

MOVE

The magazine for show technology **01|2022**

Light Captain

New App for Lighting
Control by EUROLITE

“We need a deep connection”

Interview with
Nicolas Lucas from
CELTO Acoustique

Green Events

More sustainability in the
event industry

Change in Perspective

Deco Trend: Vertical Gardens



Dear readers,

How are you doing? To be honest, it's not easy for us to answer this question truthfully at the moment. We feel as if we are caught between worry and hope, between delivery difficulties and a new start in the industry, between pandemic conditions and Freedom Day. As these lines are being written, we are preparing for Prolight+Sound, which will take place again after a two-year break from Corona - and at the same time, the who-knows-how-many Covid wave is also rolling through our editorial office. Every day, news from all over the world reaches us, drawing worry lines on our foreheads, but still, we hope for a better, more peaceful, more joyful summer.

Ambitious as ever, we have set ourselves the goal of informing and entertaining you with this issue of MOVE magazine. In the best-case scenario, we will bring a little "aha" instead of worry lines on your forehead and put a smile on your face. What do we have to offer you in this issue? Of course, in keeping with Prolight+Sound, there is a lot of information about new products from the lighting and sound technology sectors. In addition to a brand-new app for lighting control, we also introduce you to a new rotary mixer that was developed based on user feedback. In addition, we have compiled tips for you in terms of decoration for the upcoming wedding season and we show you how you can create an eternally beautiful vertical garden yourself. In an interview, hearing care professional Mirko Nikolai gives us an insight into the topic of hearing protection, which is still often neglected in the industry. For event managers and event planners, it might be worth taking a look at our article on sustainability in the event industry. And that's not all!

As you can see, we have prepared a wide range of topics, products, and information for you again. We hope you enjoy browsing through this issue - and, of course, have a great summer!

Your MOVE team

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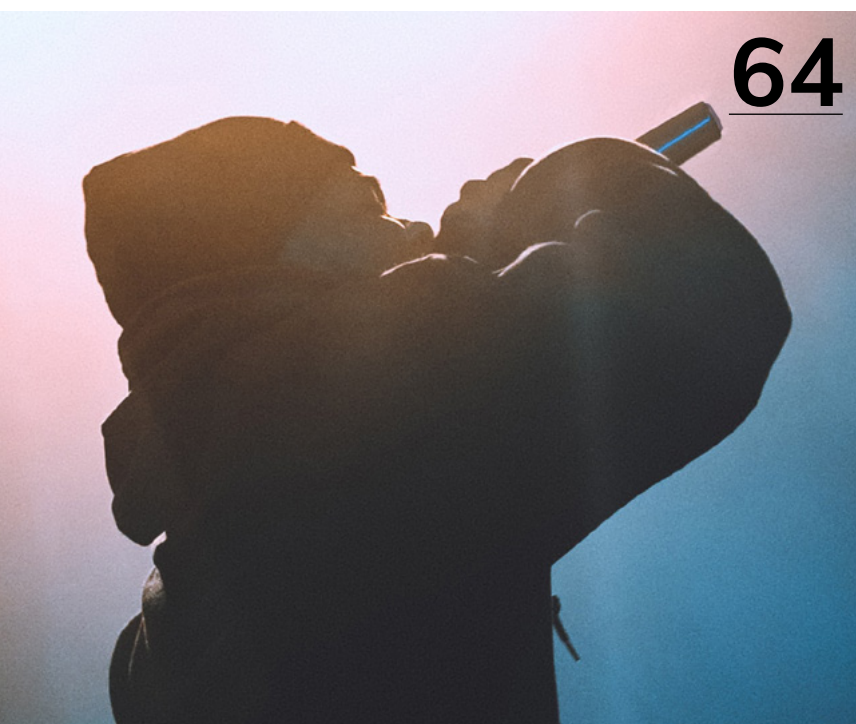
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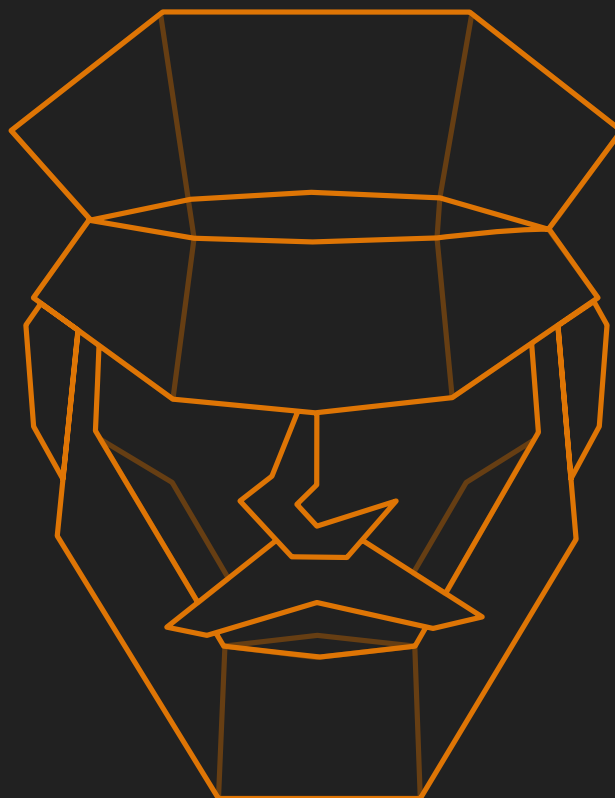


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NEW

EUROLITE Light Captain

We introduce the app

Controlling light with a tablet is the latest trend. A newly developed app for lighting control is now available from EUROLITE: The app goes by the name of Light Captain and is aimed at both beginners who are taking their first DMX steps as well as demanding and experienced users.





Light Captain is at first glance very clearly and logically structured, so that even the inexperienced user can quickly find his way around. Nevertheless, the app offers many solutions that also make work easier for the professional, enabling more complex lighting situations.

The app is suitable for all types of spotlights. Whether simple white light spotlights, colorful LED spotlights, compact lighting systems of all kinds, lighting effects, or moving lights; all this can be controlled easily and clearly with Light Captain. Even the somewhat fancy DMX protocols of show lasers or multi-effects can be mapped. The app's field of application is correspondingly wide-ranging.

The DMX signal is transmitted wirelessly to the already known freeDMX AP interface. So if you have worked with the Light'J app so far and want to switch, you can easily do so with your existing interface. Light'J will not be replaced by Light Captain, both apps will continue to exist side by side.

EURROLITE freeDMX AP Wifi Interface



Structure and functions

In the app, there are different areas where light can be controlled. The first area will be most comfortable for those who want to use different lighting scenes and running lights for parties or concerts. The chaser lights can be controlled here either by setting the speed or by music control. There is also the option of password-protecting programs or shows, so operators can call up and set different lighting moods and sequences, but not change them. This mode is also suitable for installations, for example in clubs, where the light is pre-programmed and then should be operated easily and without sources of error by different people.

The app is suitable for all types of spotlights. Whether simple white light devices, colorful LED devices, compact lighting systems of all kinds, lighting effects, or moving lights. Even the somewhat fancy DMX protocols of show lasers or multi-effects can be mapped.

Theaters and technicians of larger shows will also like the Light Captain as there's a second area to create and edit scenes. A scene consists of different cues, i.e. individual lighting scenes, which can be switched on with a "Go" button. Fade-in and fade-out times can be programmed between the individual cues.

Up to two scenes can be active at the same time, and each can be adjusted in its overall brightness. In addition, there are three free faders to which moods can be assigned, such as for controlling hall lights, front lights, or fog.

Also in the programming of the light, care was taken not to



overwhelm beginners but also to provide professionals with the necessary tools. This already starts with the creation of the spotlights: A large and constantly growing library offers many already created fixtures from EUROLITE and Futurelight. But also the creation of spotlights of any brand and the exchange with other users is simple: You only have to assign the DMX channels of the device to the corresponding functions. For professional requirements, however, values can be restricted or default values can be assigned and the individual positions of the color and gobo wheels can be defined. Lamp "on/off" commands for discharge lamps are also easy to assign.

For color control, EUROLITE has built on the proven concept of the Color Chief: With the Light Captain, too, each fixture can be color-controlled in four segments out of the box. No matter whether it is a KLS system, an LED bar with 4 segments, or, for example, a wash light with four rings.

A large and constantly growing library offers many already created fixtures from EUROLITE. But also the creation of spotlights of any make and the exchange with other users is simple.

What is new is that the Light Captain can now clearly display color mixes with up to 8 basic colors. For color effects, there is a separate effect section with 6 pre-programmed effects that can also be modified.

A 16-bit-capable controller is provided for moving lights. In addition to positioning control, there is an effects unit that can be used to create motion effects quickly and effectively. Furthermore, gobos, prisms, zoom, and focus can be adjusted on the operating level. If no suitable controller can be found for a function, there are 8 free patch controllers. These can be freely assigned, whereby you can individually determine whether they should be dependent on the master dimmer or not. Even complex multi-effects or show lasers can be sensibly created here.



Chases

Chases and flash cues allow a fast and effective light control, of course also sound controlled. Chases can be set to run simultaneously, consecutively, or individually.



Theater

The theater mode allows crossfades with fade in and fade out time. Two scenes can run simultaneously and their brightness can be adjusted individually. Three moods allow simultaneous recall of independent functions such as room lighting, fog, or any other lighting tasks.





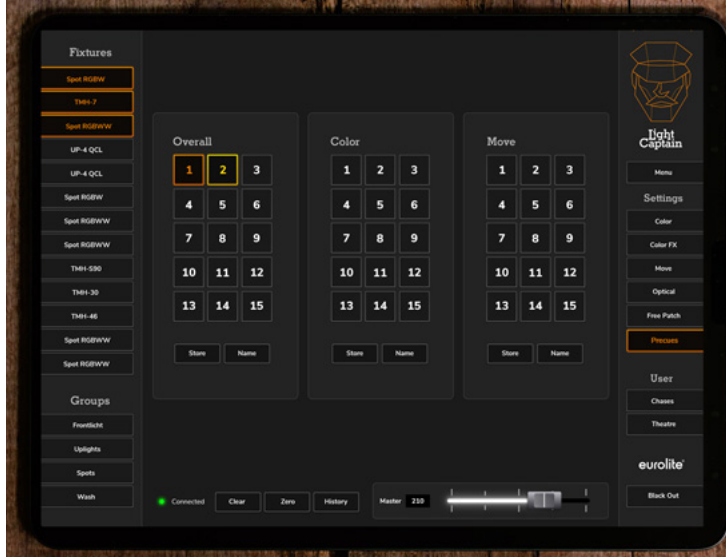
Move

In the Move section, spotlights can be controlled with 8-bit or 16-bit movement resolution and movement effects can also be created quickly and efficiently.

The “Precues” can also be very helpful. These are memory locations where frequently used settings can be parked and recalled again and again. There are 15 general memory slots, 15 color memory slots that only store color values, and 15 move memory slots that only store position values.

Conclusion

Light Captain is a modern lighting controller in app form that offers simplest operation, yet allows for complex, professional lighting programming. Depending on your requirements, you can start with a free (trial) version and then upgrade it to a professional level with the help of affordable in-app purchases. The largest expansion level and the required interface together cost less than 250 Euros. Explicit price-performance recommendation!



Precues

Precues make programming much easier, as you can store frequently used color settings, movement positions, or general moods here so that you can use them again and again in programming.

Facts

- Simplest handling for complex and professional light programming
- Each fixture can be color controlled in four segments
- Color mixes with up to 8 basic colors displayed
- Separate effect section for color effects with 6 pre-programmed effects, which can also be modified
- 16-bit-capable control for the movement of moving lights
- Effects unit that can be used to create motion effects quickly and effectively
- Gobos, prisms, zoom, and focus can be adjusted on the control level
- 8 freely assignable Freepatch controls
- “Precues” for frequently used settings (15 general memory slots, 15 color memory slots and 15 movement memory slots)



Antari
FOG MACHINE

*Strolling ...
with boundless snowflakes around*



SNOW MACHINE
S-600 



FOLLOW ANTARI



Antari 

SPOILT FOR CHOICE:

Finding the right lighting console

If you wanted to buy a lighting console 20 years ago, it was easy: There were consoles for moving lights and consoles for classic spotlights. You had to know how many spotlights you wanted to control, and there were only a few consoles on the shortlist. Since then, the market has changed quite a bit. The spotlights can do more and more, are becoming increasingly complex, and there are also quite a few spotlight types on the market that didn't even exist a few years ago. If you want a lighting control system that can control all spotlights well, you usually have to dig deep into your pocket and also bring

along a lot of time and technical understanding to be able to operate this console. In the amateur and semi-professional sector, on the other hand, there are now an incredible number of different control systems that are specialized. They are not as complicated to operate as the large consoles, but are only really suitable for certain types of spotlights. But which console is ideal for which application? We shed some light on the whole thing for you:



EUROLITE FD-6+1 & FD-32+1

These two very simple DMX consoles are intended for the pure adjustment of DMX values. So you can set 6 or 32 DMX channels directly with the faders and decrease all channels proportionally with the master fader. Ideal for trade shows, for test purposes, or installations with few spotlights and few light changes. Chases or programs can not be created or saved with these consoles.



EUROLITE LED Easy Operator 4x4 & 4x6

These two small controllers are ideal for small party applications where only simple LED spotlights are used. Both can control 4 spotlights each: The 4x4 supports RGB and RGBW color mixing, the 4x6 can also control RGBWA and RGBWA&UV spotlights. Colors can be set individually for each spotlight. Additionally, color change programs can be recalled manually or music-controlled. However, own programs cannot be created.



EUROLITE LED Easy Operator Deluxe

The Easy Operator Deluxe can control 4 spotlights individually as well. 9 different color mixes from RGB to RGBWA&UV are supported. In addition, you can use this console for KLS systems that consist of only four colored spots. There are several pre-programmed programs, but you can furthermore create your own moods and simple chases.

EUROLITE Easy Show

The Easy Show from EUROLITE is a very special DMX controller: You can neither install spotlights yourself nor program your own lighting scenes; but the console is already pre-programmed for over 200 different EUROLITE spotlights. These devices just have to be connected and the starting address described in the manual has to be set. Immediately you can call up 12 color moods and 24 show programs, adjust them in brightness and speed and create a stroboscope effect. In addition, the Easy Show has a second function: It is also a DMX recorder. So you can create various moods and shows with the help of another DMX console, then save and play them back on the Easy Show. This is very interesting for example for clubs, the gastro area, or fixed installations. The control or the playback of shows is then simple and can be easily done next to the music or cocktail mixing.



EUROLITE LED Color Chief

The Color Chief was born out of the idea of developing a special controller for KLS systems. But since a classic KLS system is not so different from normal spotlights and the KLS systems have several other integrated lighting effects, it became a controller that can do much more: The Color Chief can control 8 fixtures with 4 segments each. These can be 8 KLS systems with 4 spots each, but also 32 individual spotlights. Each device can have a color mix with up to 6 colors. Since the Color Chief also has a controller for a color wheel and free control channels, small lighting effects, and other simple spotlights can also be controlled well. On the website of the manufacturer EUROLITE, you can meanwhile find the suitable library data for hundreds of devices, with which you can then install these items quite simply in the Color Chief. The operation and also the programming of the Color Chief are very simple. It is the ideal entry into the world of programmed light shows and surprises with some professional functions. All this makes it one of the best-selling light controllers in Europe.



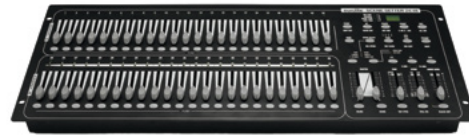
EUROLITE DMX Operator 192 / 1610 / 240 / Scan Control 192

These types of controllers have a great advantage: they offer a lot of DMX control channels. However, they are not very specialized and do not have extra functions for specific spotlights. In practice, this means that they are not very clearly arranged and some tasks can only be solved in a very complicated way or not at all. For simple parties or stages with few devices, these consoles are sufficient, but for more complex tasks they are not recommended.



