

LOUD & CLEAR

KV2 CELEBRATES TEN YEARS OF INNOVATION AT MUSIKMESSE 2012

The 2012 Musikmesse held some special significance for KV2. Apart from always being an exciting time to unveil new products and meet up with business partners from around the world, 2012 represents the tenth year of KV2, which started in a modest cottage amongst the woods in the outskirts of Milevsko in the Czech Republic.



*KV2's very first press release
Pro Sound News, Jan 2003*

It was here founder and Chief Engineer, **George Krampera** designed the immensely successful **ES Systems** which launched KV2 Audio in 2003. From these humble origins the company has grown into a market leader in the development and design of low distortion, high definition point source speaker systems and accompanying electronics. Today KV2 is a vibrant company filled with people passionate about what they do - building the best audio equipment on the planet.



George Krampera's original R&D lab



An early ES prototype

NEW PRODUCTS FOR RELEASE IN 2012

It has been a productive time at KV2 during one of the coldest Czech winters on record. At one stage the mercury hit an incredible 37 degrees BELOW zero! Our engineers kept working at benches and computers, soldering irons in hand developing some amazing new products which will set new standards in the audio industry in 2012.

These products include the **ESM26 Stage Monitor**, **JK Series DIs** and **Audio Tools**, **ESP2000 Amplifier**, the new **SL Series Slim Line Speaker System** and the **ESR Full-Range Stadium/Venue Speaker System**. Further refinements have also been achieved in the **VHD Flying System** for even faster and easier setup and a new **EPAK Road Case** providing maximum protection and reliability for mobile ES Rigs.



KV2's EPAK Road Case ▶

Some of the team at KV2 Audio in Czech



For over ten years now KV2 has bucked industry trends and broken industry standards in the pursuit of audio excellence. We challenge you to gauge our success. Call for a demo today.

Celebrating Ten Years 2002-2012

NEW AT MESSE 2012

KV2 AUDIO CLUB SERIES

SL412 & SL2.15 SLIM-LINE SPEAKER SYSTEM



SL412

Launching at Musikmesse this new loudspeaker design by KV2 Audio, presents an innovative and intelligent approach to creating a single solution, in response to the architectural and acoustical challenges of installing audio systems into today's modern entertainment venues. The requirement for truly 'environment integrated' enclosures is always a difficult prospect, with large, or often deep enclosures protruding into and breaking up sight lines. Requests are often received from both architects and interior designers for less obtrusive units, whilst providing the highest integrity in sound quality, output and coverage.

The new **SL412** and **SL2.15** speakers incorporate an eye catching slim stylish cabinet design, similar in appearance to the latest high-tech flat screens that adorn the walls of venues and entertainment complexes throughout the world. Designed to integrate either externally through simple wall mounting, suspension, ground stacking, or internally into walls and surfaces, these units can be designed and supplied with custom colors, grill templates and logos, offering a flexible and true designer integration product. A single yoke assembly with multiple fixed angle and fixing locations, provides a quick and cost effective solution for simple suspension options.

Using KV2 VHD technology, the **SL412** loudspeaker utilizes 4 x 12" low mid-range components and the proven and highly respected horn assembly from the VHD1.0 with a single 8" mid-range and 3" large format NPVD compression driver. This mid-high horn has an extremely coherent-wide horizontal dispersion

of over 110 degrees while the purpose designed 4 x 12" configuration dramatically reduces the most common problem of immediate reflections within the 300-800hz range usually associated with wide dispersion loudspeakers. The end result is full and wide sound propagation exactly where it is required.

While the **SL412** can be utilized with any of KV2's wide range of sub woofer systems depending on the actual application the accompanying **SL2.15** utilizes the same slim line design to allow for an aesthetically pleasing and acoustically punchy system that can virtually disappear against a wall.

The **SL2.15** is a 2 x 15" specially designed to output maximum bass response from a it's shallow cabinet design. Final adjustments are currently being made to this product and full specifications will be available soon.

