

MOVE

The magazine for show technology **02|2020**

TAKE IT EASY

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DMX Recorder and Controller
in one device

24

Gift ideas
for Christmas



Going new ways
Podcast and Livestream

**Moving heads for all
requirements**
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Interview with Michael and
Stefan of MSK Event Gbr

Pimp your TRM
Andrea Bano builds
Omniwoodkits in Italy

STEINIGKE
SHOWTECHNIC

Mobile

Fogger

For Fog Anywhere, Anytime

MB-1



MB-20



MB-55



Editorial

Dear readers,
Thank you!

That had to be said before we start diving into this new issue of MOVE together. During the last months, we received a lot of positive feedback for our first issue this year. We're happy to see that you liked our magazine – and we hope to offer you the same good mixture of information and entertainment again this time.

Should we now talk about the elephant in the room? Of course we're aware of the fact that the situation of the industry is not funny at all at the moment. Since our last issue came out in February, so much has happened and at the same time, nothing has happened. A virus forces our industry, which lives from social gatherings and the fun of celebrating together, to stand still. In this moment, in which we're putting together this issue, it's still very unclear, when, how and if we'll be able to come back to our normality someday.

In this issue, we would have loved to write about the great concerts, festivals and outdoor events of this past summer, about joyful celebrations and DJs in summer mood. That doesn't work out now. But instead of giving up and mourning, we want to entertain you and direct your attention to other things. Absolutely Corona-free. And that's why this will be the last time you'll read this word in this magazine.

With this issue, we're virtually taking you with us to Italy, where Andrea Bano a.k.a. DJ Baxx turned his hobby into a profession and now produces classy wood-kits for the Omnitronic TRM Rotary Mixer. We're taking a look at the Halloween and Christmas season and the traditions around these holidays. We explain some abbreviations to you, which are frequently used in data sheets and can cause quite a headache sometimes. And of course, we also present you product news and add a little entertainment with a riddle.

We're already looking forward to receiving your feedback to this issue of MOVE magazine and wish you a good time browsing through it!