EUROLITE DMX Move/Move Pro

The DMX Move Controller 512 is the logical further development of the DMX Operator mentioned on the left. With this console you can now patch devices, i.e. assign the functions of the devices to the faders, so that the same functions are always on the same faders. This creates clarity. In addition, this controller also offers moving and color effects. So you can automate the movement of a moving head and don't have to program each movement step by hand. This is an enormous relief, which also leads to more creative results. The Pro version has another decisive advantage: It has motorized faders. So the sliders always move to the previously saved setting when changing fixtures or pages. In addition, the Pro version can control more fixtures with more DMX channels and has a master dimmer.



EUROLITE Scene Setter/Scene Setter 24/48

The Scene Setter and its big brother Scene Setter 24/48 are the oldest DMX controllers in the current program of EUROLITE. They date back to a time when 24 and 48 DMX channels, respectively, could handle most shows without any problems. Today, this is no longer sufficient for most tasks. Nevertheless, these consoles still have their justification, because with them you can set several moods separately in the desired brightness or fade them into each other. This option is especially important for theatrical performances. Today, if a small theater or school wants to work with a few colored LED spotlights in groups and some white spotlights, these consoles are still the first choice. In addition, here you have a separate controller for each DMX channel, so you can still actively intervene during the show.



EUROLITE Bigfoot

The Bigfoot is based on the DMX Move controller. So it can control multiple spotlights, including moving lights, and features color and motion effects. You can create lighting scenes and shows very clearly and easily. But the special thing about this console is that you can then operate it completely with your feet during the show. Calling up moods, setting brightness levels, speeds, and fades - this is all done with the pedals and footswitches of the controller. The hands can operate an instrument, the DJ mixer, or even the magic utensils while the feet control a rather complex light show.



EUROLITE DMX Commander 24/48

The DMX Commander 24/48 is a further development of the Scene Setter. With it, 48 DMX channels were accommodated on 19" width. In addition, the faders of the individual channels and the shows have been separated, so that you can operate both at the same time even better.

Lighting control via software



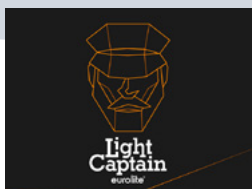
Light'J LIGHT'J

Light'J is an app for tablets with Android and IOS. It is aimed at beginners who want to control light for their party in a simple way. It works with normal spotlights, lighting effects, and moving lights. The user interfaces are very clear and graphically appealing, so even inexperienced users can quickly find their way around. To use the app, you need a tablet, Wi-Fi, and the freeDMX interface from EUROLITE.

PC Control 512 / Pro Control 1024 / SAP

Controlling light with a PC is very modern. With PC Control 512 and Pro Control 1024, you get very powerful software for controlling light. Exactly here are the advantages and at the same time the disadvantages of PC controls: They usually offer a wide range of functions. So you have many possibilities to program light. In addition, these programs are also very versatile in terms of compatible devices. The disadvantage is that these controls are usually also very complex. They also lack the haptic faders and buttons that make up the feel of normal consoles. As a user, you have to weigh these pros and cons for yourself. Interesting versions are the SAP 512 and SAP 1024, which are based on the PC Control 512 software, but the interface also serves as a DMX recorder. So you can create moods and shows with the PC and then save them on the little box. With the push of a button, but also automated with calendar control or controlled via other triggers, the programs can then be called up.

Light Captain



The Light Captain is brand new and also an app. It is also aimed at beginners, but experienced lighting technicians will also enjoy it. In the development of the app, experience with many other consoles was drawn upon and care was taken to make professional functions as easy and understandable to use as possible. Elements of the Color Chief, Move consoles, theater consoles, and professional show consoles can be found here. Nevertheless, even beginners can start with the basic version on a very simple level and then expand the lighting control step by step with inexpensive in-app purchases. Different operating concepts for party/concert, show/theater, and gastro/club operation ensure that it is equally well suited for all areas.

Madrix



A very special control solution is Madrix. This software, for which there are an incredible number of accessories, is the perfect solution when it comes to controlling many individual pixels. Pixels can be individual spotlights, individual LEDs within a spotlight, points of an LED video wall, or other individual light points. Madrix can therefore “only” control simple spotlights or light points with color mixing - but without any restrictions. Thus, the control of very complex animations, even in 3D, is also possible with this software. Madrix is used on live stages, in club installations, and the field of architectural lighting.

	White light	Spotlights with color mixture	Compact light systems (KLS)	Simple light effects	Multi/Hybrid effects	Moving lights
FD 6+1 / 32+1	✓	✓	-	✓	-	-
Easy Operator 4x4 / 4x6	-	✓	-	-	-	-
Easy Operator deluxe	-	✓	not all	-	-	-
Easy Show	-	✓	pre-programmed	pre-programmed	pre-programmed	pre-programmed
Color Chief	✓	✓	✓	✓	-	-
DMX Operator 192 / 1610 / 240 / Scan Control 192	✓	✓	✓	✓	✓	✓
DMX Move/Move Pro	✓	✓	✓	✓	✓	✓
Bigfoot	✓	✓	✓	✓	✓	✓
Scene Setter	✓	✓	-	✓	-	-
DMX Commander	✓	✓	-	✓	-	-
Light J	-	✓	✓	✓	-	✓
Light Captain	✓	✓	✓	✓	✓	✓
PC Control 512 / Pro Control 1024 / SAP	✓	✓	✓	✓	✓	✓
Madrix	✓	✓	-	-	-	-

Huge installations and three-dimensional animations are also possible.

This list only tells which controller is well suited for which type of spotlight. There may be individual exceptions.

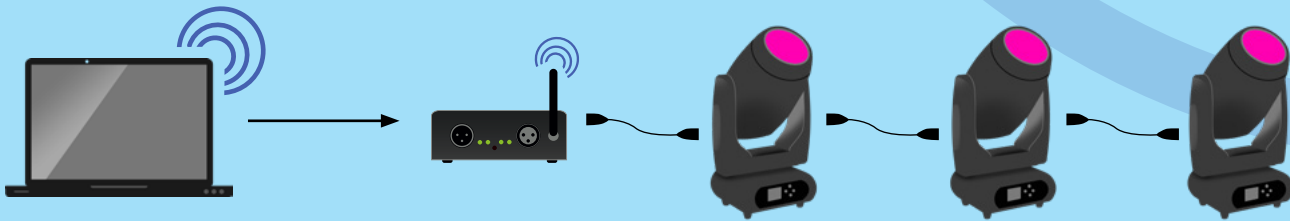


CONTROLLING LIGHT WIRELESSLY: Introducing the freeDMX system from EUROLITE

EUROLITE Set freeDMX AP Wi-Fi Interface + QuickDMX radio transmitter + DMX cable

The **freeDMX AP Wi-Fi Interface** receives signals via Wi-Fi and converts them into a DMX signal. The signals can come from a tablet and be generated for example with the apps Light'J or Light Captain or come from a laptop and be generated with the light control program Freestyler. The

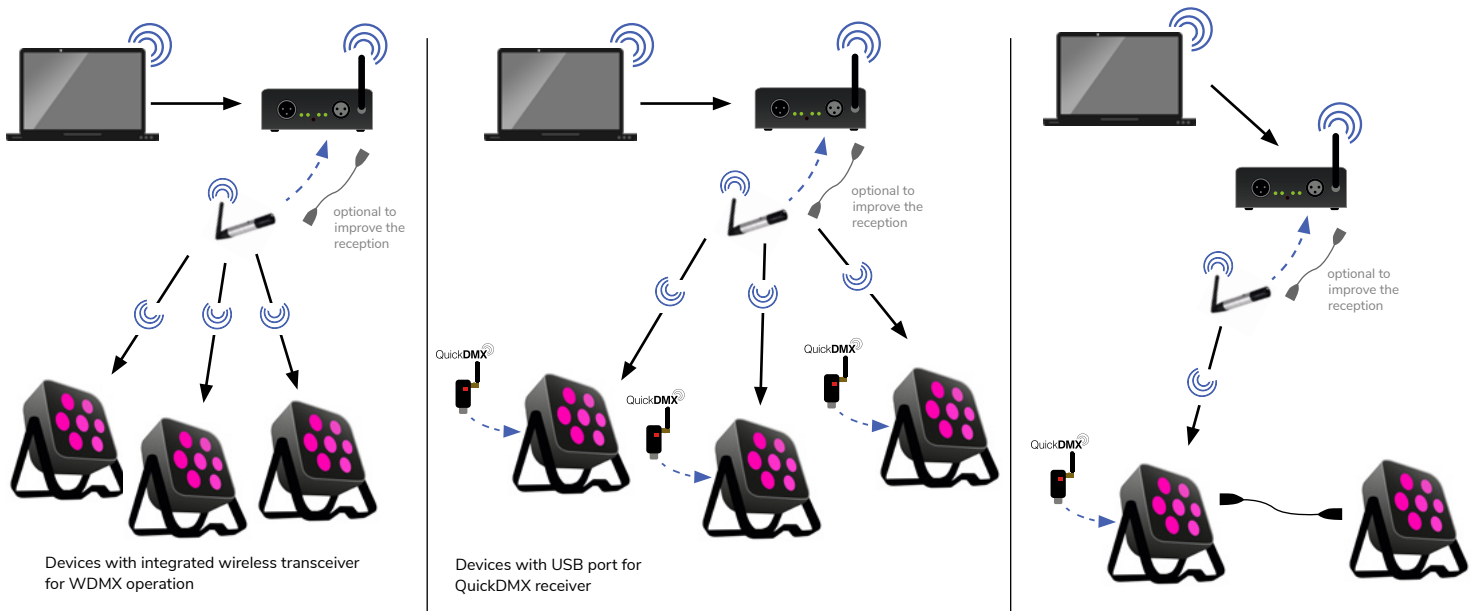
data connection takes place via Wi-Fi, but you don't necessarily need an existing Wi-Fi network: The tablet or laptop can be connected directly to the interface. If you want, you can also integrate everything into a network to be on the Internet and control light at the same time.



Do you want more wireless technology?

No problem: The freeDMX AP interface is designed for connecting spotlights with a DMX cable. Of course, you can also use a wireless DMX transmitter here. With the **set of freeDMX and QuickDMX** radio transmitters, you can easily generate a QuickDMX radio signal and pass it on wirelessly.

But why does the set include a cable? If the radio receiver and transmitter are too close to each other, they sometimes interfere with each other. Therefore, freeDMX and QuickDMX should be placed a little bit apart. Half a meter of cable can be a problem solver here.



Devices with integrated wireless transceiver for WDMX operation

Devices with USB port for QuickDMX receiver



Light'J or Light Captain can also run on the laptop: With the Android emulator "Blue Stacks", the apps can be emulated on a normal PC. In our tests, this combination ran excellently.

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Tipps, Trends, News und Videos



← BACK TO THE FUTURE →

EUROLITE SCY-500



Fancy a little trip back in time? Let's climb into our DeLorean DMC-12 and travel together to the year 1990: Concert stages of that time were illuminated by parcans, with 300, 500, or 1000 watt lamps and with narrow, medium, or wide diffusing front glass. Even very narrow beams were usually produced by parcans, but with a special 28-volt bulb called an ACL, which required complex wiring. And there was a fan effect with an 800-watt halogen lamp that produces fan-shaped bright tunnel-like beams of light. Nothing more, nothing less. This effect is extremely popular on small and medium stages and in clubs. Back to the future: at EUROLITE, the above-mentioned effect used to be called "Rainbow Tunnel", although it could only shine white light, and was sold until 1991. The bulb for it had a power of 800 watts, carried the name Roundlux and had a special, horse-shoe-shape.



But now, in 2022, the effect is coming back: With the EUROLITE LED SCY-500, it has landed in the present. Of course, equipped with the latest LED technology. Despite the manageable dimensions, it should not be underestimated:

It is an excellent lighting design tool for larger clubs or stages of any size. With minimal effort, it creates beautiful, light-filled fans of beams.

The retro effect is available in two versions: The SCY-500 CW is equipped with five very efficient 15-watt cold white LEDs and creates a wide fan of five very narrow, assertive beams. Each beam is individually controllable, so that very

nice chase effects can also be generated. The second version is the SCY-500 QCL. This version is also equipped with five extremely efficient 15-watt LEDs, but this time with a color mix based on red, green, blue, and white. Here, too, each LED can be controlled individually.



EUROLITE LED SCY-500 CW Beam Effect

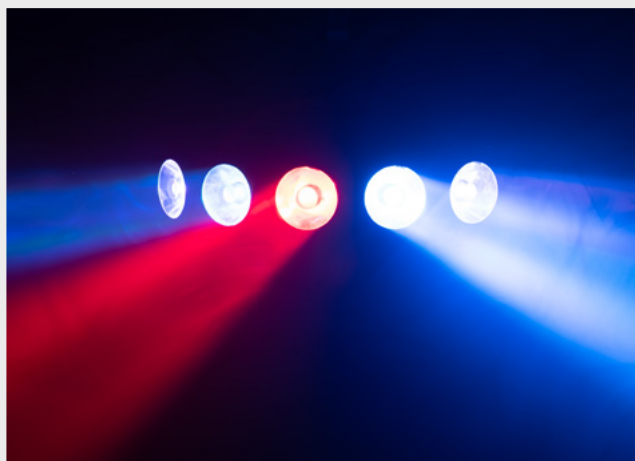
LED effect light with cold white COB LEDs and stroboscope

- CW
- 4° Beam
- 90° multi beam effect
- DMX
- QuickDMX[®] USB
- REMOTE CONTROL
- MASTER SLAVE
- STROBOSCOPE
- STAND ALONE
- POWER



EUROLITE LED SCY-500 QCL Beam Effect

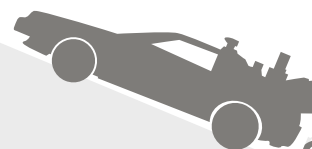
LED effect light with RGBW-LEDs, dynamic color effects and stroboscope



Both spotlights are completely static. On the one hand, this has the advantage that there are no sensitive mechanics. The devices are therefore very quiet and can also be controlled with simple controllers. The spotlights should additionally be very interesting for lovers of matrix effects: Because they can be controlled excellently with MADRIX or other pixel controllers and thus integrated into complex shows. The spotlights can also be quickly connected to a wireless QuickDMX or WDMX control system via the inte-

grated USB interface. Power is supplied via P-Con connectors; up to 8 spots can be operated in series via the P-Con output. Thanks to its robust design, the modern effect is also prepared for somewhat rougher handling. So nothing stands in the way of the retro feeling on stages and in clubs.

LET'S GO TO
1990, MARTY!



Lukas Gossens and Andreas Plesney from PG Eventtechnik



DAY OF CHILDREN'S HOSPICE WORK // FRANKFURT

For the "Day of Children's Hospice Work" on February 10, 2022, the company PG Eventtechnik from Aschaffenburg illuminated the Paulskirche in Frankfurt in radiant green. In addition to 16 FUTURELIGHT EYE-7i moving heads, 40 outdoor spots from EUROLITE and over 600 meters of cable were used. However, the effort was worth it: The campaign was reported all over Germany.



