of protections guarantees an ideal level of operating security.

**SOUND SYSTEM MANAGER DSP 260  
HOME AUDIO PERFORMANCE  
AT AN AFFORDABLE PRICE**



With the DSP 260 digital 2-in-6 sound system manager, DYNACORD is continuing its proud tradition in the field of innovative digital signal processors. Based on the most modern hardware, the DSP 260 offers tried-and-tested as well as new algorithms for the simple and swift construction of active multi-way systems. Along with a good price-performance ratio, the developers have emphasized above all user-friendliness. Twenty-four-bit sigma-delta AD/DA converters and a 32-bit floating-point signal processor offer a dynamic range of 111 dB. In addition to the two analog inputs, a digital stereo input in AES/EBU format is available. A -6 dB pad switch in front of the AD converters offers additional security against overload from mixing desks with high output levels. The six individually mutable outputs are electronically balanced and available on XLR sockets. Easily read LED level meters for all inputs and outputs are provided on the front panel. The system is configured using the controls and display provided on the device itself or else by means of editing software. The DSP area is covered by parametric and graphic EQs as well as a delay function in the input and crossover, channel EQ, channel delay and a level control with limiter per output. A PC can be connected via the USB on the front panel. By means of a variable parameter lockout in the editor, settings and parameters on the device can be accessed directly. A feature that commends the DSP 260 also to the rental sector.

DYNACORD POWERSUB 312  
**FRESH WIND IN THE  
 SUBWOOFER SEGMENT**



The mighty PowerSub 312 with its total output of 1300 watts provides masses of pressure in the sub-bass region as well as supplying the power for satellite loudspeakers. The PowerSub 312 twelve-inch powered subwoofer with its integrated three-channel power amplifier was specially designed to permit the swift and simple construction of a subwoofer satellite system. Two passive loudspeakers (e.g. DYNACORD D 8) are needed as satellites, and these are then connected to the Speakon outputs provided for the purpose by the PS312. The integrated light-weight digital power amplifier (800 watts + 2 x 250 watts) is optimally tuned to the integrated DYNACORD DND 12S400 woofer, providing the widest possible dynamic range and best possible audio performance, whilst at the same time ensuring that the DYNACORD DND 12S400 woofer is at all times driven within its ideal working range. To ensure that operating limits are respected, the device is equipped with a wide variety of protections, such as voice coil protection and DC/HF protection. As a result, the PS312 can stand up to even the most extreme demands. The 'Class D Digital Technology' of the power amplifier ensures that power dissipation remains very low, considerably reducing the thermal load.



DYNACORD PROMATRIX 8000 SYSTEM  
**HIGH-PERFORMANCE AUDIO AND  
 THE HIGHEST SAFETY STANDARDS**



Ten years since the successful market launch of the PROMATRIX sound reinforcement and alarm system from DYNACORD, the manufacturer is bringing a comprehensive update to the market: the PROMATRIX 8000 System. The heart of the system is the DPM 8016 Matrix Manager with its integrated controller and flexible matrix with up to 16 audio inputs and up to 16 audio outputs. The integrated microprocessor permits 24-bit audio signal processing achieving a SNR of more than 107 dB. An Ethernet interface permits the audio and control networking of up to a hundred DPM 8016 units. The PROMATRIX 8000 System includes the DPA 8150 (1 x 500 W / 100 V), DPA 8225 (2 x 250 W / 100 V) and DPA 8412 (4 x 125 W / 100 V) amplifiers. These Class D power amplifiers with low head dissipation are 24 V DC emergency power capable and dispose over an additional audio input. For the extension of the con-

trol and supervision possibilities, an interface to the PROMATRIX DCS system is available in the form of the DCS 801R allowing relay cards, logic input cards and analogue input/output cards to be controlled and selected. For the operation of the system, the basic DPC 8015 keypad and the DPC 8120 extension are available. All the keys of the keypanels are freely programmable and offer a LED display. All the devices of the PROMATRIX 8000 family are IRISNET™ capable. The PROMATRIX 8000 system is the integral audio platform for ProSound, ELA and AV and complies with all the standards applicable to voice alarm systems.



Less weight, more power and uncompromising audio performance are ever more clearly defined trends in the area of live music. With the new light athletes of the D-Lite series, DYNACORD is once again setting milestones in first-class compact loudspeaker systems for the mobile sector as well as complying with the trend towards multi-functionality with the high-powered loudspeakers of the VariLine, which are also suitable for installations of the highest quality. The requisite power is provided by DYNACORD power amplifiers, which in addition to their excellent audio characteristics are notable for their light weight and very high efficiency. With the PROMATRIX 8000 system being presented for the first time in Frankfurt, DYNACORD is setting a new benchmark in modern pro sound/life safety installations and complying in full with the trend towards digital networking and high integration density.