Your MOVE team

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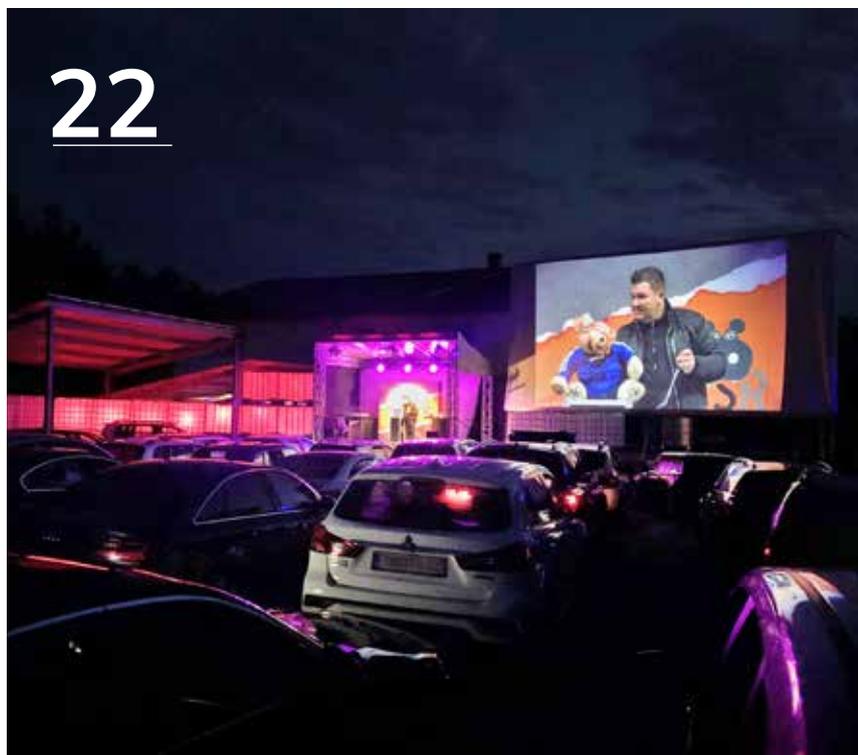
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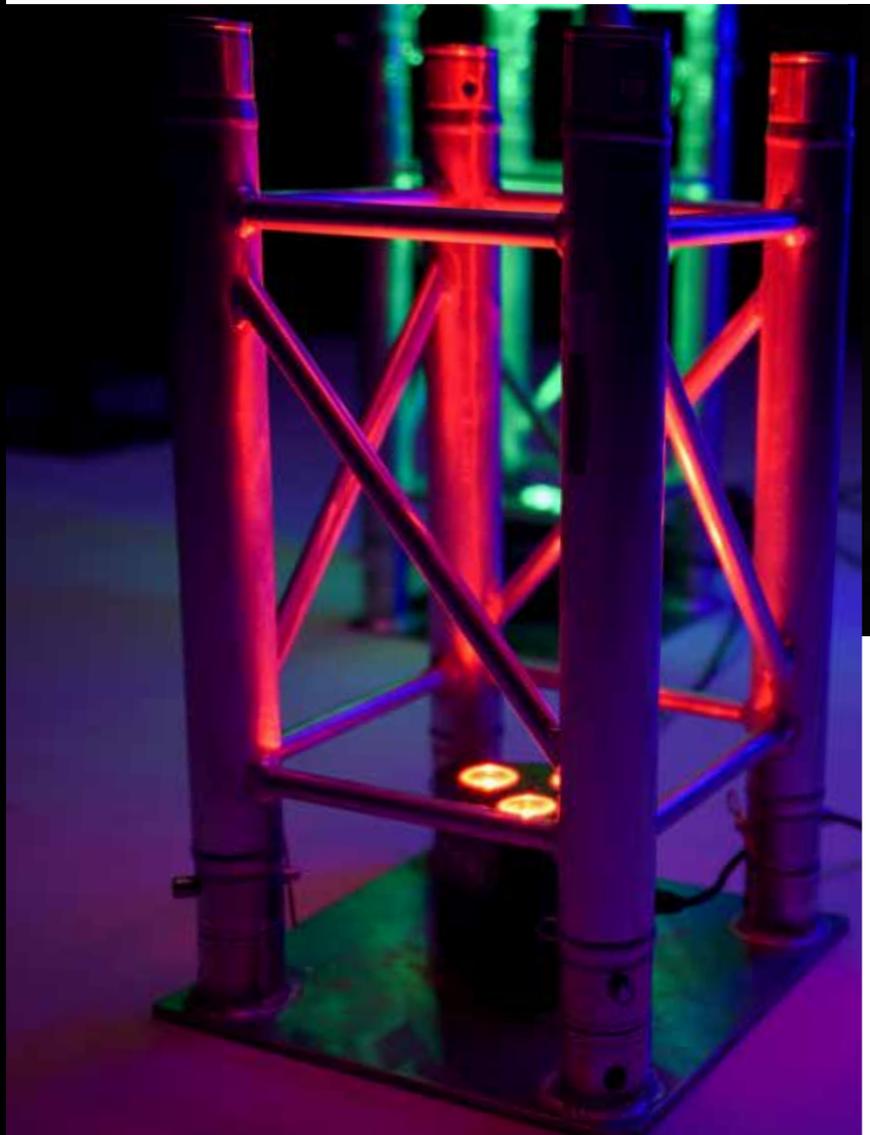
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Moving heads for the most diverse requirements

NEWS



EUROLITE AKKU TL-3 QCL RGB+UV Trusslight

Trusses are not just mechanical structures; they can also be used to create a striking effect with light. The TL-3 battery from Eurolite is now available for exactly this purpose. After only 3 hours of charging, the powerful battery supplies the device with the necessary energy for up to 16 hours. The light is generated by 3 powerful 3 Watt LEDs, whose color mixing is based on red, green, blue and UV. A phantom-powered socket makes the spot compatible to QuickDMX, with which the DMX signal can also be received wirelessly. A master-slave control via radio is also possible. An IR remote control is included in delivery. At the side of the spotlight there are threads on which a clamp for suspended truss mounting can be attached.





EUROLITE LED KLS Laser Bar Next FX Light Set

Bar with powerful spots, UV strobe LEDs, laser (RG, 2M), QuickDMX port and bag

find out more on page 54



EUROLITE N-250 Fog Machine

Eurolite extends its fogger series: The new fogger N-250 is currently the most powerful fogger of the manufacturer. The fogger is correctly used wherever a large amount of fog is needed: In clubs as well as on stages. Special extra: Thanks to a USB socket for connecting Quick-DMX, the device can be prepared for wireless DMX operation in no time at all.