**FUTURELIGHT EYE-7 HCL Zoom LED
Moving Head Wash**

PRO washlight with 6in1 COB LEDs and motorized zoom





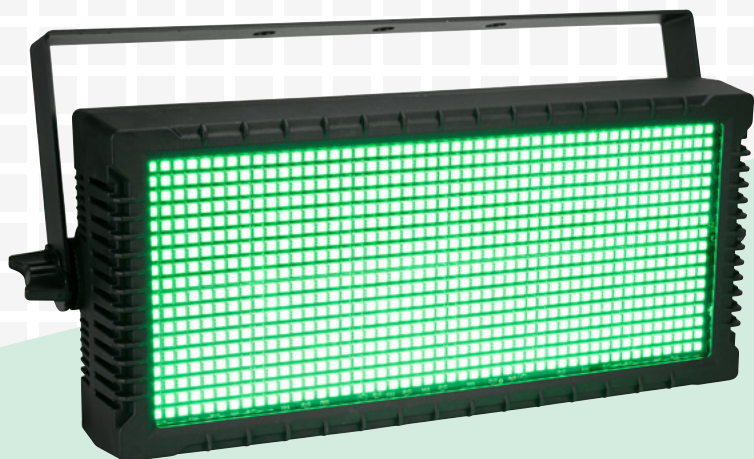
EUROLITE Multiflood Pro IP SMD RGBW Strobe/Wash
Weather-proof (IP65) 3in1 LED effect light with RGBW color mixing



EUROLITE LED IP PAR 7x9W SCL spot
Weather-proof (IP65) spotlight with 7 x 7in1 LED and RGBA/CW/WW+UV color mixing

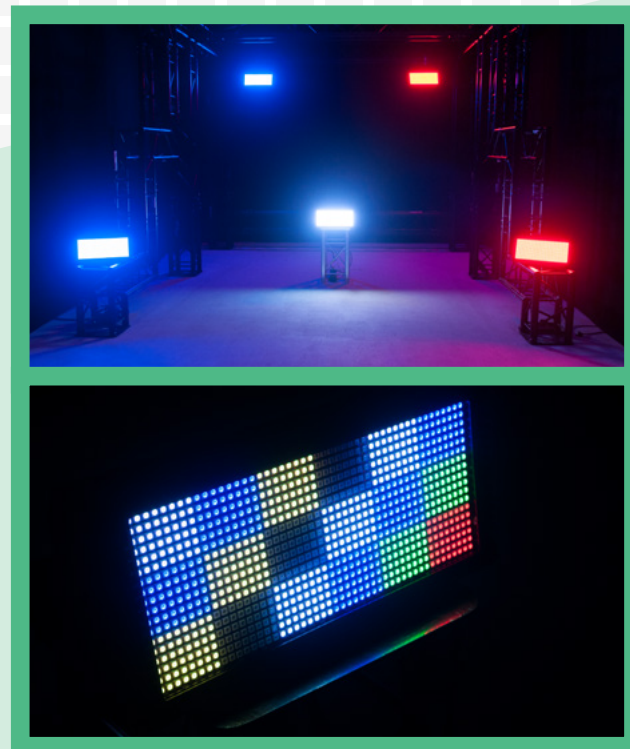
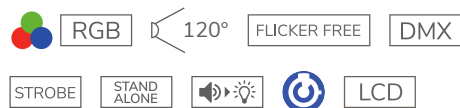
3in1: STROBE, FLOODLIGHT, BLINDER

EUROLITE LED Strobe SMD Pro 864 DMX RGB



EUROLITE LED Strobe SMD PRO 864 DMX RGB

3in1 LED effect light with RGB color mixing



The new EUROLITE Strobe Pro 864 is not only a very bright strobe: the device is capable of continuous light and can therefore also be used as a blinder or floodlight. It gets its light power from 864 SMD-5050 LEDs, which provide a potent light output and a particularly wide beam angle of 120 degrees. The color mixing is based on red, green and blue, from which countless other colors can be mixed. Even an aggressive cold white for stroboscopic tasks or a warm white for blinding effects are no problem.

Depending on the task, there are different DMX modes. In the smallest mode with 5 channels, the three colors can be controlled, the total brightness can be adjusted and the music mode as well as a simple strobe function can be activated. This mode is ideal when the spotlight is to be used as a blinder or floodlight. In the larger 9-channel mode, you

have access to various strobe effects, can set not only the frequency but also the duration of each flash and call up various color programs. Ideal, therefore, for stroboscope use, but also for use as an all-round spotlight. Another special feature comes to full effect in the largest DMX mode: In this mode, 18 pixels can be controlled individually by means of 54 DMX channels. The device is therefore also ideal for matrix tasks.

During development, EUROLITE paid attention to creating a reliable spotlight that meets professional requirements, but does not deeply impact the wallet. The housing is simple in design, but high quality in workmanship and very robust. The brackets are stable and hold well in the set position. The power is fed in via a P-Con connector; up to 6 devices may be operated in series via the P-Con outputs.

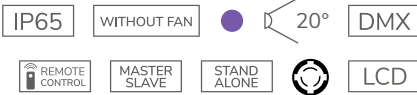
UV spot with good wave length

EUROLITE LED IP PAR 9 UV Spot



EUROLITE LED IP PAR 9 UV Spot

Weatherproof (IP65) PRO UV spotlight with 9 UV LEDs (365nm), incl. IR remote control



Not all UV is the same: The light frequency of most LED UV lamps is between 385 and 405 nanometers. This is sufficient to produce the black light effect; but the spotlights also produce a relatively large amount of visible light in addition. With the new IP Par 9 UV from EUROLITE, there is now a UV LED spotlight that produces black light with a frequency of 365 nanometers and therefore generates virtually no visible light. A total of 9 high-power LEDs are used, which produce a very intense UV effect. The high-quality UV LEDs used have been installed in a highly professional environment: For example, the housing is weatherproof, which not only allows outdoor use, but also prevents dust from entering.



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TMH

NEW KIDS ON THE BLOCK:

NEW HEADS IN THE TMH SERIES BY EUROLITE

The TMH series from EUROLITE has existed for many years and has grown considerably in the meantime. The two latest additions we present to you here: A real all-rounder and an unusual washlight.

TMH BSW-380 Moving-Head Beam/Spot/Wash



The first newcomer is called BSW-380. The BSW in the name stands for Beam, Spot and Washlight, a true all-rounder. The -380 indicates the power class; an extremely bright Osram Sirius 371-watt discharge lamp is installed. Also in terms of equipment, this all-around moving head has been designed with the utmost care. For example, 3 gobo wheels have been installed. The first gobo wheel offers 11 static gobos, the second 7 rotating gobos, and the third 4 static gobos and an area that enables animations. The latter creates movement in the projection, which alone, but also in combination with the other gobos, provides for eye-catching effects. For example, in combination with the textured glass rotating gobo and a prism, a sensational water effect can be generated. But also a kind of fire effect and many other moving images can be realized. The TMH BSW-380 has 2 rotating prisms. The first prism splits the image into 8 images, the second into 16. In addition,



the moving head offers a motorized zoom that ranges from 4° to 35°. In beam mode, it achieves a hard, concentrated beam with a deliberate hot-spot. For further shaping of the light beam, the static gobo wheel is available, for dynamics one can use the rotating prisms. As soon as the second or third gobo wheel is used, the spotlight automatically switches to spot mode. In this mode, the images are then absolutely even and clean, ideal for projections. All three gobo wheels can be combined here. The motorized focus ensures the necessary sharpness in all areas. With the frost filter, the BSW-380 becomes a wash light. Even in this mode, the light output remains surprisingly bright. Even with the frost filter, the image can be resized via the zoom function and colored via the color wheel. A total of 13 colors are available, all of which can be set in intermediate positions.

Conclusion: The TMH BSW-380 is a great and bright all-rounder. Beautiful beam effects in fog are just as easy for it as image projections - and it also cuts a fine figure as a wash light. The ideal device for medium and larger sized clubs, concerts and shows.

Technical specifications

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	490 W
IP classification:	IP20
Protection class:	Class I
Power connection:	Mains input P-Con (blue), mounting version power supply cord with safety plug (provided)
Power output:	P-Con (gray), mounting version
Lamp type:	Discharge lamp
Max. TILT movement:	Exact positioning (16 bit resolution) 230° Auto position correction (feedback)
Max. PAN movement:	Exact positioning (16 bit resolution) 540° Auto position correction (feedback)
Flash rate:	1 - 18 Hz
Equipment:	Prism rotating; Gobo wheel with rotating gobos;
Color generation:	Color wheel 13 dichroitic colors and open
Gobos:	3 gobo wheel with 7 rotating, 16 static gobos animated effect
DMX channels:	22; 26
DMX input:	3-pin XLR (M) Mounting version
DMX output:	3-pin XLR (W) Mounting version
Cooling:	Cooling fan
Control:	Stand-alone; DMX; Sound to light via Microphone; Master/slave function; QuickDMX via USB (optional)
Beam angle:	4°
Beam angle (1/2 Peak):	4 - 35°
Housing color:	Black
Use of brands:	With OSRAM bulb included
Dimensions (WxHxD):	39.5 cm x 63.0 cm 30.5 cm
Weight	21.75 kg



LED TMH-W400

Moving-Head Wash Zoom

When you think of LED wash lights, you think of large illuminated areas with many LEDs. The new EUROLITE LED TMH-W400 is a moving head wash light, but its design is different than you would expect: Its head is not dominated by a multitude of LEDs, but by an elongated tube. This tube and a lens built into it together create a homogeneous, large light area. Inside the tube, state-of-the-art LED technology is used; a 400-watt LED COB module provides a very decent light output. The color mixture of the wash light is based on red, green, blue, and white. A special feature here is the white: It is not cold white as usual, but warm white, and its color rendering index, i.e. the quality of the light, is an extremely good value of over 90. This also makes the spotlight an excellent choice as a front light on concert stages. The lens in the spotlight is motorized and the beam angle can therefore range from 9° to 48°. The power connection is realized via P-Con in and outputs. In addition to the normal DMX connections, a USB socket is also installed, with which the device can be equipped for wireless DMX operation in a flash. A comfortable display and 5 buttons allow a quick and easy adjustment of the menu functions. Like all modern moving heads from EUROLITE, the spotlight is mounted via Omega brackets with quick-release fasteners.

Technical specifications

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	360 W
Power connection:	Mains input P-Con (blue), mounting version power supply cord with safety plug (provided)
Power output:	P-Con (gray), mounting version
Fuse:	5 x 20 mm, T 5 A Fuse replaceable
Lamp type:	LED lamp
LED:	1 x COB (chip-on-board) 400 W 4in1 QCL RGB/WW (homogenous color mix)
Max. TILT movement:	Exact positioning (16 bit resolution) 230° Auto position correction (feedback)
Max. PAN movement:	Exact positioning (16 bit resolution) 540° Auto position correction (feedback)
Flash rate:	1 - 25 Hz
Equipment:	Zoom motor-driven
DMX channels:	13
DMX input:	3-pin XLR (M) mounting version
DMX output:	3-pin XLR (W) mounting version
Cooling:	Cooling fan
Control:	Stand-alone; DMX; Sound to light via Microphone; Master/slave function; QuickDMX via USB (optional)
Color rendering index (CRI) more than:	90 Ra
Beam angle:	9 - 48°
Beam angle (1/2 Peak):	9 - 25°
Beam angle (1/10 Peak):	16 - 48°
Dimensions (WxHxD):	30.0 cm x 45.0 cm x 23.0 cm
Weight	10 kg



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NOW ALSO AVAILABLE IN WHITE

EUROLITE's TMH-H90 is a spotlight and wash light in one. On the inside it is a full-fledged spotlight with plenty of features, around its lens there are an additional 6 powerful 10-watt LEDs with 6-color mixing. The result is a perfect combination of soft colored light with a sharply focused beam shining in the middle. With white housing, the hybrid moving head is particularly suitable for weddings, elegant galas and white fixed installations.



eurolite®
LED TMH-H90 Hybrid
Moving-Head Spot/Wash COB

LESS IS MORE

The new **FUTURELIGHT DMB-100** will replace the DMB-160. This may seem surprising at first glance, since the DMB-160 has a LED type that is 50 watts more powerful. But this shows once again that the wattage of the LED says nothing about its brightness: The DMB-100 is in no way inferior to the DMB-160 in terms of brightness. It achieves this through a **very effective LED, high-quality optics, and a narrower beam angle**. The spotlight comes in a **new, modern housing design**. As usual from FUTURELIGHT, the workmanship inside and outside is high-quality. In operation, the moving head is **extremely quiet**. Inside, it comes with a **gobo wheel with 17 static gobos** as well as a **color wheel with 14 colors**. The beam can be split via a **6-fold linear prism** and an **8-fold circular prism**. Both prisms can rotate. The image sharpness is controlled via a **motorized focus**, and there is also a **frost filter for soft projections**. Altogether, the DMB-100 is a high-quality moving head beam. It shows its strengths in mobile applications and fixed installations where a bright LED beam for professional demands is required.





WINTERLEUCHTEN // BAD HONNEF

From November 11, 2021 to March 01, 2022, the so-called "Winterleuchten" took place in Bad Honnef (North Rhine-Westphalia).

As part of this event, the company Quint.Events illuminated various buildings in the city center and skillfully highlighted the structures. Among other things, outdoor spots from EUROLITE were used here, which bathed the streets and facades in colorful light.



EUROLITE LED IP FL-30 SMD orange

Flat outdoor floodlight (IP65) with colored LEDs



EUROLITE LED IP FL-30 SMD turquoise

Flat outdoor floodlight (IP65) with colored LEDs

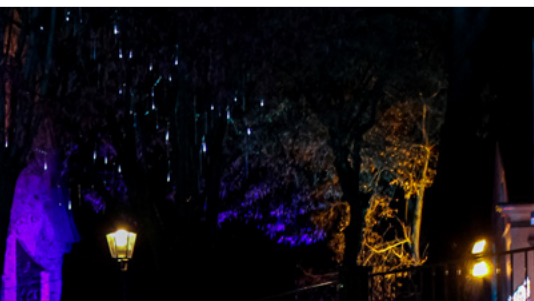




EUROLITE LED IP T-Bar 8 QCL Bar

Weatherproof (IP65) bar with RGBW color mixing, incl. IR remote control

New: With the IP T-Bar 8, QCL EUROLITE launches another Outdoor Bar of the popular IP T-Series. The T-Bar 8 is a smaller version of the already known T-Bar 16. It is also equipped with very powerful 8-Watt RGBW LEDs: Eight of them are distributed on the bar, which is only about 60 centimeters long. As with all spotlights in the series, professional connections are provided with T-Con power connectors and 3-pin DMX connectors. The IP65 classification protects the bar even against strong jets of water.



EUROLITE Multiflood Pro IP RGBW Wash MK2

Bright outdoor spot with RGBW LEDs and W-DMX



EUROLITE PLL Series

Surface lights are currently extremely popular. Whether for video streams, photo sessions, theater productions, trade fairs, or even shows, the spotlights are extremely versatile with their soft light. The series now comprises 10 units.



QuickDMX

EUROLITE LED PLL-168 CW/WW Panel

DMX controlled surface light with 84 LEDs each in cold and warm white, QuickDMX port and barn doors



QuickDMX

EUROLITE AKKU PLL-168 CW/WW Panel

Battery operated surface light with 84 LEDs each in cold and warm white, QuickDMX port and barn doors



QuickDMX

EUROLITE LED PLL-384 CW/WW Panel

DMX controlled surface light with 192 LEDs each in cold and warm white, QuickDMX port, diffuser and barn doors

All PLL spotlights operate quietly. They have a very wide beam angle of 120 degrees and produce a very soft light. All variants, with the exception of the four-color QCL variant, have a color rendering index (CRI) of over 90, so they all produce light that meets even the most professional demands. The housings have a high-quality finish and barn doors. The new versions also have rotary dials to conveniently adjust the light without DMX control, as well as a USB socket for a receiver of wireless DMX.