**Martin Traut, Director BL DYNACORD Pro Sound**

CINEVIDEOGROUP, HILVERSUM **NEW OB TRUCKS WITH EQUIPMENT FROM TELEX/RTS**



Only the finest: inside the new broadcast trucks

Cinevideogroup of the Netherlands further raised its profile recently through the acquisition of two new high-definition outside broadcast

vans. Equipped with high-end components, the vans have already seen service in recent months in every corner of Europe: in Spain, for example, providing coverage of football matches involving Real Madrid, FC Barcelona, and FC Valencia for the Rainbow Sports Network; in the Netherlands, recording performances by the Dutch comedian Sjaak Bral; and in Berlin and Sicily retransmitting concerts given respectively by The Cure and Simply Red. What's more, Cinevideogroup's order books are full right through to the end of 2008. Upcoming engagements include more matches in Spain's first division, and concerts, inter alia, by Mariah Carey and Iron Maiden. To ensure its capacity to maintain the highest possible level of performance, whilst fulfilling these sophisticated recording

and transmission commissions, Cinevideogroup has invested in products from TELEX/RTS. One of the new outside broadcast vans, for example, boasts a 128-port ADAM matrix as well as DP-32 and KP-12 keypanels. The other is also equipped with KP-32 and KP-12 keypanels and a Cronus 64 matrix. Cinevideogroup - a member of United Broadcast Facilities Group - is one of Europe's specialists in mobile broadcast facilities and has been serving leading producers and broadcasters in Europe and beyond since 1982.



INTERSEC 2008, DUBAI **A STRONG SHOWING BY TELEX**



"Outstanding response" – Ziad Soussou at the Intersec 2008

From January 13-15, 2008, TELEX exhibited at the Intersec security trade fair in Dubai. As a brand of Bosch Communications Systems, TELEX was presenting its latest dispatch and LMR devices at the Bosch Security Systems booth. The IP-based dispatch system IP-223 (Dual IP Network Remote Adapter) and the C-soft control software attracted particularly lively interest among visitors. "The response to our systems and services was outstanding," reports a satisfied Ziad Soussou, TELEX/RTS Regional Sales Manager

MEA. "At the Intersec, we were able to consolidate and enhance our status in the region."

EMERGENCY OPERATIONS CENTER, HOUSTON  
**CRISIS MANAGEMENT – WITH ADAM**



Secure is secure – with TELEX/RTS systems

Bill McKee (Broadcast Technical Services), with support from Britt Bowers of TELEX/RTS, recently installed an Advanced Digital Audio Matrix in the Emergency Operations Center (EOC) in Houston. The heart of a supremely flexible and user-friendly intercom system that links the Houston EOC with all appropriate city, regional

and federal departments and agencies, the ADAM installation is remarkable, in the view of Terry Moore, who manages the systems at Houston EOC, for its "interoperability." "The City of Houston Emergency Operations Center handles everything from local 911 dispatching to city, county, state, and federal emergency services," reports Moore. "The TELEX solution we employed was focused towards making the Houston EOC a state-of-the-art communications hub, allowing personnel from the police, fire, public works, hospital, and medical infrastructure to communicate more efficiently when the EOC is active, which is approximately 25 days a year. Britt Bowers and Bill McKee came down to our facility to demonstrate the RTS ADAM system,

which immediately demonstrated the kind of interoperability we required to integrate all the EOC's two-way radios, telephones, and audio feeds from broadcast into a single system. "Since the nature of our business is dealing with the unexpected, this level of versatility and flexibility is a great advantage. We have to quickly address who needs to be where, and this system helps us shuffle our coordination positions accordingly when we need to—we can focus on our people, rather than tackling hardware logistics, which wastes time," says Terry Moore. The system has been used a handful of times since installation, including for Hurricanes Humberto and Erin.

## AUDIO PLUS, POLAND **OUTSTANDING ACHIEVEMENTS**



Reason to be joyful: Sebastian Pawlak of Audio Plus and Nico Lewis

The award for "Distributor of the Year" was again presented at the IBC 2007. This year the coveted award went to the TELEX/RTS's Polish partner Audio Plus. The team led by Krzysztof Sokol and Sebastian Pawlak (left in the picture next to Nico Lewis) convinced the jury with its outstanding achievements and systematically customer- and service-oriented corporate philosophy. "The team from Audio Plus do their utmost at all times to satisfy customers," explained Nico Lewis, Director Sales CCS EMEA. "They are constantly organizing demos and works-

hops, offer exemplary after sales service, and provide constant day-to-day support to their customers." Positive turnover figures, an impressive level of technical expertise and a comprehensive product portfolio were further arguments in Audio Plus's favour.