The **SL3000 Stereo Amplifier** drives and controls one **SL412** per channel and follows the typical KV2 holistic approach of matching components with high quality electronics for true direct performance. The **SL3000** utilizes a 1000-watt high efficiency -current enhancing, switch- mode technology, with linear active filter design for the low mid-section, a 200-watt class AB push pull low intermodulation design amplifier for the mid-range and a similar 100-watt design for the high frequencies. All time alignment, phase correction and equalization is provided onboard.

We will be demoing the SL412 at Musikmesse with the VHD2.21 double 21" sub at the Live Sound Arena outside Hall 8.0



ESR215

KV2 ESR 212 & 215 FULL RANGE SYSTEMS

Many of you may have heard the audiophile reproduction of our **Classic Series Speakers** at Messe in 2011. The sound quality of these full-range boxes is so good we have decided to release the Classic Series as an audiophile system with a high quality piano finish. The Classics however are ideal for certain installations where an all-in-one box solution with excellent coverage is required. To fill this niche in the market, the Classic boxes will be re-released under the model **ESR** with sturdy mesh grill, appropriate flyware and mounting brackets and a rugged polymer finish or full fibreglass weatherproof finish for outdoor applications.

The **ESR212** and **215** are three-way enclosures with very wide dispersion. They can be used vertically for theatre, church or cultural centre type installations or horizontally mounted to give

excellent coverage over a tiered seating area for stadium or grandstand type applications. Two **ESR** cabinets can be driven by an **ESR3000 High Definition Amplifier** a three-way, active control amplification system specially designed for the KV2 Audio **ESR** modular loudspeaker systems. It houses all signal processing and amplification as well as providing control for two different external subwoofer cabinet configurations, to run further subwoofer cabinets if needed.

In situations where extended bass response is not needed but full range high definition audio reproduction with extremely good coverage is required, the **ESR** Range offers an ideal solution. Economies of scale are achieved by the requirement of only one **ESR** amplifier to run a stereo system thus placing a single **ESR212** system under the entry-level price of our popular **ES** range.



ESM26 STAGE MONITOR

The new **ESM26** from KV2 Audio is a purpose built, high quality professional stage monitor. Compact in size, the ESM26 at just 374mm wide and 340mm high and weighing only 15kgs, delivers incredible clarity and high output that defies its small dimensions. The twin six inch drivers and horn configuration of the ESM26 delivers superb vocal reproduction, a must in stage monitor

applications. With a sensitivity of 98dB@1 watt the ESM26 can deliver a peak output of 126dB while retaining pristine sound reproduction.

The ESM26 incorporates KV2's unique analog delay line technology as utilised in their popular ESD range of speakers. This circuit incorporated into the speaker's crossover network provides the components with perfect time alignment and phase correction without the need for external processors and bi-amping. The savings this feature provides are substantial, halving amplifier costs and the need for expensive processors.

With perfect phase coherency inbuilt, the ESM26's rejection to feedback is outstanding and absolutely minimal EQ, if any, is needed to create amazing results with this little powerhouse. The ESM26 incorporates two low inductance long excursion high quality six-inch drivers in a bass reflex cabinet. A full width port along the bottom of the cabinet provides direct coupling with the floor for enhanced bass response. The new patent pending 1.75" titanium diaphragm compression driver incorporates a complex geometry phase plug for higher

output, exceptionally low distortion and extended frequency response. It is connected to a 100 x 100 degree horn for wide and deep dispersion so the performer has a good coverage regardless of movement.

Unlike many of today's stage monitor designs which use very shallow angles for aesthetic appeal, the ESM26 incorporates a steeper angle to ensure sound is directed at the performer and rear of stage rather than up into the ceiling. Again this provides for much more practical longer throw applications in television studios or theatres while still retaining a total height of just over 300mm. The ESM26's connector panel is cleverly concealed into its side handle to ensure an attractive, unobtrusive appearance on stage.

The simplicity and ease of use of the ESM26 is only complimented by its extraordinary performance. Through innovative engineering with real world applications in mind, KV2 has delivered a world-class stage monitor at an affordable and accessible price. Ideal for all applications where high quality stage monitoring is required.