EUROLITE LED PLL-480 CW/WW Panel
DMX controlled surface light with 240 cold white and 240 warm white LEDs



EUROLITE LED PLL-480 QCL Panel
DMX controlled surface light with 480 4in1 RGBW LEDs



EUROLITE LED PLL-432 CW/WW Panel
DMX controlled surface light with 432 LEDs each in cold and warm white, QuickDMX port and barn doors

QuickDMX



QuickDMX
EUROLITE LED PLL-704 6000K Panel
DMX controlled surface light with 704 LEDs at 6000K, QuickDMX port and barn doors



EUROLITE LED PLL-360 6000K Panel
Surface light with 360 cold white LEDs and DMX



QuickDMX
EUROLITE LED PLL-704 3200K Panel
DMX controlled surface light with 704 LEDs at 3200K, QuickDMX port and barn doors



EUROLITE LED PLL-360 3200K Panel
Surface light with 360 warm white LEDs and DMX



Overview of all PLL models from EUROLITE:

Name	Colors	Dimensions	Weight
PLL 168 CW/WW	Cold white and warm white	28x11x17cm	1.6 kg
AKKU PLL 168 CW/WW	Cold white and warm white	36x12x17cm	3.5 kg
PLL 360 3200K	Warm white	57x12x31cm	6.1 kg
PLL 360 6000K	Cold white	57x12x31cm	6.1 kg
PLL 384 CW/WW	Cold white and warm white	34x14x21cm	3.5 kg
PLL 432 CW/WW	Cold white and warm white	59x13x17cm	3.5 kg
PLL 480 CW/WW	Cold white and warm white	64x12x33cm	12.5 kg
PLL 480 RGBW	Color mixture	64x13x22cm	12.5 kg
PLL 704 3200K	Warm white	54x14x31cm	7.9 kg
PLL 704 6000K	Cold white	54x14x31cm	7.9 kg

**BRIGHTER,
FARTHER,
QUIETER**



EUROLITE LED THA-100F MK3

Theater spot



CRI>95 ● **WW** **FLICKER FREE** **DMX** 

Quick**DMX**  **USB** **STAND ALONE** **LCD**  **8 - 55°**

EUROLITE LED THA-100F MK3 Theater spot

Fresnel spotlight (fresnel lens), 100 W warm white LED,
CRI >90, quiet, DMX

The THA-100F was one of the first LED-equipped models from EUROLITE with fresnel lenses to be launched in 2013. With the MK3 version, EUROLITE now brings a “modernized” version to the market. Compared to the previous variants, some things have changed: In the first place, the so-called color rendering index. This indicates how naturally the white light reproduces the colors of the illuminated objects and thus says something about the quality of the light. The classic THA-100F had a value of 76 - more was not possible with LEDs at that time. The MK2 version came as an update and achieved an already very good value of 94. The MK3 version now even reaches an excellent value of 96.

Another advancement: The LED used now not only has a better white to offer, but it is also significantly more effective. For example, the brightness has doubled compared to the previous version. The spotlight has additionally been given a slightly larger and more robust housing, the bracket and its screws have become more stable and the spotlight can now also be dimmed via a rotary potentiometer directly on the housing. Due to the extra space gained in this way, the zoom range has also been extended to 8° to 55°. The zoom is adjusted via a large rotary control on the rear of the spotlight, which drives a worm gear.



The larger housing has another decisive advantage: the cooling of the LED is more effective. This has made the spotlight even quieter, so that it can also be used in very noise-sensitive environments. Especially interesting for film and TV productions, is that the frequency of the pulse width modulation can be increased from 1200Hz in several steps up to 25,000Hz. Various dimmer curves and switchable simulations of the dimming behavior of a halogen lamp leave nothing to be desired. Additionally, the connections were generously planned; three-pole and five-pole DMX sockets, as well as P-Con input and output for the current, are installed. And the use of wireless DMX is also quite simple: The spotlight has a USB socket, in which a corresponding receiver can be plugged in either for QuickDMX or Wireless Solution/Lumen Radio systems.



EUROLITE LED PAR-64



**EUROLITE LED IP PAR-64 COB 3000K 100W
Zoom black**

Weatherproof PAR spot, IP65, with warm white 100 W COB LED and motorized zoom

TWO NEW VERSIONS

The EUROLITE Par-64 with COB LED was previously available in two versions: A warm white 100-watt variant and a colorful 120-watt variant with RGBW LED. Both have highly efficient LEDs that provide decent light output and a wide zoom range. This makes them a welcome tool on a wide variety of stages. Now, two additional, complementary versions have been added: Firstly, a warm white variant in a white housing, which is particularly suitable for fixed installations as a high-intensity spotlight with zoom. The second new addition, a weatherproof IP variant, is ideal for outdoor use as a white light for open-air stages. Here, the zoom is motorized instead of manual. All three warm white devices have an excellent CRI value.



EUROLITE LED PAR-64 COB 3000K 100W Zoom white

PAR spot with warm white 100 W COB LED and manual zoom





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**B Ü H N E N
T E C H N I S C H E
R U N D S C H A U**

SPACE BALLS

EUROLITE Space Balls: New models

The popular 3D design tools from EUROLITE, Space Ball 35 and Space Tubes, have successors: With the HST-200 there is a new motor, whose maximum hoist is now full 200 cm instead of 150 cm. The luminous objects are then hung on these motors. The range includes the already familiar Space Ball 35 with a diameter of 35 centimeters, as well as the new Space Ball 20 with a diameter of 20 centimeters and the Space Tube 100, a 1-meter LED tube. The latter has the special feature that it can also be mounted horizontally between two motors. This allows the construction of interesting 3D shapes such as long snakes and triangles. All lighting objects can glow in countless color moods with the help of RGB color mixing.

NOW WITH NEW LENGTH:
200cm

EUROLITE LED Space Ball 20 + HST-200

Modern LED ambient light with DMX control



EUROLITE LED Space Ball 35 MK2 + HST-200

Modern LED ambient light with DMX control



EUROLITE LED Space Tube 100 + HST-200

Modern LED ambient light with DMX control



EVENT Rookie



Abo + Prämie

Beim „Event Rookie“ werden Produktionen jeder Größenordnung in ausführlichen Reportagen behandelt. Bei den Produkttests werden neue Geräte der Veranstaltungstechnik unter die Lupe genommen und die technischen Eigenschaften anschaulich erläutert.



Podcast

Das Team von EVENT Rookie ist ständig auf den unterschiedlichsten Events unterwegs, führt Interviews und trifft viele bekannte Persönlichkeiten aus der Veranstaltungsbranche. In diesem Podcast berichten wir von unseren Erfahrungen und geben euch einige Hintergrundinfos aus der spannenden Welt der Veranstaltungstechnik.



Jetzt anhören



Showlicht



Sofort bestellen

Mit diesem Buch zeigen die Autoren, welche Schritte man von der ersten Idee bis zum fertigen Design durchleben muss.

„Showlicht ist ein tolles Buch, das zeigt, wie man mit Kreativität und Effizienz zu einer guten Show kommt.“ – **Jerry Appelt**



Entdecke jetzt die Medienvielfalt auf www.eventrookie.de

NO HALF PORTION!



EUROLITE LED PIX-144 RGB Bar

Bar (100 cm) with 144 wide beam SMD LEDs (RGB), 8 segments

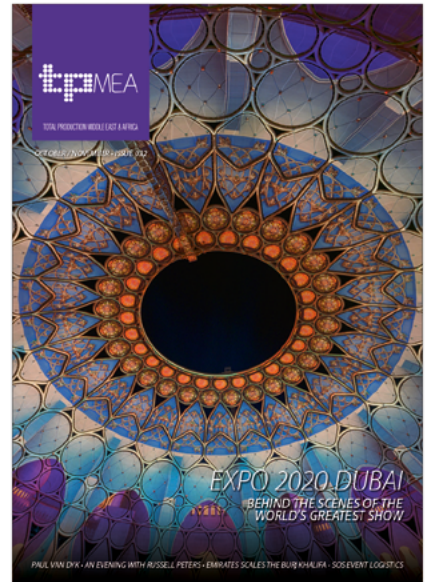
LED PIX-72 RGB BAR FROM EUROLITE



EUROLITE LED PIX-72 RGB Bar

Bar (50 cm) with 72 wide beam SMD LEDs (RGB), 4 segments

With the **PIX-72**, EUROLITE has cut another LED bar in half: The PIX-72 is the half-brother of the PIX-144, so its light surface consists "only" of 72 SMD LEDs that can be controlled in four segments. The extremely broad emitting light of these bars is perfectly suited to illuminate surfaces or to integrate the bar into the stage set in such a way that the audience looks directly at the illuminated surfaces. The color mixture is based on red, green and blue.



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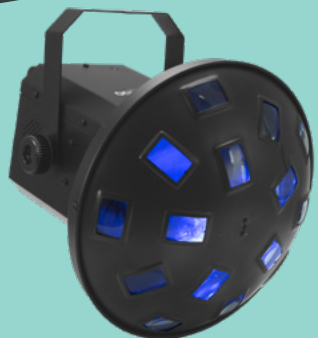




NEW: Now with 8 powerful colors

THERE WAS MORE GLITTER IN THE OLD DAYS?

Even though modern LED technology has brought many advantages, some users mourn the old days. Now and then, for example, one hears that the modern LED Derbies and ZigZags are nowhere near as colorful as they used to be. In those days, many different colored lenses were used, and they were always brightly colored. Today's effects, on the other hand, often have only 3 or 4 colors. Now the new EUROLITE Z-4000 and D-4000 put an end to this.



EUROLITE LED Z-4000 Beam Effect
Extremely bright mushroom effect with 3 W LED in 8 colors, incl. IR remote control

- DMX
- STAND ALONE
- MASTER SLAVE
- 100° (optional) QuickDMX
- USB
- REMOTE CONTROL

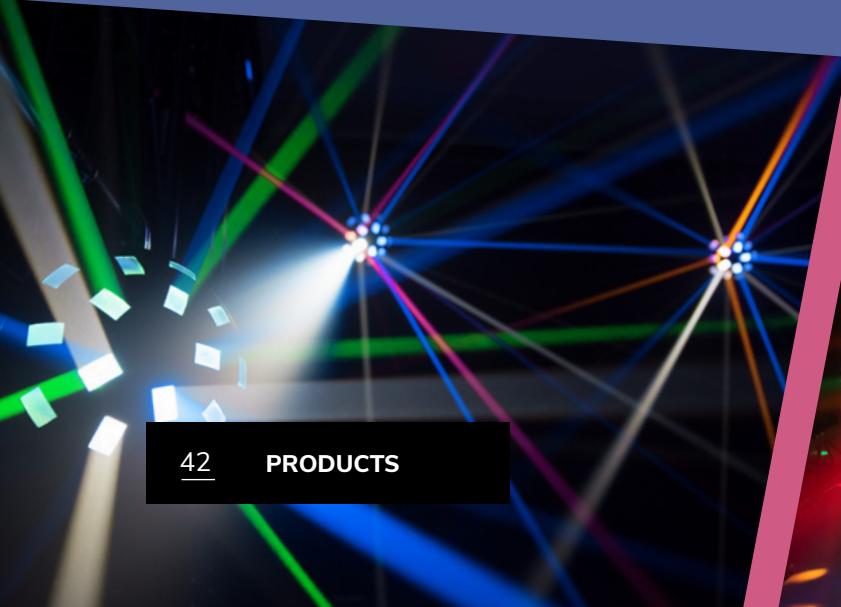


EUROLITE LED D-4000 Beam Effect
Extremely bright derby with 3 W LED in 8 colors, incl. IR remote control

- DMX
- STAND ALONE
- MASTER SLAVE
- 100° (optional) QuickDMX
- USB
- REMOTE CONTROL

Both effects are based on 8 colors, which they can produce simultaneously. So the beams travel through the room in red, green, blue, white, amber, cyan, pink, and yellow. It doesn't get more colorful than that now. But the two mod-

ern effects can also be used discreetly in one or two colors; there are no limits to creativity. And they also generate a decent amount of light: each color is produced by a very effective 3 watt LED.





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- Battery operated fog machine
- 1 second warm up time
- DMX RDM
- Adjustable fog density



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- OLED Display
- DMX/RDM



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NIGHTSPORTS // SPEYER

On more than 1200m², a new indoor fun sports hall with different event modules like soccer darts, pool ball, golf carts, bouncy castles, and laser tag was built in Speyer.

Event Monkey Veranstaltungstechnik from Sandhausen was responsible for the technical planning and installation in cooperation with Event Store Mannheim. For the lighting, ten LED 7C-7 Silent Slim Spots, twelve LED TL-3 RGB+UV Trusslights, six LED Bar-12 QCL RGBA Bars and two LED ML-56 COB UV Spots from EUROLITE were used. The sound reinforcement was realized with eight PAS-208 MK3 in combination with two PAS-181A MK3 and one XPA-3004 power amplifier from OMNITRONIC.



OMNITRONIC PAS-208 MK3 2-Way-Top

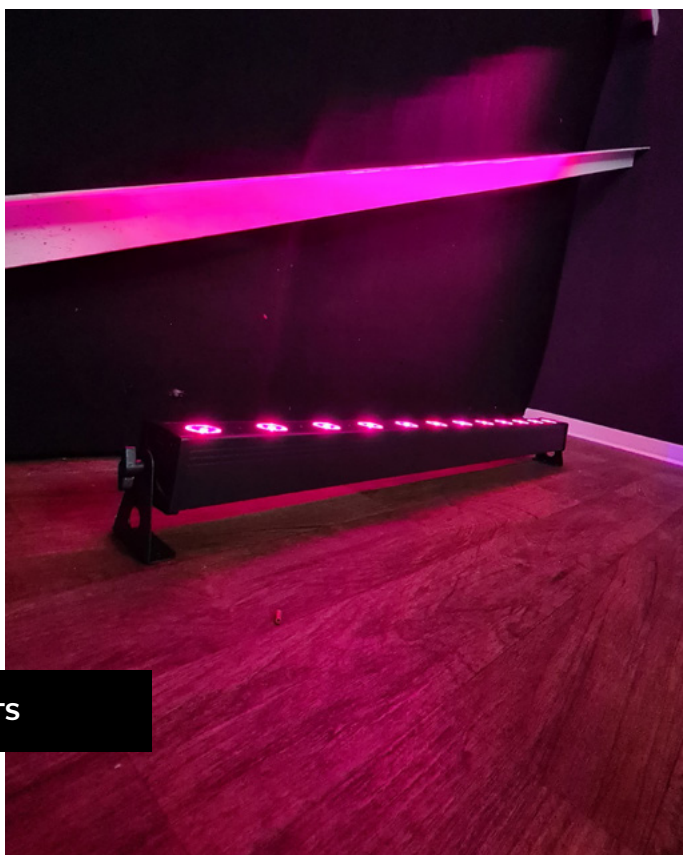
Passive speaker with 8" woofer, 1" driver and 200 W RMS

OMNITRONIC PAS-181A MK3 Subwoofer, active, DSP

Active 18" PA bassreflex subwoofer, 850 W

OMNITRONIC XPA-3004 Amplifier

4-channel PA amplifier with integrated limiter, 4 x 750 W / 4 ohms, 4 x 500 W / 8 ohms





EUROLITE LED ML-56 COB UV 80W Floor black
DMX controlled UV floodlight with 80 W COB LED



EUROLITE LED TL-3 RGB+UV Trusslight
Variable truss light and uplight with bright
3 x 7 W RGB+UV LED



EUROLITE LED BAR-12 QCL RGBA Bar
LED bar (110 cm) with 12 x 4 watt 4in1 LED
(RGBA)



» ONCE THE EAR IS DAMAGED, IT CAN'T BE REPAIRED. «

Interview with Mirko Nikolai, hearing care professional and managing director of Huth & Dickert (hearing care master craftsman).

Louder, faster, harder: It's not just at rock concerts that the motto "all levels at full blast" often applies. Although both sound engineers and event technicians regularly frown on this, it is not uncommon for the volume to be pushed to the limit. Mirko Nikolai has to deal with the consequences of this professionally: As a hearing care professional, he is very familiar with hearing damage and knows how to prevent it. We met him for an interview.

Hello Mirko, thank you very much for letting us interview you today. Can you briefly introduce yourself and your profession to our readers?

I started as an apprentice at Huth & Dickert in 1999 and have remained loyal to this company ever since. The best thing about this job is that you can give people back a piece of their quality of life. I like to quote Immanuel Kant, who once said: 'Being able to see badly separates you from things, being able to hear badly separates you from people!' Hearing impairment makes communication more difficult and leads to isolation. We want to prevent this with hearing systems. But this also includes working preventive-





Mirko Nikolai
Hearing aid specialist
and managing director
of the company
Huth & Dickert from
Würzburg

ly at a young age and educating young people about how hearing can be damaged and how to prevent it.