EUROLITE

LED BAR-6 TCL WW/NW/CW Bar white

The LED BAR-6 TCL from Eurolite generates white light in a wide range of color temperatures. It features LEDs in cold white, neutral white and warm white and can be tuned continuously from 2700 Kelvin to 6000 Kelvin. The color rendering index (CRI) is over 90 for each LED color and the beam angle of 17° is ideal for setting accents, for example in streaming studios, small theaters, photo productions or for illuminating a buffet, for example.





New installation solutions

Omnitronic is launching new products for installation in the fall. Among them are four ELA mono-amplifiers with players, as well as three new ceiling-mounted speakers with metal chassis (CSH-Serie).

All mixer amplifiers (CPE and CPZ series) have connections for 70 V or 100 V ELA loudspeakers as well as for low-impedance speakers. They also offer integrated audio players with Bluetooth receivers for wireless music transmission from smartphones and FM tuners for radio reception. In addition, the CPZ series devices offer the possibility to control 4 separate zones.



OMNITRONIC CPZ-120P PA Mixing Amplifier

4-zone PA mono mixing amplifier, MP3 player, Bluetooth, zones switchable, 120 watts

also available as 60 Watt version



OMNITRONIC CSH 2-Way Ceiling Speaker

2-way coaxial speaker

Ø 20,4cm with 40 Watt RMS

Ø 26,7cm with 75 Watt RMS

Ø 32cm with 80 Watt RMS



OMNITRONIC RM-1422FX USB Rack-Mixer

With the RM-1422FXA, Omnitronic presents a compact power mixer for rack mounting. With the integrated USB audio interface, a 24-bit DSP unit and the integrated amplifier, the new mixer is not only super space-saving but also suitable for touring. It is suitable for small bands as well as for use at conferences and in meeting rooms.



OMNITRONIC MOM-10BT4 Speaker Bag
Protective bag for the MOM-10BT4 modular PA system



OMNITRONIC MAXX Sub & Sat Cover

Well protected

With the new protective covers from Omnitronic, dirt and mud no longer stand a chance: the manufacturer now offers matching covers for the MOM, WAMS, PAS and MAXX speaker series.



OMNITRONIC PAS MK3 Cover



OMNITRONIC WAMS-65BT Speaker Carry Bag
Protective bag for WAMS-65BT



PIMP YOUR TRM!



Rotary mixers are experiencing their second spring since a few years, especially in the electronic music scene. With their mix of classic feeling and affordable price, the TRM series by Omnitronic, for example, conquered DJ consoles and studios worldwide. In addition to sound and haptics, the users of the Rotary Mixers attach great importance to an attractive appearance of the devices. Andrea Bano a.k.a DJ Baxx from Italy has addressed this issue with his company Omniwoodkit. He produces woodkits for the

TRM-402 4-channel rotary mixer and the TRM-202 MK3 2-channel rotary mixer in various designs and wood types. The woodkit for your own mixer can be easily purchased from his online shop. As a long-time DJ, producer and Rotary fan, founding Omniwoodkit was a logical further step in Andrea Bano's career. We talked to the DJ and company founder about the Rotary hype, the needs of a DJ and the production of his woodkits.



American Walnut Rosewood Zebrano „Tigerwood“ Radica



Beech Black Beech White Beech





“The DJs would like to have a kind of hi-fi aesthetic in wooden form.”

**ANDREA BANO A.K.A
DJ BAXX
FROM ITALY**

How did you come up with the idea to release your own woodkits for the TRM rotary mixers?

I wanted to buy a rotary mixer and found some reviews about the TRM-202 MK3 from Omnitronic on the net. The price convinced me and I ordered the mixer. The mixer has inspired me directly. After a short time, I had the idea to modify the mixer optically. So I tried out different combinations of boards with different kinds of wood. Finally, I managed to put together a woodkit in red rosewood, which I liked very much. When I published the photos of the mixer with my own Woodkit in various social networks, my DJ colleagues were very enthusiastic. Many of them wanted me to make a Woodkit for their TRM. Omnitronic became aware of my Woodkits in October 2017. So they supported me from the first day on. Until today I receive daily inquiries and orders. I am very grateful for that!

What do you think is the reason for the current Rotary hype?

I think it has two reasons: The first is the desire for vintage objects that have a charm all their own. The second reason is the rudimentary equipment combined with a clean sound. A master isolator combined with the DJ's experience is enough to rock a dance floor and deliver an emotionally touching DJ set.