## NEW KEYPANEL FROM RTS **KP-32CLD WITH COLOUR DISPLAY**



The KP-32CLD is the new flagship keypanel from RTS. This innovative solution satisfies all the basic requirements of a keypanel as well as offering numerous new features for keypanel control. The KP-32CLD offers an integrated 4.9-inch colour LCD that displays the most important functions in a user-friendly way. The ergonomic design features a flat front panel that fits flush within a rack-mount configuration. The KP-32CLD offers a whole range of new features. Up to six auxiliary inputs are permitted, for example, and independent digital gain control is provided for microphones, as well as

configurable audio routing. Thirty-two multi-directional keys are offered for talk, listen, and emulation of traditional LCP control function. The KP-32CLD is perfectly conceived to adapt to future developments. It has been designed, for example, to allow for an expansion panel, program assign panel, and optional connections to the matrix. It supports not only today's but also future transmission formats, and a USB connector (for future expansion and other planned interface features) is already integrated. In the realm of digital signal processing, the KP-32CLD offers Acoustic Echo Cancellation, Equalization,

Mixing, Filtering, and Metering. Hardly surprising, then, that during the IBC 2007, the broadcasting magazine TV Technology Europe awarded the KP-32CLD keypanel its STAR award for "outstanding technical innovation in the broadcasting sector". Comments Nico Lewis, Director Sales CCS EMEA at TELEX/RTS: "This award confirms that we are on the right track. The new keypanel was developed in collaboration with our most important partners and customers and corresponds exactly to the industry's needs."



### +++ TELEX-TICKER DUBAI +++ TELEX-TICKER DUBAI +++

The Dubai-based EVI Audio partner NMK reports a whole series of new references. A few examples: in the largest private university in the United Arab Emirates, which is in Aiman, Telex AudioCom installed an extensive network comprising audio products from TELEX/RTS +++ The Jumeirah School in Dubai opted recently to invest in a new 700 series Telex RadioCom system that consists of a BTR700, a TR700 belt-pack and headsets and guarantees full duplex communication +++ The rental company Iceberg Events purchased a two-wire communications system to optimise communication during its elaborate audio, video and lighting productions +++ Zio Technologies, a pro audio company with bases in Dubai and Abu Dhabi, has been using Telex AudioCom products to provide complete solutions for installations in schools as well for stage, theatrical and drama productions.

## EVI AUDIO IN-HOUSE EXHIBITION 2008 A FAIR WITH MANY HIGHLIGHTS



Around 700 guests enjoyed the in-house exhibition with an extensive program

From January 10th to 13th 2008, the international pro audio scene assembled for the 21st time in Straubing, lower Bavaria, for the EVI Audio in-house exhibition ("Hausmesse"), where the team led by Vice President Sales EMEA Robert Hesse and Plant Manager Konrad Proyer was

pleased to welcome around 700 industry and media partners from 48 different countries. This year's program included a large number of new product breakouts, a comprehensive array of demonstrations and workshops, as well as a tour of the new production hall and new test and

demo hall. As a special diversion this year, guests were invited to compete in the Hausmesse Quiz for prizes that included an iPod touch.

## INTERVIEW WITH DAVID ROBINSON, PRO SOUND NEWS EUROPE "DON'T BE AFRAID TO BE DARING WITH INNOVATION"

**NEWSFLASH:** *What developments do you detect in the music industry?*

**David Robinson:** There are some obvious trends which have been with us for a while: the decline of traditional recording studios; the rise of the laptop producer; more and more technologies shifting from analogue to digital, while margins tumble. But also, a live sound market that just won't be stalled by a credit crunch or a bad summer weather! And, as the recent ISE show quite clearly proved, lots of growth potential still in the integrated AV sector.

**NEWSFLASH:** *What conditions in your view must the music industry fulfill in order to satisfy customers?*

**David Robinson:** Sounds like a no-brainer, but you have to deal in quality, at the right price. Second, manufacturers and those supplying a service always tell methat 'after-sales' is their primary concern, and this will become an increasing priority as bricks-and-mortar sellers compete with clicks-and-mortar.

**NEWSFLASH:** *Having competitive products is no longer enough: the image of a company is also*

*of importance. What can a company do, in your opinion, to improve its image?*

**David Robinson:** As a CEO I interviewed recently told me, don't be afraid to be daring with innovation. Don't go the 'me too' route, think 'what else?' Also: a company should have its teams attuned to thinking, 'How can we exploit our achievements?'. In other words, use publicity and the press as much as possible! Finally, if you advertise in the English-speaking press, always get a native English speaker to proof your ads – you'd be surprised the number of people that don't!