NEW JK SERIES AUDIO TOOLS

Named after company founder and chief engineer, George 'Jiri' Krampera, KV2 Audio are pleased to announce the new **JK Series of DI Boxes and Audio Tools**. The JK Series consists of the **JK1 Single Channel DI**, **JK2 Stereo DI**, **JKA Single Channel Acoustic DI with Resonance Notch Filter** and the **JKP Single Channel Passive DI and Mic Splitter**. Also included in the range is the **JKT Tone Generator**, a clever audio tool that will assist every engineer in the tuning and checking of systems and components.

KV2's new JK series represents the pinnacle in DI technology by offering higher headroom and lower output impedance than any other DI on the market. This simply means the JK Series can deliver crystal clear, distortion free audio from the hottest sources without a hint of distortion over greater distance. KV2 has optimized the use of phantom power with a special switching power supply on the JK Series to enable a huge 20 volts of peak power on the internal rails. This allows the JK Series to deliver 50 Ohms on the xlr output giving true line driver capability delivering greater audio integrity and the ability to send high quality signal four times the distance of it's nearest competitor.

All JK Series DI boxes are hand built in the Czech Republic utilizing high quality components and transformers. Full transformer balancing ensures the highest possible signal integrity without interference from RF or ground loops. The heavy-duty steel enclosure provides maximum protection for the electronics and further shielding against external interference. KV2 stands by the build quality of these units with a **full 5-year warranty**.



THE NEW 'CLASS A' ESP2000 POWER AMPLIFIER



The new KV2 **ESP2000 Power Amplifier** incorporates KV2's **SLA** design principles with exceptionally fast settling times and a high quality toroidal transformer that creates a dynamic, super-fast response resulting in extremely clean and smooth sound characteristics at all levels, as well as providing very high feedback

rejection. Built like a tank with an easy to clean filter system, the ESP2000 is robust enough for the harshest touring or installation environments and will provide years of trouble free performance delivering pristine audio quality.

Across the globe KV2 equipment is being installed and used in venues with outstanding results that continue to elevate the brand's status as a high quality professional audio product. In countries across the world the loyal band of KV2 supporters continues to grow for one simple reason, they appreciate true quality sound and providing audio solutions that exceed people's expectations.

CEE LO LIKES IT LOUD!

Grammy Award winning American singer-songwriter, rapper, record producer and actor, **Cee Lo Green**, travels everywhere with his **KV2 Audio EX System**.

The **EX10/EX2.2** system is used for writing, playback and recording. The system travels with Cee Lo in custom cases so he can remain prolific on the road. "Cee Lo likes to listen LOUD!" explained "**Graham Marsh**, Cee Lo's Music Director. "I am also using the KV2s to reference my low end when mixing. If I am recording some players in the control room, I will use the KV2s for playback as well. Not super loud, but they tend to like to hear themselves big. As a musician myself, that is my preference as well. We have a completely mobile/modular writing/recording/production/mixing rig."



Graham Marsh

LAKE VIEW SPORTS AND ENTERTAINMENT CENTER ROMANIA



Lake View covers 4500 sqm providing entertainment at its best, professional pool tables, bowling lanes, electronic games, fitness and wellness center, bar and Italian restaurant. This massive sports and entertainment center opened recently in Constanta and KV2 Audio's, Romanian Distributor **AudioVision** was on hand to deliver an audio system that truly matched the quality of this impressive venue.

AudioVision's challenge was to meet the owner's brief of high-quality, even coverage throughout the massive complex. They equipped the facility with a total of fifty **ESD6** passive enclosures and four **EX1.5** subs. The owners were impressed with the clarity, coverage and high output delivered by the tiny ESD6. The system provides smooth detailed high-fidelity audio throughout the venue without the hotspots and directionality problems that occur with other small passive enclosures.



KV2 ESD6



HOLLYWOOD'S LEGENDARY KEY CLUB UPGRADES TO 20MHz

Way back in 2005 as KV2 was just starting to really become noticed around the world, the iconic **Key Club** off Sunset Boulevard installed a **double ES System**. The club's history dates back to the 60's, when **Bill Gazzarri**, "The Godfather of Rock n Roll", created a premiere venue, **Gazzarri's**, for artists like **The Doors**, **Van Halen**, **Alice Cooper**, **Tom Petty**, **Tina Turner**, **Mötley Crüe**, and **Guns N' Roses**.