How would you describe your customers? What characterizes the DJs who order a Woodkit from you?

That is a good question. I think it's the search for a certain aesthetic. A wood kit has no influence on the sound of the unit. The DJs would like to have a kind of hi-fi aesthetic in wooden form. If you can say so. This is of course always subjective. I think whoever buys a woodkit from me does it for his personal satisfaction.

You are active as a DJ and producer yourself. In what way do your years of experience flow into your products?

I have been around for a long time and over the years I have seen technological innovations that have changed and advanced DJing.

But if you grew up with vinyl like me, you don't just throw the way you mix and the fascination for rotary mixers overboard. With my Woodkits I cover only a small part of the DJ-world, which is constantly developing.

Which products from your company Omniwoodkit can we expect in the future? What are your future plans?

For the TRM-202 and TRM-402 a sloped base will appear in the form of a kit. This includes simple supports in black. The wood will be medium density and will have an Omniwoodkit logo. With the pedestals, the mixer will remain firmly tilted without lateral support. This way the appearance of the unit is enhanced even without a complete woodkit.

The bases will be available in my online shop soon!



EASY GOING

The catering scene is demanding and often stressful. Café owners and their staff are constantly busy rotating between kitchen, guest and cash desk, bringing food and drinks to the tables without accidents and making friendly small talk along the way. What they certainly do not need is a complicated control system for their background sound system.



WIRELESS



DJP-900NET FROM OMNITRONIC

INTERNET RADIO INCL. AMPLIFIER FOR INSTALLATION

With the **DJP-900NET FROM OMNITRONIC** there is now an uncomplicated solution: The device connects radio, Internet radio including audio player and Bluetooth receiver with a **highly efficient Class D amplifier** with 2 x 460 watts of power. All you need to do is connect loudspeakers

and the Internet (via LAN or WLAN) - and **thousands of radio stations** are available worldwide. Should the radio program not be suitable, smartphones can of course also be connected via Bluetooth or cable. A microphone can also be connected for occasional announcements.

EQUESTRIAN HALL BIEBERBACH



SOUND REINFORCEMENT FOR HUMANS AND ANIMALS

Good sound is also needed here: In the horse riding hall in the village of Bieberbach near Coburg, pressure chamber loudspeakers and outdoor speakers from Omnitronic now do their job. The weather- and dust-proof devices reliably provide the right sound in the hall and on the riding arena.



OMNITRONIC ODX-SERIES

The ODX series speakers are manufactured in coaxial design and are operated with 100 V technology (ELA).



OMNITRONIC HS-60 PA Horn Speaker
Weatherproof horn speaker with tweeter



GOOD SOUND UNDER THE OPEN SKY

The Rheinlounge at Schierstein Harbor in Wiesbaden invites you to linger and relax with its unique location and view over the Rhine. The team used the summer of 2020 to redesign the sound system on the terrace. Now outdoor-suited installation loudspeakers of the ODP series as well as internet radio, amplifiers and distributors from Omnitronic are used.



Provide for good sound:

ZD-250 Zone Distributor, TUNA-NET 19" Internet Radio with DAB+ and Bluetooth and MCD-4008 8-Channel Amplifier (all from OMNITRONIC)



OMNITRONIC ODP-208T Installation Speaker 100V black

Weatherproof 8" wall speaker with mount, 37.5/75/150 W RMS



A TOUGH TEAM

OMNITRONIC MOM AND DAD

MOM and DAD are two systems under the brand of Omnitronic - and as the names suggest, they work best in combination. MOM forms the framework as a mobile loudspeaker system, while the DAD radio system makes MOM even more flexible in use.

As is so often the case, when it comes together, what belongs together; all of a sudden, things simply work even better. MOM and DAD thus form a dream team. Somewhat