We already touched on this topic in the introduction: Especially in the event industry, you often come into contact with a high volume level. From your perspective as an expert on human hearing, what is the problem?

The hair cells, which convert the acoustic signals into an electrical impulse, are permanently damaged by excessive sound pressure. Here it is the principle, the louder, the faster the damage; i.e. that a level of 85 dB (construction site) at 40 hours working time can damage the hearing in the long term. A concert at 115 dB for 3 min. is just as damaging. Therefore, we recommend protecting the ears here with hearing protection.

Unfortunately, people who work in the event industry now inevitably come into contact with such noisy environments very often. Is there an effective protective measure that can be used to protect against hearing damage?

There are different types of hearing protection. They can be simple earplugs. The "Mickey Mouse", i.e. capsule hearing protection, or the adapted hearing protection. This is then also available with different filters specifically for musicians or for people at a noisy workplace.

Sound engineers also need a fine ear in live situations, after all, they have to mix the sound correctly on site. Doesn't hearing protection cause problems there?

If you take the hearing protection with the special filter for musicians, the hearing person does not lose any frequencies (tones). This filter adjusts the volume

linearly so that the sound remains of the same quality.

Let's assume that after years of touring, the hearing has already been damaged. Is there anything that can be done to improve the quality of life?

Once the ear is damaged, there is no way to 'fix' it. The only way to compensate for hearing loss is to use hearing aids. Today's hearing aids can compensate for hearing loss very well. And through connectivity with cell phones, TV, or Bluetooth devices, you can make phone calls, stream music, adjust the hearing aid with an app, and much more without any problems. The new adaptive parameters can even detect speech and lower the noise, so you can understand speech very well even in noisy environments.

Thank you very much for this info!

Mirko, when looking at your website, one quickly comes across a project close to your heart that is based in Uganda. Can you say something more about it?

Yes, we have been supporting the project "Help for deaf children in Africa" for about 20 years. The founder of this project is deaf himself and an acquaintance of mine. I was

there in 2009 and 2010 and fitted hearing aids. I would not want to miss this experience. The great thing about this project is that there is no big administration and the employees do everything voluntarily. This means that almost 100% of the donations go to where they belong. Namely to the children.

How can we support this project?

You can get the information on the homepage www.gehoerlosen-afrikaprojekt.de, or you can ask us in our store in Würzburg.

Mirko, thank you very much for the interview. We hope that your tips have helped some readers and wish you and your team all the best!

HEARING PROTECTION



Simple earplugs and the classic "Mickey Mouse" or earmuffs.



Customized hearing protection with special filters for musicians or sound engineers. This prevents the hearing from losing frequencies (tones). This filter adjusts the volume linearly, so that the sound remains of the same quality.

»THE LOUDER, THE FASTER THE DAMAGE«; I.E. THAT A LEVEL OF 85 DB (CONSTRUCTION SITE) AT 40 HOURS WORKING TIME CAN DAMAGE THE HEARING IN THE LONG TERM. A CONCERT AT 115 DB FOR 3 MIN. IS JUST AS DAMAGING.



TRM-422

4-CHANNEL ROTARY MIXER



THE ROTARY MIXER ON A NEW LEVEL

The desired child

OMNITRONIC's popular TRM series has been expanded: the TRM-422 combines all the proven features of the previous models, but additionally offers functions that numerous fans had wished for. During the development of the mixer, the focus was on the demands and suggestions of the community.



Full control

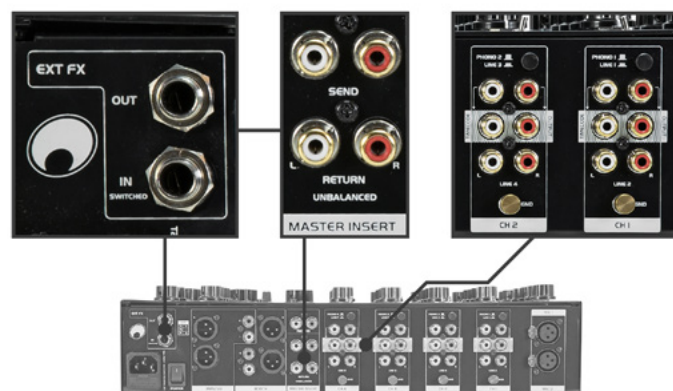
Each of the 4 input channels has 2 line inputs, one of which can become a phono input at the touch of a button. The channels are each equipped with a volume as well as a gain control. In addition to the master isolator (bass, mid & high), the DJ has the option to activate a filter with HPF, BPF, LPF, resonance and sweep controls in each of the 4 input channels. The master output is available to the DJ in both XLR and RCA versions.

DVS Integration

The mixer's timecode outputs allow easy integration of a DVS system (Digital Vinyl System) such as Traktor or Serato.

Effect ways

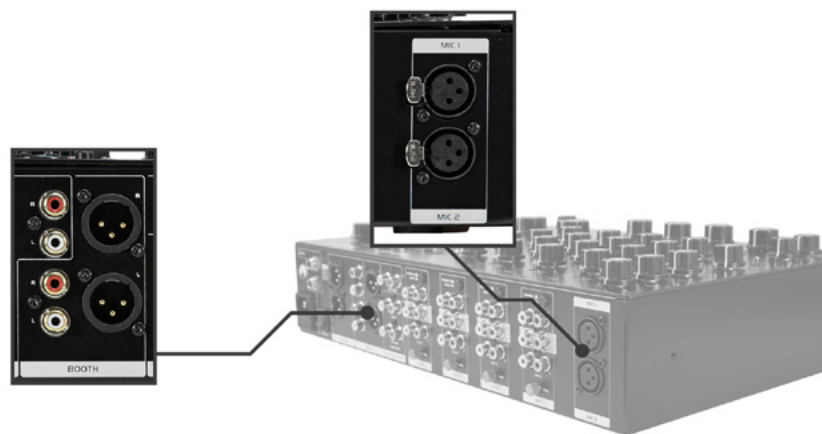
The use of external effect devices is possible through an FX-In and FX-Out via 6.3 mm jack. The mixer's master insert is also equipped with a send & return (unbalanced) path. This allows additional external effects to be looped into the mixer.





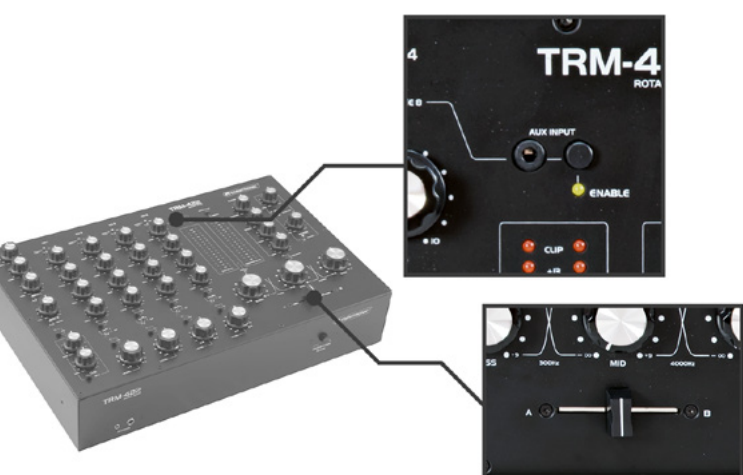
Microphone inputs

The TRM-422 offers two microphone inputs, one of which gives the DJ the ability to modify the microphone signal with an EQ (High & Low).



Monitor section

The booth output of the TRM-422 is provided with one XLR and one RCA connector. The signal of the booth output can be easily adjusted to the conditions in the DJ booth with the help of an EQ (High & Low).



Backup source

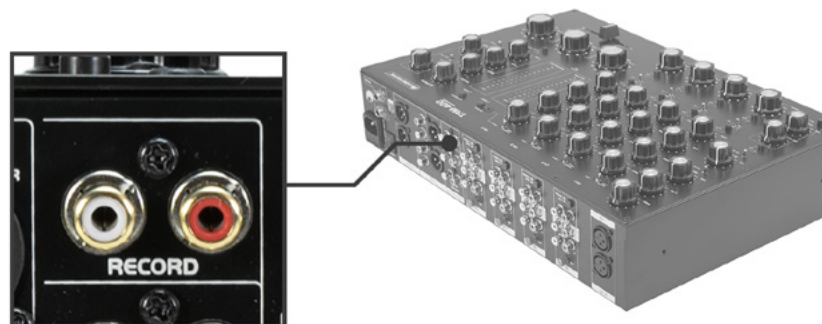
With the help of the AUX input on the front panel, players such as smartphones, tablets or MP3 players can easily be connected via mini-jack (3.5 mm) and thus serve as a backup solution.

Activatable crossfader

If you don't want to do without a crossfader during your DJ set, you have the option to assign each of the 4 channels to the integrated crossfader. If the crossfader is not used, it can easily be switched off.

Set recording

The RCA record-out makes it easy to record your own DJ set.



Woodkits

If you want to treat your TRM mixer to a special optical extra, take a look at the website of Andrea Bano: He makes matching woodkits for the mixers by hand in Italy.



SURPRISINGLY MORE

OMNITRONIC speaker series at a glance

The OMNITRONIC brand has been on the market for over 25 years - and has experienced some ups and downs during this time. In the meanwhile, the audio brand from Waldbüttelbrunn near Würzburg has made friends and a very good name for itself, especially among friends of analog rotary mixers. But the entire OMNITRONIC range offers surprisingly more: Besides DJ equipment, you will find a wide selection of active and passive loudspeakers, both for mobile use and fixed installation. As a guide in the speaker range, we give you a small overview of the series that OMNITRONIC exhibits at Prolight+Sound 2022.

GOOD SOUND IN ROBUST HOUSING:

The AZX series from OMNITRONIC offers robust, reliable speakers with balanced sound at a fair price. Thanks to their multifunctional design, the speakers are suitable for a wide variety of applications: as a party PA, in a youth center, for a band's live performance, or in mobile use as a DJ.

Thanks to a double flange, the tops of the series can each be mounted at two tilt angles (0° and 5°) on a tripod or with an M-20 distance rod on the subwoofers. However, they can just as well be operated flying - or lying directly on the floor as monitors.

All subs are equipped with M-20 metal flanges so that tops can be mounted on them.

Thanks to the wide range of active and passive speakers and their flexible application possibilities, the AZX series is suitable for live and DJ operation as well as for installation, for example in youth centers or small clubs.

All loudspeakers of the AZX series are housed in sturdy wooden cabinets (15 mm MDF) with textured lacquer. Acoustic foam behind the metal grilles provides a rounded overall appearance and protects the installed components without negatively affecting the sound.

The AZX-Series

Tops:

AZX-208 (8") passive
 AZX-210 (10") passive
 AZX-212 (12") active/passive
 AZX-215 (15") active/passive

Subs:

AZX-112 (12") active/passive
 AZX-115 (15") active/passive
 AZX-118 (18") active/passive



CONVINCING SOUND AT AN AFFORDABLE PRICE:

For those with high demands on their loudspeakers but have a tight budget, OMNITRONIC offers just the right speakers with the XKB series. There's a wide range of active and passive models. With their features and sound, they can keep up even with much more expensive systems. They are ideal for mobile events with live bands and DJs.

Powerful bass, clear mids and highs determine the sound of the XKB boxes. Presets make it easy to quickly tune the sound of the active XKB-212A and 215A. An integrated Bluetooth player, a DSP-controlled bi-amp amplifier, 3-band EQ, and an adjustable high-pass filter round off the equipment package here.

The active XKB-208A and XKB-210A feature a 2-band EQ, an XLR combo jack for Line and MIC In, and an AUX/Bluetooth input. In addition, they have an XLR connector for looping the signal to another speaker. A Bluetooth player is also on board.

Thanks to the carrying handles that have been sensibly incorporated into the design, the speakers can be carried comfortably with one hand without tipping over. The speakers also work just as well as a floor monitor (lying down) as they do when mounted on a tripod or wall.



The XKB-Series

XKB-208 (8") active/passive
 XKB-210 (10") active/passive
 XKB-212 (12") active/passive
 XKB-215 (15") active/passive

DSP CONTROL Presets for quick sound contouring:
 LIVE, MUSIC, SPEECH, DJ, TRIPOD, MONITOR, WALL





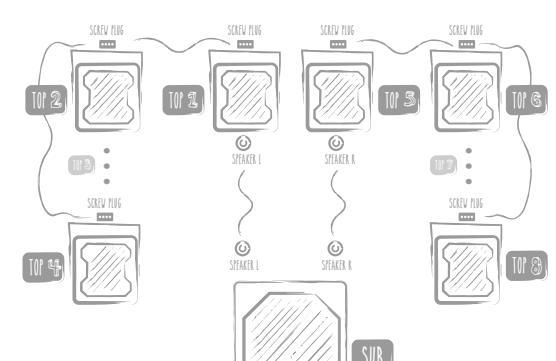
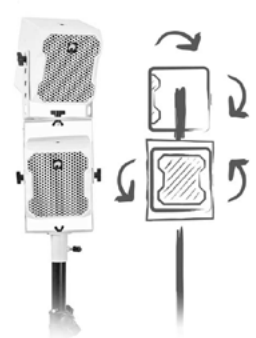
ONE FOR EVERYTHING:

With the speakers from the BOB series, you get a compact, efficient, and flexible PA system that is suitable for a wide variety of applications: as a full-range PA for small gigs, as a keyboard or e-drums monitor, as a compact system for DJs or installation in the catering industry. With one subwoofer, up to eight tops can be operated. BOB always delivers a clear, assertive sound and requires little space. The series includes active and passive speakers. With their extraordinary appearance, the speakers blend in perfectly with their surroundings, both for installations and mobile live gigs. BOB is also available in white and therefore also cuts a fine figure at wedding celebrations.

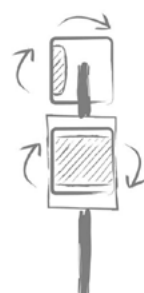
The BOB Series:

Tops:
BOB-4 (4")

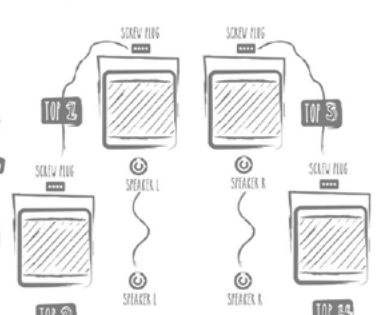
Subs:
BOB-10A active
BOB-82X



Matching bags for BOB and Molly systems



4.1
MOLLY 6



THE ALL-ROUNDER:

This speaker system from OMNITRONIC goes by the name MOLLY and is recognizable at first glance as a relative of OMNITRONIC's well-known BOB system. What distinguishes the two visually: MOLLY is a bit rounder and larger. Just like its "little brother", however, MOLLY is a real all-rounder in terms of its intended use.

MOLLY comes with 6" tops and 12" subwoofers. Up to four MOLLY tops can be operated with one subwoofer. Because the system is so flexibly expandable, it can be used for a wide variety of applications: Both for fixed installation in bars, restaurants, and retail stores, as well as mobile, for example for weddings or small bands. Wherever "a little more" is required, Molly is the right choice. The system is compact enough for mobile use, but powerful enough for larger parties.