Renamed **The Key Club** in 1998, it has hosted a diverse group of talent which include **Bon Jovi**, **N Sync**, **Kanye West**, **Incubus**, **Tony Bennett**, **Prince**, **The Roots**, **Heart**, and **Def Leppard**.

Now under new ownership and branded Sunset Live presents the Key Club, the famed venue promises to not only continue the tradition set forth by Gazzarri's and the Key Club of the '90s and early 2000s, but to elevate it and set a new standard for the live music experience. We were delighted when their production manager contacted us recently to say the system was still going strong but would like to undertake some routine maintenance. We immediately offered to upgrade the **EPACKS** with our new 20MHz processing cards to ensure the club retains its reputation as the premier live venue in LA for years to come.

"The sound system is phenomenal, one of the best in Los Angeles, and it's clear everyone at The Key Club, from the owner to the manager to the sound guys to the bartenders, just loves music. The Key Club keeps it real like no other club in LA".

Quote from LA Nightlife.com



LEO SAYER TOURS WITH KV2

Legendary international performer **Leo Sayer**, tours with a **KV2 ES** or **VHD** system whenever he is doing dates around Australia.

First introduced to KV2 by Australian Distributor **Dave Williams** who offered Leo some **EX12s** for foldback monitors. "Leo was blown away with the EX12s" said Dave. "He now uses a full KV2 production wherever possible."

Leo's FOH engineer **Damien Young** took a little more convincing, he commented "At the first gig I had our old production and the KV2 system set up with the ability to switch between them both for a quick A/B. The KV2 system looked small in comparison to the other system - so small it kind of scared me. My fear vanished when I heard the system, it was fantastic! The KV2 system gave me the best vocal, acoustic guitar and piano sounds. All sounds had great separation and I could really hear the placement/position of anything I panned."



Australian KV2 Distributor Dave Williams with Leo Sayer

SINGAPORE'S HAKKA CHURCH INSTALLS KV2's ES/ESD COMBINATION



KV2's Singapore Distributor, **Sindo Exports** recently supplied a **KV2 ES** and **ESD** system for an installation at the historic **Hakka Church** off Thompson Road. The church committee trialed six different systems with the KV2 being selected.

Mr Robert Soo who provided audio consultation for the project commented. "The system was as smooth as it was impressive." Installed by **Christopher Chang** of **WOW Media Resources**, the **ES1.0** were flown in the ceiling on either side of the church with **ESD10s** hung underneath for down fill. By positioning the system this way, only a 3db drop was experienced at the mix position at the back of the hall with even and uncoloured coverage throughout the church. Separate levels are sent to the **ES System** and **ESD10s** via KV2's **SAC2 Super Analog Controller** which also provides EQ, room resonance filters and subtle limiting. Two **ES1.8 subs** were placed against the wall on either side of the church's stage for extended yet subtle bass response. **Reverend Lee** from the Hakka Church commented that the system had been very positively received by the entire congregation and had certainly revealed the musical ability of the church band. "You can no longer hide if you playing badly, it is so obvious so revealing! I just laughed and told them they needed to rehearse more."



Plaza Klub

VHD ...AT PLAZA KLUB SWITZERLAND

Zurich has a great club scene with high-class venues that demand the very best in audio reproduction. KV2's Distributors in Switzerland **Plus Music** scooped the **Swiss Nightlife Awards** recently, awarded **Best Club** for the **Mascotte** and **Best New Club** for the **Plaza Klub**. The Plaza Klub operates as both a dance and live venue, and has a **single VHD** system comprising of two **VHD2.0** mid high boxes and two **VHD2.15** subs flown with six **VHD2.16** subs on the floor. Flown **ES1.0** and **ES1.5s** along with **ESD12s** are used for room-fill.