Industry expert:  
David Robinson of Pro Sound News Europe

## EVI AUDIO VOCATIONAL SCHOOL TOUR LEARNING BY DOING

In Autumn 2007, the EVI Audio Vocational School Tour visited vocational schools throughout Germany bearing DYNACORD VariLine speakers, DYNACORD Power-H amplifiers, Electro-Voice microphones, and Midas consoles. Mario Klein of YourEvent, who organized the tour, considered it a success and announced a resumption of the tour, with its practice-oriented workshops, in 2008. The first dates have already been determined. Interested schools please contact [eviaudio@yourevent.de](mailto:eviaudio@yourevent.de) or Mario directly at [mklein@yourevent.de](mailto:mklein@yourevent.de).



Practice-oriented seminars: the EVI Audio Vocational School Tour

## STADIUM SOUND WITH EV MAJOR PLAYER

EV is a major player in the world of stadium sound reinforcement, including soccer-obsessed Brazil. When 70,000 people gathered in Morumbi Stadium in São Paulo to watch the World Cup qualification match between Brazil and Uruguay on November 22nd 2007 they couldn't fail to be impressed by the magnificent sound systems from Electro-Voice, including XLC enclosures and P3000 RL amplifiers running IRISNet™. A Midas XL4 provided the perfect mix for the home team's 2:1 victory. Adding to this global prestige, EVI Audio will also be playing a major role during both the qualifying matches and finals for the 2010 FIFA World Cup in South Africa. "After our successes with the Olympic Games and the last FIFA World Cup in Germany, people know that we provide the very best sound for stadiums and that we have the right systems to put our know-how into practice," says Oliver Sahm, Project and Sales Manager, Permanent Installation. Those responsible for the 95,000-seater Soccer City Arena in Johannesburg, the principal venue for the upcoming World Cup, are of the same mind. The contract has already been awarded to EVI Audio.



A hotly disputed match in front of 70,000 spectators: Brazil beats Uruguay 2:1

## "MUSIC MOSCOW" 2007 RUTON S PRESENTS EV PRODUCTS

In October 2007, the Russian EV distributor Ruton S was presenting the full range of Electro-Voice loudspeakers and microphones at the "Music Moscow" fair, Russia's largest trade fair for musical instruments and professional sound, lighting and video equipment. Featuring product highlights like the PHOENIX system, the RE20, the RE510 and the N/D767a, the Ruton S booth was among the most visited at the entire four-day event.



EV: a major draw at "Music Moscow" 2007

## TECHNICAL SUPPORT PRO AUDIO EMEA EXPANDED BRIEF

Since the beginning of the year, Oliver Sahm has been occupying the post of Director of Technical Support Pro Audio EMEA where he heads up a seven-man team offering expert support in the areas of Concert Sound, MI, PI, IRISNet™ and applications. Of his new responsibilities, Oliver Sahm, who is also Interim Director PI Sales Germany, had this to say: "Assisted by my competent colleagues, my task is to help customers find optimum system solutions or earlier with their system planning. With our specialized know-how, we are in a position to find answers to all questions relating to electro-acoustics."

### Contact Oliver Sahm:

Phone: +49-9421-706-370

Fax: +49-9421-706-319

Email: [Oliver.Sahm@de.Bosch.com](mailto:Oliver.Sahm@de.Bosch.com)



## DC AUDIO PRODUCTS SL NEW DYNACORD DISTRIBUTOR IN SPAIN

At the beginning of 2008, DC Audio Products SL took over the distribution of DYNACORD audio systems within Spain. The seven-man team led by MD Jordi Alemany is based in Santa Perpètua de Mogoda, a small town near Barcelona.

### Contact DC Audio Products SL:

Jordi Alemany

Phone: +34 93 504 94 10

Fax: +34 93 504 94 11

Email: [info@dcaudioproducts.com](mailto:info@dcaudioproducts.com)

Serving DYNACORD with distinction in Spain: Ana Notario and MD Jordi Alemany



# TO THE MAX

The **EV** Power Experience

WOLF SIMON  
T.M. STEVENS  
BONITA  
JUERGEN DAHMEN  
RALF OEHMICHEN  
SCHRADER

Special guests from South Africa:  
**BONITA & THE BAND !**

Visit us at the **musikmesse Frankfurt**

## **AGORA-TENT**

between hall 3, 4 and 5  
and listen to our Sound Systems  
Electro-Voice XLE & DYNACORD VariLine

More sound at our booth

## **HALL 4.1 BOOTH E70**

**prolight+sound** from March 12-15, 2008

**EV** Electro-Voice

**OMIDAS**

**RTS**

**DYNACORD**

**KLARKTEKNIK**

**TELEX**