The MOLLY Series:

Tops:
Molly-6 (6")

Subs:
Molly-12A active



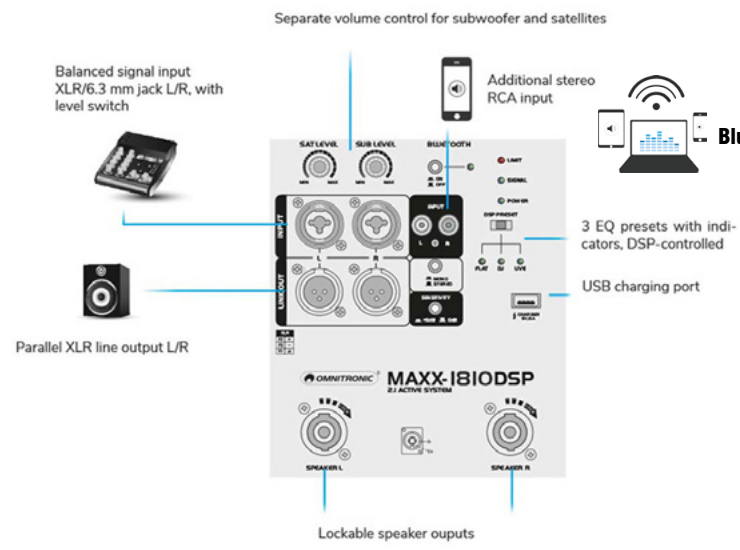
COMBINES POWER AND MOBILITY:

OMNITRONIC MAXX are versatile, compact PA systems at an affordable price. Thanks to their high-quality sound and good level stability, the speakers are popular as price-performance champions among bands, DJs, and solo entertainers who want to be flexible on the road.

The active 2.1 systems of the series are equipped with Class D amplifiers and deliver powerful, dry bass thanks to bass reflex enclosures. The two satellites feature passive 2-way crossovers including PTC tweeter protection.

With balanced XLR/6.3 mm jack connections, stereo RCA inputs with level adjustment, and integrated Bluetooth for wireless music enjoyment, the active systems provide flexibility: connect a small mixing console or use your smartphone as a source for music, for example. You can couple additional active speakers via an XLR parallel output.

Convenient are the additional functions of the boxes, which make working with them even more pleasant: 3 DSP-controlled EQ presets with status displays, clear volume controls (separately adjustable for satellites and subwoofer), and an integrated USB charging unit for your smartphone complete the overall package.



**MAXX-1810DSP 2.1
Active System**

Powerful active PA system with DSP, Bluetooth, 800 W (18" sub, 10" tops)



MAXX-1508DSP 2.1 Active System

Powerful active PA system with DSP, Bluetooth, 700 W (15" sub, 8" tops) available in black or white



Matching covers



Die PAS MK3-Serie:

Tops:

- PAS-208 (8") active/passive
- PAS-210 (10") active/passive
- PAS-212 (12") active/passive
- PAS-215 (15") active/passive

Subs:

- PAS-151 (15") active/passive
- PAS-181 (18") active/passive



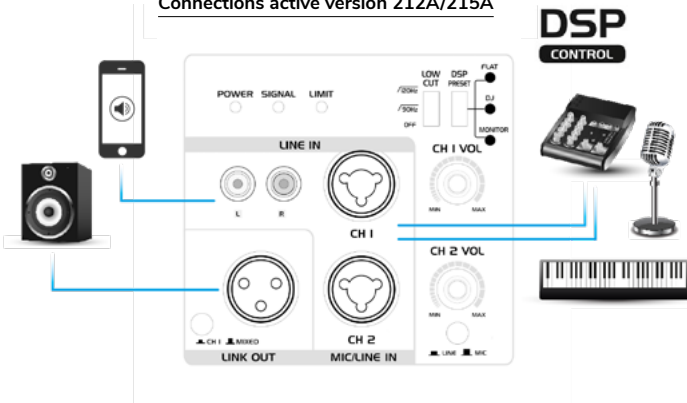
Matching covers, wall mounts and swivel brackets

PROVEN QUALITY IN THE THIRD GENERATION:

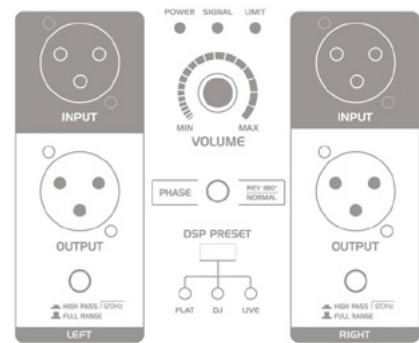
Sturdy wooden housing (multi-layer laminated wood), high-quality components, outstanding sound: the PAS series from OMNITRONIC combines all the characteristics of a very good speaker series and offers the total package at a fair price. The popular series entered its third generation in 2020. The series includes 2-way tops and subwoofers in various sizes and power classes, each in an active and a passive version. All tops of the series are equipped with a double flange, which allows the box to be mounted on a stand with a 0° or 5° tilt angle. The subs convince with high output in a very compact design.

The speakers of the PAS MK3 series are accompanied by a wide range of accessories: In addition to additionally attachable swivel brackets and wall brackets for the tops, there are also matching covers for all speakers.

Connections active version 212A/215A



Connections active version 151A/181A





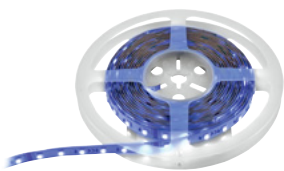
THEATER CHAMBINZKY // WÜRZBURG

Theater Chambinzky in Würzburg used the forced free time during Corona to update the attached bar and lounge technically and visually. For first-class sound, the team installed coaxial speakers from the iFix series by CELTO Acoustique. LED Pixel Strips from EUROLITE, among others, were installed as indirect lighting for an appealing look.





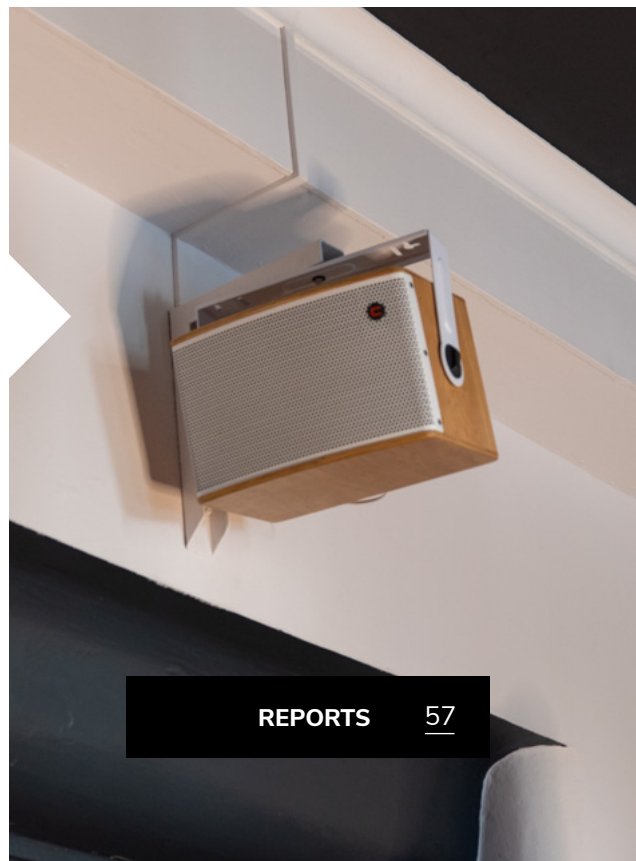
CELTO ACOUSTIQUE iFIX8 2-Way
Coaxial Speaker natural/white



EUROLITE LED Strip 300 5m RGBWW 24V
Flexible LED strip with RGB and warm white LEDs



CELTO ACOUSTIQUE iFIX7 2-Way
Coaxial Speaker natural/white



THE STORY BEHIND

CELTO ACOUSTIQUE

Interview with Nicolas Lucas,
European Director of CELTO Acoustique



IWAC210 woofers ready for installation



IsoTop Wave Guide made of carbon fiber

Hi Nico, thanks a lot for giving us the opportunity for this interview today! Would you please briefly introduce yourself and the company CELTO Acoustique to our readers?

Thanks for having me, I'm Nico, European Director of CELTO Acoustique, based in Belgium.

My passion for audio is now 20 years old; I began as a DJ after school, then switched quickly to mixing bands and bigger festivals. Got my Audio Engineer Diploma at SAE Brussels, and as they wouldn't let me go, I became a teacher for the PA & Sound Reinforcement module for several years. I started my Audiovisual company around the same time.

Before going to the SAE, I met my colleague and friend Arthur. At this moment everything went quickly as it "clicked" instantly between us. After some trial and error, CELTO Acoustique was born somewhere in 2010. We began designing components for OEM, but after some time we wanted to prove our expertise and knowledge and introduced some complete cabinet solutions in 2015. Since then, our company has grown and welcomed some pretty interesting staff members such as Rodger and Alain.

What is it that characterizes CELTO and distinguishes the brand from other manufacturers?

From the beginning, we wanted to do everything that was possible in-house. This meant we could control the costs and cut out some middlemen. Initially, we wanted to bring the best performance and quality to a bigger customer base thanks to very attractive prices. Today, it's still the same philosophy, but now we come with new technologies never seen before like the Isoray series.



Front panel of the touring amplifiers

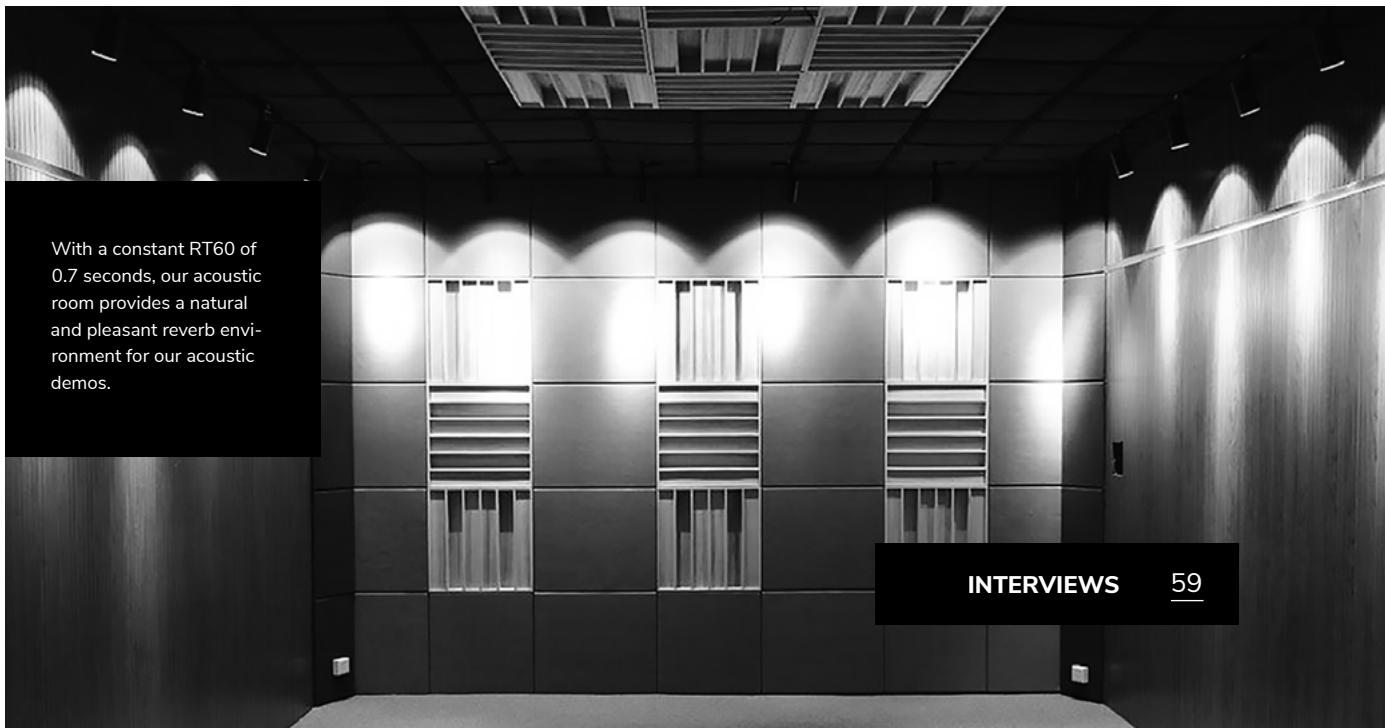


The team of CELTO: Siddart (Indian Distributor), Alain Pouillon Guibert (Technical Director), Nicolas Lucas (Europe Director), Arthur Felix (Founder and CEO)

Why did CELTO decide to only work with selected distributors around the globe? Is it part of CELTO's philosophy?

CELTO Acoustique is a big family. We can't count the number of discussion groups we have had between all the distributors, where everybody helps out (service, stock, tip & tricks).

Everybody knows each other, and a lot goes through feeling. Of course, we are a company doing business, but that's not all. There needs to be a profound connection between the distributors and the CELTO team, like sharing a passion and understanding the situation of the market in this strange and difficult actual situation.



With a constant RT60 of 0.7 seconds, our acoustic room provides a natural and pleasant reverb environment for our acoustic demos.



What is your favorite product in the range (and why)?

Ouch, that's a difficult one. In the current range, my personal favorite is the CMP10.

The rigging and form factor is great, but the performance is mind-blowing! Makes me think about my other, old favorite, the VCM10.

But my protégé will be the VT152, there's not a lot of demand for this kind of product anymore (depending on the market), but I can't remember how many festivals, jobs, bands I did with them and I was always amazed how easy it was to shape the sound how I desired.



CELTO ACOUSTIQUE CMP-10
2-Way Coaxial Speaker

**Where do you see yourself and the company in ten years?
What are your wishes for the industry?**

I hope first and foremost all that the pandemic situation will resolve quickly and go back to as it was in 2019.

I know it will never go back 100 %, but at least without component shortages and no more crazy price changes in our supply charges, so we can start production again and help our customers as best as we can.

As for myself, I hope that the CELTO Family will grow with innovative and interesting people.

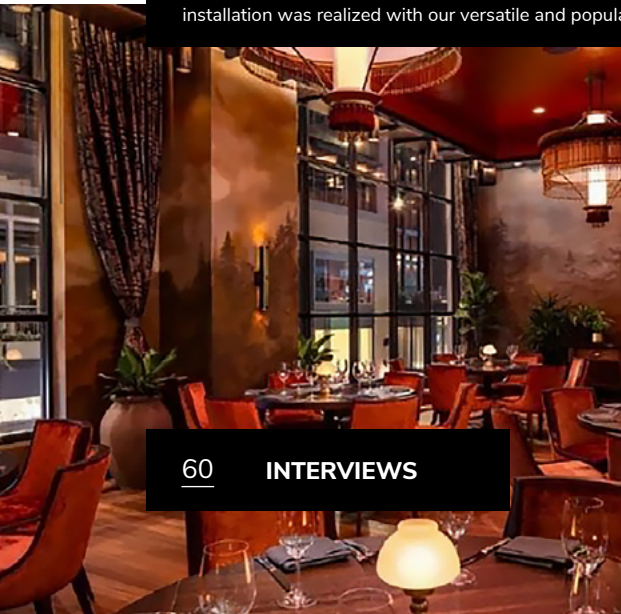
Make CELTO Acoustique a great worldwide and happy family.



CELTO ACOUSTIQUE
VCM10 2-Way Coaxial Monitor

**Nico, thank you so much for this interview. We wish you
and your company all the best and ongoing success!**

Over 150 loudspeakers from CELTO Acoustique were installed at Justin Timberlake's Supper Club in Nashville, USA. The appealing and harmonious installation was realized with our versatile and popular iFIX and CT series loudspeakers from Pineapple Audio.





The company BMU Veranstaltungstechnik: Project management Sascha Trautmann and technical realization Karsten Liberenz (right in the picture)

BELLBOY//BERLIN

The "Bellboy" in Berlin offers a very exclusive ambiance on more than 400 square meters for up to 200 guests. The company BMU Veranstaltungstechnik from Berlin was responsible for the sound technology in the newly opened bar. Sascha Trautmann was in charge of the project management, Karsten Liberenz (right in the picture) was responsible for the technical implementation. The team realized a sophisticated audio installation with eight separately controllable zones. Among other things, 36 iFix loudspeakers from CELTO Acoustique were used, which were colored in pink, black, and gold at the request of the bar operators to blend in perfectly with the surroundings. Six PSSO QCA-10000 amplifiers were installed as power amplifiers.