Plus Music Partner **Gianluca Trevisan** commented, "We are very satisfied working with KV2 Audio. It's a brand and a product which, besides having incredible sound quality, clarity and output, fits perfectly into the kind of projects we design and install. The company itself is able to provide a very high-level of support when needed to make our job the best it can be. We are satisfied, the club owners are satisfied and people can just enjoy their nights in the clubs with the best sound system". The result of this is clear. Two of the best clubs in Switzerland, are equipped with KV2 Audio equipment.



KV2 AUDIO SAC2 CONTROLLER

Crossover, EQ, dynamics: give your PA some analogue lovin'

KV2 Audio is a small pro audio company based in the Czech Republic. Founder George Krampera has a long history of designing and building audio equipment including time designing for RCF. In 2001 he and a couple of colleagues from RCF joined forces and KV2 Audio was born. The company aims for the highest possible audio quality in its products, whether analogue, digital or hybrid, and they're developed around George's lifelong quest to "reduce distortion and retain the dynamic range and exact detail of the source sound." That's a beautiful philosophy if ever I heard one, and striving for this purity of sound has involved technical developments that have made KV2 both an analogue champion and a digital warrior.

Primarily speaker manufacturers, KV2 has begun branching out into speaker controllers, and I can see the logic in that. The SAC2 speaker controller is its latest product and although it's been designed for use with KV2's ESD speakers it can be used with any speaker system.

CROSSING OVER

The SAC2 is a cleverly designed processor that combines a two-way stereo crossover with EQ and dynamics to provide complete control of audio speaker systems. Most current system controllers are digital, whereas the SAC2 is a high-quality, latency-free, analogue design. It has outstanding technical specifications courtesy of KV2's Super Analog technology that places great importance on the accuracy and speed of the underlying electronics. The result is a frequency response of -1dB from 3Hz to 40kHz, 115dB dynamic range and THD of 0.005%. It's a 1U 19-inch rackmountable unit that's pleasing to look at and a good example of how an analogue device can be simpler to use with all its functions on display and accessible via knobs or switches. A digital controller could have more functions but LCD displays and nudge buttons don't compare to real controls for looks or ease of operation.

It's a solid unit and at 3.2kg it feels like there's a lot inside. The knobs, switches and meters are all good quality and well labelled. It looks simple and intuitive but the control options and operating modes are surprisingly comprehensive. Starting from the left there's a section that contains a gain knob, limiter level knob and a 12dB/octave HPF that switches between 20Hz and 40Hz. The limiter has an active light beside the knob and on the rear panel there's a switch that toggles both the limiter's attack and release between fast and slow. The next section contains a four-band equaliser, with defeat switch, that cuts/boosts the signal at centre-points of 40Hz, 450Hz, 2.5kHz and 18kHz. Next to the EQ section there are dual notch filters for the left and right channels. These narrow-band filters are switchable between 6 and 12dB/octave and are intended to either tame PA/room resonances or reduce feedback hotspots. Combined with the four-band EQ section the SAC2 would provide sufficient EQ control for many systems, potentially eliminating the need for the traditional system graphic EQ.

DIRECT APPROACH

The output section to the right of the front panel has 4 x five-segment LED meters indicating the Hi/Lo output levels of the left and right channels. Knobs adjust the low and high output levels of both channels simultaneously. The crossover frequency can be switched between 70Hz and 120Hz and there are two switches that defeat the crossover filters and allow full-range signal to pass to both the low and high outputs. Although the SAC2 is designed mainly as a two-way crossover it could be used as a dual full-range system controller by switching both bands to Direct. For instance, the low output could be set to Direct and sent to FOH speakers while the high output could be set to Direct (or via the 70Hz/120Hz

HPF) and sent to foldback or in-fill speakers. This setup would work well for bands that mix themselves from either on-stage or side-stage. The EQ and limiting would be across both systems but it's an interesting idea and adds flexibility to its application options.

The rear panel has pairs of high and low XLR outputs each with a phase reverse switch. A Sub mode switches the low outputs between mono and stereo. Each output is driven by KV2's VHD line driver technology that it claims is capable of driving long cable runs (over 100m) without signal degradation. The only other control is a switch to engage a low-frequency enhancement circuit that provides boost around 60Hz. This also works in full-range mode and adds another EQ option.