36 CELTO iFix speakers in pink, black and gold



PSSO QCA-10000MK2 4-Channel SMPS Amplifier

OMNITRONIC presents musical additions to the ODX series:

The weatherproof 100 V loudspeakers of the ODX series from OMNITRONIC have been extended by a new series, which carries the addition "TM" in its name. The main difference to the previously available speakers is the intended use: While the old familiar installation speakers were intended for the "rougher" outdoor use, for example for sports field sound reinforcement, the new speakers are suitable for the somewhat fancier applications. They score with a more discreet appearance (new design at the grill and color) and also sound different: Compared to the other speakers in the series, they are more musically tuned and designed more for mid-range and close-range sound reinforcement.





	ODX-208TM	ODX-212TM	ODX-215TM
IP classification:	IP56	IP56	IP56
Rated power:	150 W RMS	300 W RMS	400 W RMS
Program power:	300 W	600 W	800 W
Frequency range:	80 - 18000 Hz	55 - 18000 Hz	50 - 18000 Hz
Sensitivity:	96 dB (1W/1m)	98 dB (1W/1m)	103 dB (1W/1m)
Max. SPL:	118 dB	123 dB	129 dB
Dispersion angle:	90° x 90°	80° x 80°	70° x 70°
Crossover frequency:	2300 Hz	2000 Hz	2100 Hz
Impedance:	8 ohms; Public address systems 100V	8 ohms; Public address systems 100V	8 ohms; Public address systems 100V
Attachment system:	Mounting bracket	Mounting bracket	Mounting bracket
Power tapping:	37.5W; 75W; 150W RMS via Selector switch switchable	50W; 100W; 200W RMS via Selector switch switchable	75W; 150W; 300W; 400W RMS via Selector switch switchable
Connections:	Input: speakers via screw terminal	Input: speakers via screw terminal	Input: speakers via screw terminal
Speakers:	1 x woofer (8") approx. 20 cm 1 x Calottes highs (1") approx. 2.5 cm	1 x woofer (12") approx. 30 cm 1 x Calottes highs (1.7") approx. 4.3 cm	1 x woofer (15") approx. 38 cm 1 x compression tweeter highs (1.7") approx. 4.3 cm
Type of speaker:	On-ceiling/on-wall speaker	On-ceiling/on-wall speaker	On-ceiling/on-wall speaker
Color:	Grey	Grey	Grey
Dimensions:	Width: 30 cm Depth: 28 cm Height: 30 cm	Width: 40 cm Depth: 38 cm Height: 41 cm	Width: 50 cm Depth: 52 cm Height: 50 cm
Weight:	10.75 kg	19.75 kg	26.70 kg

M I C R O P H O N E S



OMNITRONIC UHF-E2/4
Registration-free
2/4-channel radio
microphone system

New entry-level wireless microphones from OMNITRONIC

OMNITRONIC's new UHF E-Series offers two-channel and four-channel wireless microphone systems in the 518-534 MHz and 823-832 MHz registration-free frequency ranges. All channels are equipped with volume controls and LEDs for carrier and audio signals. A jack output is available for the mixed signal. Thanks to their simple operation and low prices, the systems are particularly suitable for beginners and users who are watching their budget.

Matching the two-channel or four-channel receivers, there are handheld microphones, lavalier, and headset microphones with pocket transmitters, each of which transmits on a fixed frequency and is color-coded accordingly.



Studio quality for your home:

The new CM-78MK2 from OMNITRONIC is a large-diaphragm condenser microphone for the tight budget and was developed for demanding home recording. It is ideal for almost any recording application such as speech, vocals, pianos, and acoustic instruments. The microphone delivers a precise sound and is equipped with an extremely thin, gold-coated 34 mm diaphragm. It has a cardioid characteristic with low self-noise and high maximum sound pressure level. Delivery includes a spider mount with 16 mm thread (5/8"), windscreen and thread adapter (9 mm/3/8"). The CM-78MK2 requires 48 V phantom power for operation.



OMNITRONIC MIC CM-78MK2
Large-diaphragm condenser microphone for professional studio use



OMNITRONIC EP-220NET



The new EP-220NET from OMNITRONIC is a preamplifier in 19-inch format with integrated Internet radio, Bluetooth and remote control. With its multiple streaming options via WiFi, LAN and Bluetooth, it is ideal as a music hub for retail stores or restaurants. The large color display and jog dial make operation convenient and clear. An additional sleep timer and alarm clock function round off the overall package.



LEaT Jobs
Der Stellenmarkt der Entertainment Industrie

ES GEHT NICHT UM **EINEN** JOB.
ES GEHT UM **DEINEN** JOB!

**JETZT
TRAUMJOB
FINDEN!**



jobs.leadcon.com



INTERVIEW

WITH BEN PANTHER
FROM "WIRKUNG.LIVE"

The year 2021 brought a lot of new things. Admittedly, most of us will probably view the past year with mixed feelings. But there are still positive stories in these times. Two companies for which the year 2021 brought a big change were Eventpanther GmbH and GH Prosound. What exactly happened, Ben Panther tells us in this interview.

Ben, first of all, thank you for your availability for the interview. Can you please introduce yourself briefly to our readers?

Thanks for the invitation. I'm Ben, founder and one of the managing directors of WIRKUNG.live GmbH, an expert in event psychology and live directing - and also very knowledgeable in the field of digital and hybrid events since 2020.

We already mentioned it in the introduction: There was a big change with you or your company last year. What was that exactly?

Right. We have created one big company out of two. Eventpanther GmbH, based near Frankfurt, and GH Prosound, based near Würzburg, became "WIRKUNG.live". By the way, now with just finished new headquarters with over 2,000 m² warehouse and three loading docks - which makes our tech crew very happy.

That sounds like an exciting story. What were the reasons for the merger and how did it come about?

The whole story started one evening in January last year. In the middle of Corona time, we were discussing the next steps over a glass of wine or two. Both companies had joked in the past that they would eventually take over the other. Well, in January, the idea came up to achieve much more together than alone. It made sense to everyone: just one accounting department, more staff, more materials, and a larger fleet. Not only does it feel better for everyone involved, but it also gives our customers more security. It also allows us to handle larger projects.

"DESPITE VIDEO CONFERENCING AND DIGITAL EVENTS, PEOPLE WANT TO CELEBRATE, NETWORK, AND SHAKE HANDS TOGETHER."

The new WIRKUNG.live company then also immediately attracted attention with large projects - we also reported on the event in the courtyard of Schönbrunn Palace in Vienna in our last issue. Looking back, is there an event or a job that has particularly stuck in your memory from the past year?

That's right, being able to provide the technical equipment for the event at

Schönbrunn Palace was a highlight in itself! Cool music, perfect weather, and finally open-air music again! The visitors celebrated.

Another highlight was the Euro Finance Week of the Deutscher Fachverlag (dfv) in Frankfurt. The event is one of the leading financial industry events in Frankfurt. We designed a fantastic hybrid event for it at Kap Europa, which combined tradition and trends in equal measure.

And then there was the opening of the TESLA Gigafactory in Grünheide, which we also had the pleasure to technically equip. Europe's biggest trailer stage, over 300 moving lights and four trailers full of technology - that was cool!

In addition to the great events, there were certainly also more difficult times in 2021. What were the biggest challenges for you in the first year as a newly merged company?

Well, the first year is still going on. WIRKUNG.live has only been around since September 2021, and there are many challenges. We won't talk about Corona and the planning uncertainty. It's mainly the little things. I always say: people do business with people - not with companies. So we're doing

a lot to ensure that our team is doing well. We are in the midst of creating processes and structures that fit the current times: Remote working among planners, two locations, digital tools and programs and sustainable employee encouragement and challenge. We are also building and expanding our team. We have three new employees starting this year alone (2022), and we're already talking to freelancers for the summer boom.

What advice would you give to someone who is currently considering starting their own business in the event industry or starting a new business?

A crisis is always an opportunity. Those who start up now really want to. And those who start their own business now have to be among the best very quickly. It's certainly not the easiest time to launch a business. However, there is already an acute shortage of skilled workers, the market has cleared up a bit and customers are willing to try out new things: If you start now with a good idea and sensible sales, you have the best chance of positioning yourself for the period with moderate Corona.

Last but not least: Let's venture a joint outlook for the next five to ten years. How do you think the industry will change? And where do you see your company in the future?

The event industry needs to rethink. More service, higher quality, and more long-term planning. Already this summer, many companies will have material but no staff. In addition, the prices for personnel are rising, which must already be priced in by event organizers. The topic of digitalization will continue. New platforms that link online and live events in tracking, sales, and attendee management will be the future. We've just disruptively scrapped development on our streaming platform and are focusing on the event



hub: the digital interface for all attendee interactions - on-site and online. But I see the future as thoroughly positive. In our surveys alone, such an overwhelming majority of attendees and guests want to attend events again... and from a purely psychological point of view, that's only human! Despite video conferencing and digital events, people want to celebrate, network, and shake hands together. Our industry should never forget that and start making the most of it, especially now in summer! I see WIRKUNG as one of the leading companies for technically high-quality live events in the corporate environ-

ment. Our crew shows so much energy and enthusiasm on every job - I love that. We are building up the two locations Frankfurt/Würzburg and will focus especially on the Southern German region.


Ben, thank you very much for the interview and we wish you a lot of success for the future and continue to have so much fun at and with your work!

Thank you for the invitation and see you soon!



"OUR CREW SHOWS SO MUCH ENERGY AND ENTHUSIASM ON EVERY JOB - I LOVE THAT!"





Yes, I do

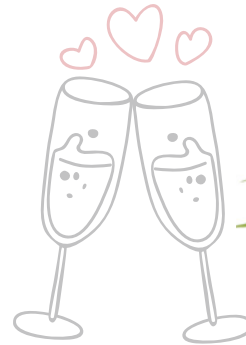
Whether you opt to marry in a registry office, in a church, or decide on a free wedding ceremony - in 2022, getting married is more popular than it has been for a long time.

After many restrictions on celebrations, we are “getting married” again - even if the traditional way of celebrating has changed a lot. Instead of large, opulent weddings, the trend is moving to celebrations in a small circle of family and friends. Especially popular are the warm, sunny months - as this allows part of the festivities to take place outdoors. In addition, a myriad of dates postponed due to the pandemic need to be rescheduled and organized. With the following 5 tips and tricks we give you a few ideas on how to make wedding preparation more stress-free in terms of decoration:

Tip 1

Why does it always have to be fresh flowers when decorating the location? Especially when decorating tables and surroundings, detailed, modern, artificial plants are an ideal alternative. They always look fresh and can be space-savily stored for future use.





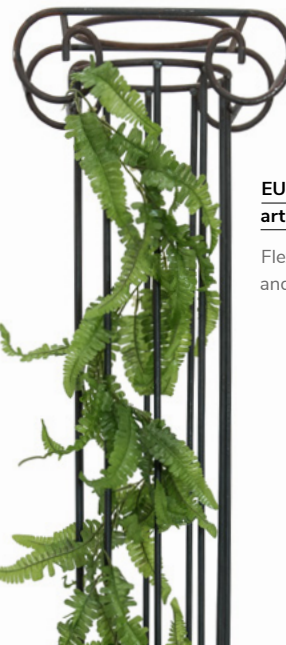
EUROPALMS Mini Calla,
artificial plant, white, 43cm

Houseplant in a flower pot



Tip 2

For a bar table - e.g. for the champagne reception - white cloth covers are perfect to “hide” what’s underneath. However, these tables should also be adorned appropriately for the occasion. This can be done in no time with artificial garlands and small plants for table and counter decorations.



EUROPALMS Fern garland,
artificial, 180cm

Flexible fern garland for indoor and shop window decoration



EUROPALMS Lavender bush, artificial, 61cm

Lavender bush, tall



EUROPALMS Lavender Garland, artificial, violet, 180cm

Lavender garland, ideal to add color accents

love





Tip 3

Decorated with tulle, fabric bows, and tendrils of leaves or flowers, wedding arches provide a beautiful setting for the wedding celebration and a romantic backdrop for the photographer. These can be staged quite individually, depending upon the wedding motto.

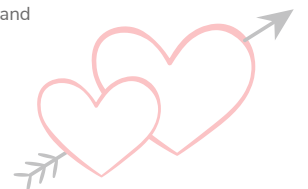


Flower branches and garlands can be bent into a desired shape without kinking.



EUROPALMS Rose Garland (EVA), artificial, red

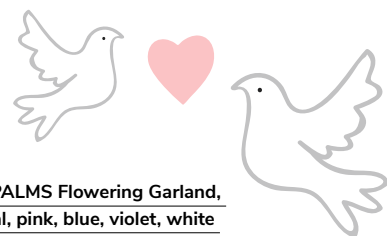
Rose garland





**EUROPALMS Ivy garland tight,
artificial, green, 180cm**

Flexible garland with very dense
foliage



**EUROPALMS Flowering Garland,
artificial, pink, blue, violet, white
180cm**

For the colorful entwining of your
objects



Tip 4

Cozy lounges that invite you to linger can be implemented in no time with artificial greenery, but also bare corners or walls are integrated into the concept with the help of artificial plants.

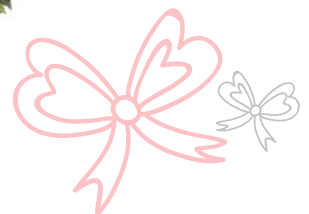


Artificial tree can be impregnated with a UV protection spray



EUROPALMS Ficus spiral trunk, artificial plant, 160cm

Ficus with artfully twisted multi trunks





**EUROPALMS Hop garland,
artificial, 170cm**

Ideal decoration for your walls



**EUROPALMS Chinese silvergrass,
artificial, 180cm**

Bushy reed grass for individual
nature-like decorations



Romantic scatter decoration, can be used again and again

Tip 5

They don't wilt, they don't stain: true all-rounders in wedding decorations are rose petals. High-quality processed artificial rose petals convince with their deceptively real appearance and are ideal as romantic scatter decoration on tables or in the honeymoon suite.



EUROPALMS Rose petals, artificial, red, 500x

Rose petals as romantic deco confetti



yellow/pink



pink





**EUROPALMS Wisteria,
artificial plant, white, 180cm**

Wisteria

Standing aid - simply place
in a suitable planter



EUROPALMS Lavender wreath, 30cm

Lavender wreath with white blossoms,
universally applicable



Whether vintage or boho style, barn wedding or in nature - under whichever motto the festivities take place, a coherent overall concept can be achieved with the use of modern, artificial plants. With this appropriate framework, the foundation is laid to make the wedding celebration an unforgettable day for the newlyweds.

SUSTAINABILITY

IN THE EVENT INDUSTRY



Sustainability is on everyone's lips: cars are becoming electric, energy is increasingly being generated from renewable sources, air travel is becoming less frequent. Organizers, agencies and event managers are also increasingly concerned about how events can be organized, designed and implemented more sustainably. To help the industry, the German Federal Ministry for the Environment and Nature Conservation published a guide for the sustainable organization of events back in 2015, which was last updated in 2020.

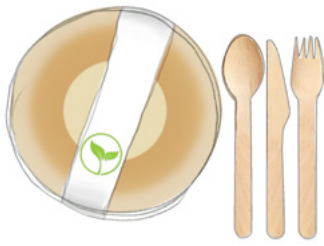
Here we show you where even small adjustments might help to reduce the ecological footprint of an event, and what the Federal Ministry's guide recommends in selected top-ic areas:



1) LOCATION

As early as the selection of the location, you can create the conditions to cause the lowest possible CO2 emissions. From an ecological point of view, locations that are easy to reach by public transport are well suited. In this way, visitors can do without their own cars. If the use of public transport is not possible, you can alternatively arrange for the most environmentally friendly shuttle vehicles possible from a meeting point to the location. If the event is to last several days, it is advisable to provide accommodation for participants near the venue.

For hotels and conference buildings, there are labels such as the European Ecolabel, which is awarded to venues that can demonstrate that they comply with environmental requirements set by the EU. Other factors that can help event venues become more sustainable include generating energy via a solar power system and consistently separating and recycling waste.