OUTDOORS, IN CONTROL

In use, the SAC2 is simple to connect and operate. I used it at an outdoor show with my trusty horn-loaded double three-way and noticed several improvements over my existing crossover setup but the main impression was that it just sounded better... clearer, punchier, very nice. The other improvements were the extra controls at hand. The sub EQ switch added some good solid low end and its set deep enough to get under the often overly-resonant 100Hz–160Hz region. The EQ section had enough controls to be able to use it instead of my normal system EQ. Of course, because of my cabling the SAC2 was sitting near the stage with the amp racks and that made it impossible to adjust from the front-of-house mixing position, but once I was happy with the broad settings I found the channel EQ took care of individual tweaks to instruments or vocals. The fourband EQ has been designed to operate without interference between bands and with excellent phase response. It sounds super-clean with quite wide cut/boost shapes well-suited to overall sound sculpting while the additional notch filters were great for controlling the often unruly low/low-mids in my PA.

The limiter is designed to be as much a leveller as it is a system-protection device. Its attack and release times are quite slow and the control knob dials up the desired output level, rather than a threshold. It bites hard if it's hit with a big level, as it should, but with music playing it's commendably transparent even with a lot of levelling going on. Back home, I set the system up and did my best to do an A/B comparison to make sure I wasn't fooling myself about the improved sound. I couldn't switch from my usual crossover to the SAC2 instantly, or do a blind test, but the SAC2 always sounded better, which is great for KV2 but leaves me with the slightly uncomfortable feeling that my PA won't sound as good next time I use it.

WITH KNOBS ON

These are hard units to fault but I had small concern with how hot it gets underneath the power supply end, almost too hot to touch. KV2's technical people assure me that even if it does get too hot to touch it's still within its normal operating range and it's not going to overheat when mounted in a full rack of gear at an outdoor gig in the Australian summer sun.

And that's it: simple but powerful, easy to understand and a pleasure to use. The KV2 SAC2 is not a cheap bit of gear but its top quality and very well made. I applaud the fact its analogue. Possible applications for the SAC2 include installations, clubs, churches, theatres as well as PA operators or bands that run their own gear. It would also be ideal for studio monitoring control. Great kit, well done KV2 Audio.

Reprinted from Australia's Audio Technology Magazine and written by Mark Woods

SPECIAL FEATURE...

KV2 ON HOME GROUND THE PISEK THEATRE

Quaintly tucked away within the Old town of Pisek, Southern Bohemia in the Czech Republic, a country similarly noted for its own 'quiet velvet revolution', a similar broadening of minds and ideas has been undertaken within the beautifully recently renovated **Civic Town Theatre**.

Pisek Town Theatre is a traditional multiple seat venue, originally brought to life way back in 1868, presenting the entertainment of the day and then seeing a re-build and update in 1937. In 2010, local re-elections brought a Civic idea to completely renew and update what had become a very tired and sorry building.

The decision made and agreed, the budget was made available from a mixture of City monies, the Ministry of Culture and Government funding. Before any contracts and works began, the Officers of the town undertook a policy of visiting several theatres, from large to small around the country to both see and hear what the finest visual and sound experiences were on hand. One theatre already stood out to them, namely the existing **Culture Theatre** also based in Pisek, which had been updated with new KV2 Audio loudspeakers and control, and it was then based on the performance of this system compared to the many various others that they specified a complete new KV2 audio design for the forthcoming re-build

However, the expectations and demands were extremely high, with specific wordings that the system had to present and reproduce the 'spatial and depth of perspective throughout the theatre, regardless of where a listener was seated, as well as the system could not be seen-it had to be completely built in and not to waste the plain but functional aesthetics of the new architectural design.

Here George Krampera of KV2 Audio set to work alongside both the acoustical consultant and chief architect to present a finite solution, where all the above and more was achieved. George explained, "I decided to create a discreet, almost custom design that incorporated some quite revolutionary methods of really bringing out all of the space, depth, performance and naturalness of the performance, from the stage directly out into the audience."