2) CATERING

Food plays a major role at any event - whether it's a medical congress or a festival, the culinary arts need to be considered in advance. To make the most resource-saving and environmentally friendly choice here, the Federal Ministry recommends that the following criteria be taken into account: The food on offer should be as seasonally adapted as possible, and the food should be organically grown. Since meat and fish are associated with a higher CO2 impact than vegetables and local fruit, the guide recommends that the majority of catering should be vegetarian. Since the quality of tap water in Germany is very good, you can also offer such water in carafes for selection - there are hardly any other beverages with shorter delivery distances.

To avoid waste, it is best to use reusable tableware and cutlery. If this is not possible, for example at outdoor festivals, biodegradable packaging can be used. Deposit systems ensure that fewer cups and bottles end up in the trash or the landscape.



SUSTAINABILITY

IN THE EVENT INDUSTRY



3) WASTE MANAGEMENT

Even with the best preparation, it will not be possible to completely avoid waste at events. Nevertheless, to act in the most environmentally friendly way possible, waste management can be actively designed to increase the recycling rate, for example. The Federal Ministry's guidelines recommend setting up so-called waste islands where paper, organic, glass, and plastic waste can be disposed separately. Clear labeling of the individual containers makes waste separation easy for visitors and saves cleaning staff time-consuming sorting afterwards.





4) COMMUNICATION

The communication measures surrounding the event also have the potential to be more sustainable. In external communications (advertising/invitations), for example, it can be pointed out at an early stage that the event is taking place under certain environmental protection guidelines. In this way, visitors are made aware of the issue in advance. Where possible, paper posters and flyers can be dispensed with and online advertising can be used instead.

The desire for a sustainable and environmentally friendly design should also be pointed out early on in the communication with the service providers and other contributors involved in the event: This often brings together even more ideas to help implement this plan. Cleaning companies and catering services are often already attuned to this objective and can adapt well to it.



Of course, there are many more ways to make events as environmentally friendly and sustainable as possible. What has not yet been mentioned in the Federal Ministry's guidelines, for example, is the use of stage technology that is as energy-efficient as possible. Doing away with effects that produce waste (e.g. confetti) or switching to lower-emission technology that is adapted to the environment is also worth considering in terms of the environment.

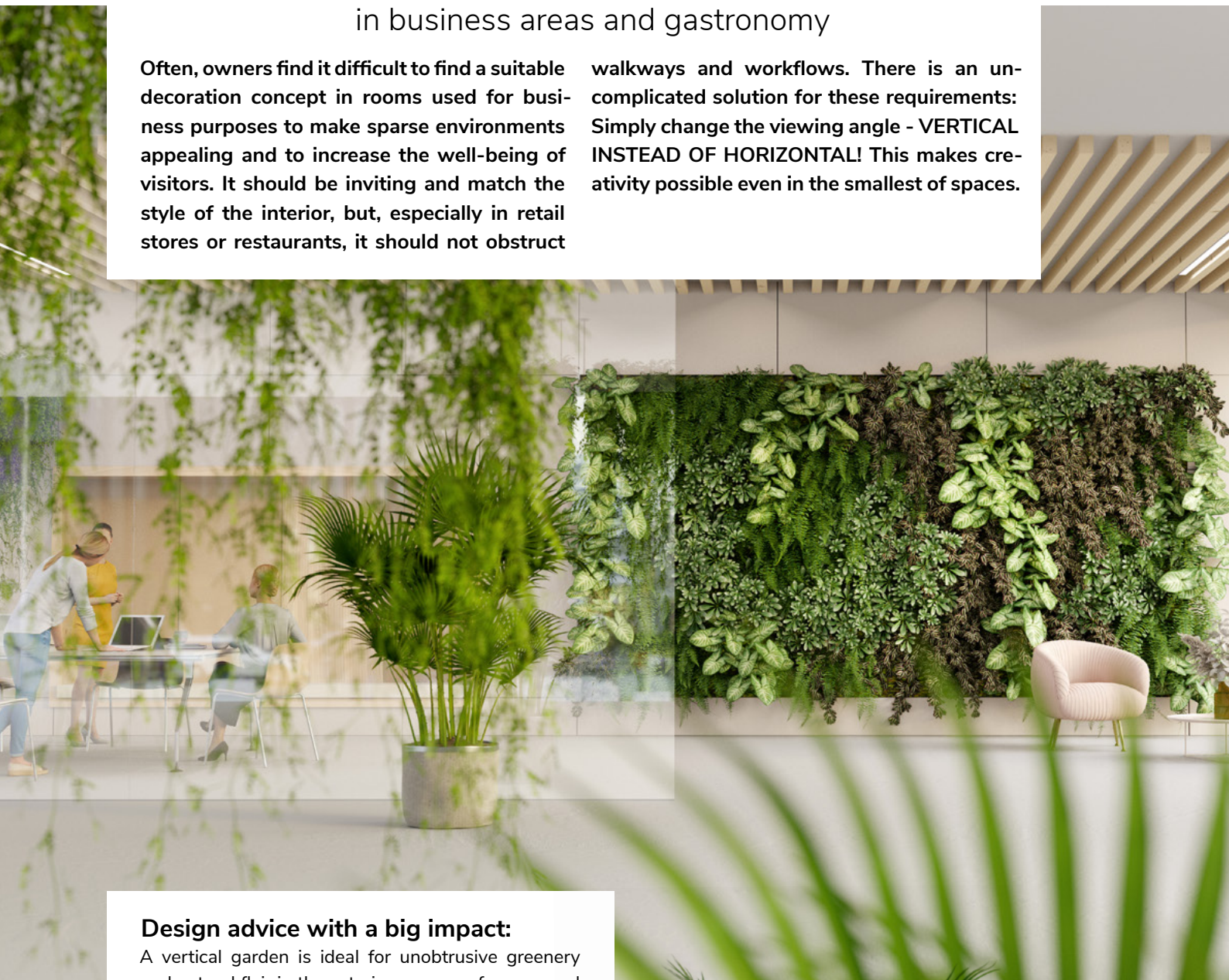
No matter which point you start at first: Each of the aspects mentioned is a small contribution to more sustainability in the event industry.

CHANGE YOUR PERSPECTIVE

Vertical gardens create more well-being
in business areas and gastronomy

Often, owners find it difficult to find a suitable decoration concept in rooms used for business purposes to make sparse environments appealing and to increase the well-being of visitors. It should be inviting and match the style of the interior, but, especially in retail stores or restaurants, it should not obstruct

walkways and workflows. There is an uncomplicated solution for these requirements: Simply change the viewing angle - VERTICAL INSTEAD OF HORIZONTAL! This makes creativity possible even in the smallest of spaces.



Design advice with a big impact:

A vertical garden is ideal for unobtrusive greenery and natural flair in the catering area, conference, and business premises, but also in your own four walls. Whether as a suspended ceiling shelf in combination with lamps, as a single decorative element, as a room divider, or for the design of a complete wall surface - a vertical garden can be realized in very different ways. However, some important aspects must be taken into account when planning with live plants: For example, whether the plants are suitable for the particular location of the wall or terrace and how the resulting vertical garden should then be watered.

EUROPALMS Areca palm
with big leaves, artificial plant,
165cm

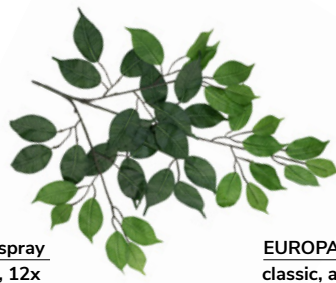
Ideal for dividing space



EUROPALMS Fern bush in
pot, artificial plant,
51 leaves, 48cm

EUROPALMS Bamboo tube with leaves, artificial, 180cm, sixpack

Several single bamboo branches



EUROPALMS Ficus spray Benjamina, artificial, 12x

Attractive decorative branch for individual designs

EUROPALMS Pothos garland classic, artificial, 180cm

Leafy garland with elaborately worked leaves in natural colors

How good it is that you can implement the living trend even if you shy away from the use of real plants! **Modern artificial plants and dried, prepared moss are the ideal alternatives** here, because they make no demands on location, watering or light incidence. This reduces the amount of care required for the greenery to an occasional dusting.



EUROPALMS Sago palm tree, artificial, 45cm

Lifelike leaves, ideal for floral arrangements



EUROPALMS Moss patches impregnated apple green, 10x

Natural moss dried and prepared for decoration

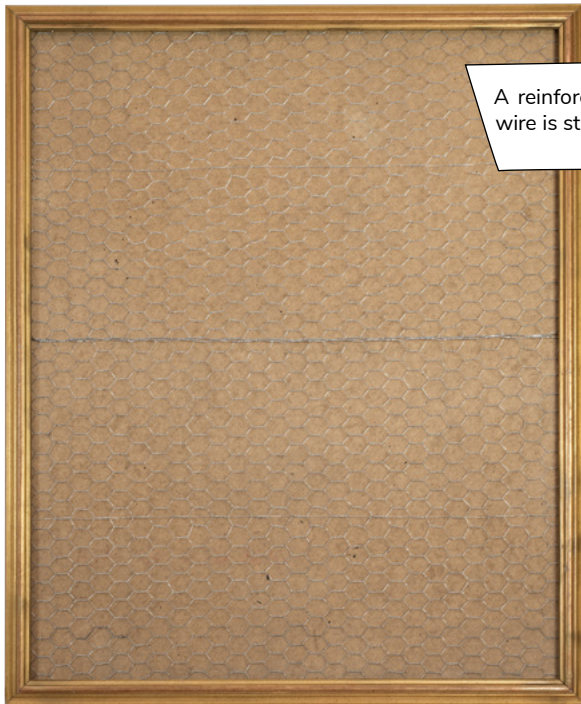


EUROPALMS Holland ivy bush, artificial, 50cm

Holland ivy tendrils with star-shaped leaves



THIS IS HOW TO CREATE A VERTICAL GARDEN STEP BY STEP:



A reinforced picture frame, on which a chicken wire is stretched, forms the framework.



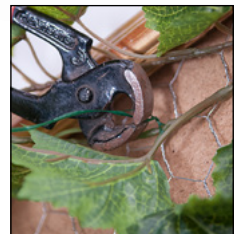
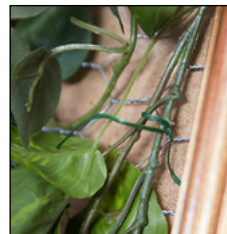
The most important working utensils are: Craft wire, side cutters, pliers, hot glue gun, and hot melt glue.



A particularly lively structure is achieved by using different leaf structures and color nuances. Especially ferns, succulents, moss, leaf garlands, and grasses are used here.



The artificial plants are fixed with craft wire between the chicken wire and the back wall of the picture frame.



The stems are shortened to the appropriate length.



Hot glue is used to put the moss and leaves in the right place.

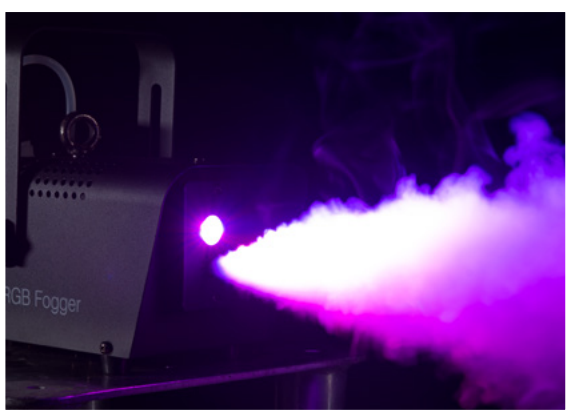


Suspended like a green, living picture, the modern vertical garden presents itself and thus forms the highlight of the interior design. Even sophisticated design concepts can be implemented in this way with detailed, modern artificial plants. Whatever you choose – a vertical garden will enhance any room and create a pleasant, relaxed atmosphere.



LIVE AND IN COLOR

Colored fog doesn't really exist. But you can still create it with this machine: There is a bright LED directly above the fog nozzle. On the rear of the device, there are three controls for red, green and blue light, which can be used to set any color or color mixture. Each time the fog is emitted, the set color is generated and colors the fog accordingly.



EUROLITE N-19 LED Hybrid RGB Fog Machine

Compact fogger with 600 watts power, LED illumination, cable remote control

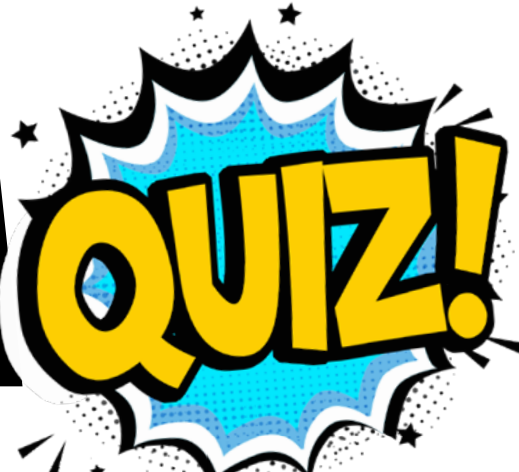


Cable remote control with on/off button



Rotary controls for color adjustment

THE FOLLOWING PICTURE PUZZLE SHOWS YOU
12 PRODUCTS AND 12 EFFECT IMAGES.
 WHICH PICTURE BELONGS TO WHICH PRODUCT?



1 EUROLITE
LED B-40



2 EUROLITE
LED Z-2000



3 EUROLITE
LED TSL-1000



4 EUROLITE
LED SLS-30 COB



5 EUROLITE
LED TCL-150



6 EUROLITE
LED KLS Scan Next FX



7 EUROLITE
LED TMH-H90



8 EUROLITE
TMH XB-280



9 EUROLITE
LED TMH-S30



10 EUROLITE
LED TMH-W555



11 EUROLITE
LED Triple FX Laser Box



12 EUROLITE
LED KLS-180



Solution: 1+B; 2+J; 3+L; 4+E; 5+H; 6+D; 7+C; 8+F; 9+K; 10+A; 11+G; 12+I



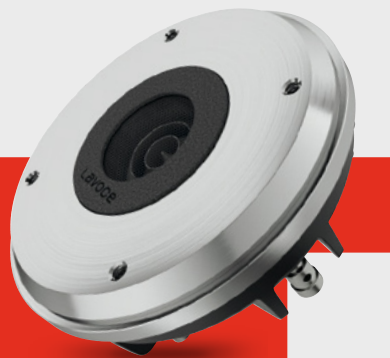
PURE POTENZA

DN14.300T

Engineered to compete at the highest level, DN14.300T adopts the LAVOCE Next Generation HF design approach and incorporates our patented Integral Input Surface phase plug topology, creating a high flux density 1.4" exit neodymium compression driver with evident low distortion and a very linear frequency trend to 20kHz.

DN14.300T is a perfect example of our comprehensive range of high performance HF and LF transducer products, all designed at our state-of-the-art R&D Center in Potenza Picena, Italy.

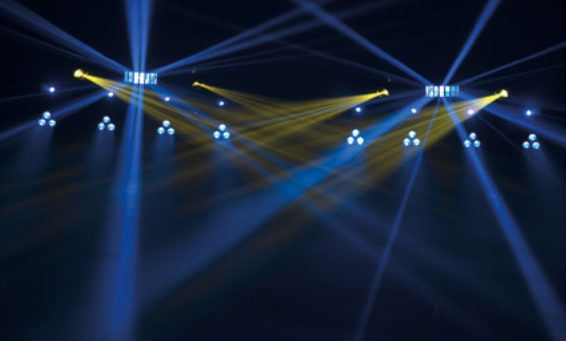
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- 220 W PROGRAM POWER HANDLING
- 75 mm (3 IN.) EDGEWOUND CCA VOICE COIL
- 109 dB/SPL SENSITIVITY
- 500-20000 Hz FREQUENCY RANGE
- 1200 Hz RECOMMENDED CROSSOVER
- TITANIUM DIAPHRAGM AND SURROUND



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Captain**
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More info in
this magazine!

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