This was done by in effect creating two individual systems: One could be called the Music system, which is more like a traditional Front of House, Left and Right suspended affair, with ESR215 loudspeakers utilized in columns each side of the stage, but actually built into defined acoustical recesses in the walls so you do not see the speakers. These very wide

dispersion units create an amazing effect so that no matter where you sit within the auditorium, the stereo and spatial effect stays with you, creating a very relaxed and natural sound making any reproduction sound full, balanced and not directional in any way.

Coupled to the ESR3000 amplifiers is an intriguing method of employing Subwoofers: George took the radical move of actually placing four single 21" subwoofers virtually dead center of the auditorium in the ceiling.

The idea behind this was because in this position at the height, the seats within the theatre were all within an ideal proportion of similar distance from the subs.

Secondly these bass signals couple with the floor rather than the back wall meaning that with only minimal signal the bass response is ideal in a seated position. Taking into account that these subs were only presenting the last octave of the whole sound, the apparent coverage and response throughout the room is remarkably smooth and totally integrated-no hot or cold spots, peaks or holes.

Four small KV2 ESD6 two-way enclosures are used to provide and continue intelligibility underneath the balcony and are delayed to virtually disappear.

The second system as such could be more described as an 'actors or speech/play system'. When a play or acting is shown, then without music, the main system is not usually used. Instead a separate system is employed, complete with special pre-amplifiers, amplifiers and

custom designed and built microphones, again all discreetly installed, but operate in such a way that the listeners experience the true 'movements' forward and back as well as sideways within the stage-creating a truly natural feeling as if you are there on the stage, rather than in the audience.

On the stage itself, KV2 SD8 microphone preamplifiers are used each side for all microphone inputs and there are a total of four ESD12 loudspeaker enclosures virtually within each corner of the stage, specifically employed for either special effects and or monitoring. Both ESD12's and 6's are all driven and controlled via the use of a KV2 SAC2 controller and ESP4000 4ch amplifier. A further three ESD6 units have been utilized at the immediate front edge of the stage/orchestra pit, again built in to 'bring the sound down' from the stage at the immediate front rows.

Overall the Civic governors and members of the Town have all openly and proudly declared that they feel the Theatre system is the best sounding and operationally most successful in the Czech Republic. Both visitors and performers are expressing their appreciation and preference for working within this very special Theatre. To date several forthcoming projects are due for a similar design.



The Pisek Theatre





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After years of research and development, KV2 Audio is pleased to announce a new standard in live sound reinforcement. [Click here](#) to find out how our technological advances are taking speaker performance and sound quality to a new level.

Join our community to share your KV2 experiences and get the latest company developments. Don't own KV2? No problem. Everyone interested in making the world sound better is welcome. [Click here to join](#)

KV2 Audio is sold across the world by a team of dedicated and devoted dealers and distributors, people with a passion for quality sound. [Click here](#) to find a distributor or contact us directly.

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The KV2 website is constantly evolving and developing as we add more and more information. You can find the details on all of our design philosophies incorporated into our SLA technology, info on our Czech heritage and a brief history of our founder and Chief Engineer, George Krampera.

It is of course packed with product information in a quick and easy to navigate format. All the latest KV2 News is updated regularly.

The website is also interactive, in that visitors can register for this promotional newsletter, enter their product details for warranty, and submit their KV2 story for our Community page which will highlight KV2 users from around the world

You can also connect directly to our Facebook page where **each month's best post wins a new KV2 JKT Tone Generator.**



Win a JKT on Facebook...

We love to hear from people out there about our products and what they like about KV2. Each month we will now be asking a simple question and the best comment posted will win a new **JKT Tone Generator**, the perfect audio tool for checking equipment and tuning PA Systems.

OUR MISSION STATEMENT

At KV2 Audio, our vision is to constantly develop technologies that eliminate distortion and loss of information, providing a true dynamic representation of the source.

Our aim is to create audio products that absorb you, place you within the performance and deliver a listening experience beyond expectation.



"KV2 USERS.. We want YOU!!"

Do YOU use KV2 equipment? If so, please email a few words and a picture about what you do and how you use our gear - we will post this on our Community Page.

PLUS - Include your t-shirt size and receive a **KV2 T-Shirt** for your trouble!



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