OMNITRONIC DAD-4RX 4-channel receiver housing for MOM/DAD modules



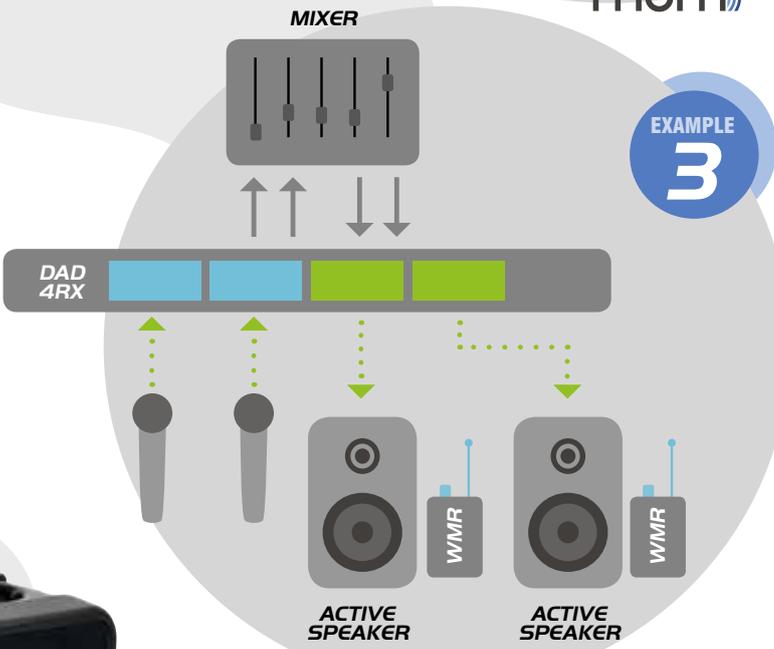
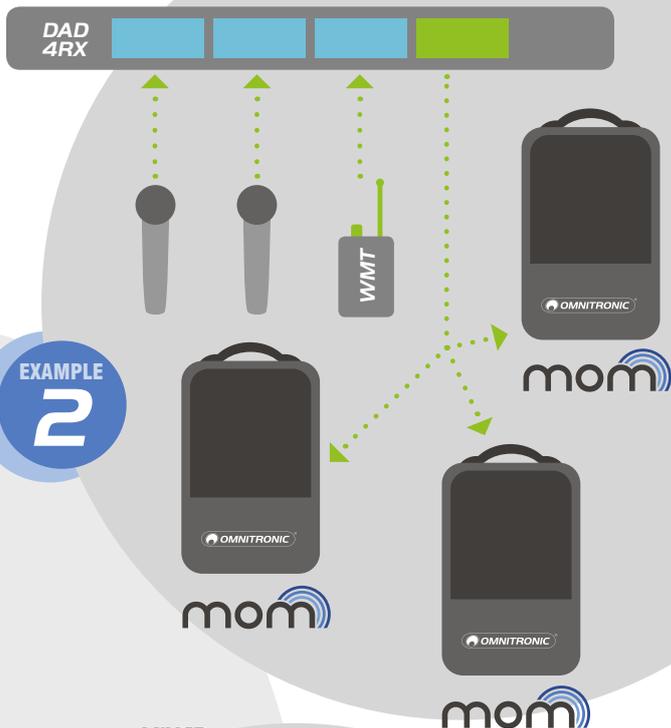
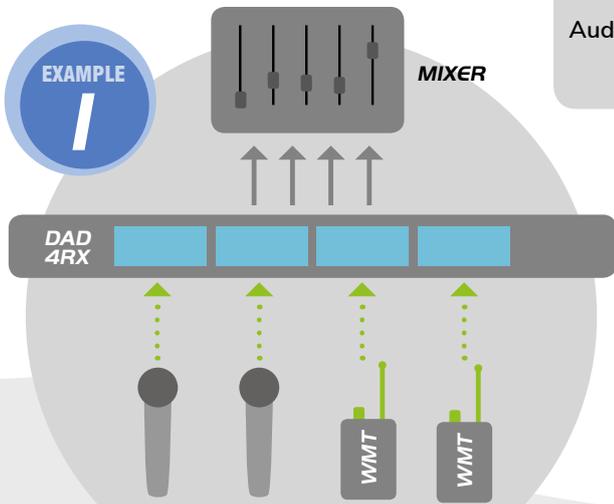
OMNITRONIC DAD Wireless Mic



OMNITRONIC DAD Receiver Module



OMNITRONIC DAD Audio Link Module



more technical and less romantically described can be noted: DAD is the performance update for the mobile system MOM from Omnitronic. For example, if you use a fully equipped DAD-4RX with three DAD receiver modules and one transmitter module, the signals from three wireless microphones can be sent together to different MOMs. Press conferences with three speakers can thus be implemented easily and quickly. But the combination of MOM and DAD is also convincing at concerts, school theater performances and for wedding DJs.

The WMT radio transmitters and WMR radio receivers from Omnitronic are compatible with the MOM/DAD system. This offers additional flexibility: Common standard active boxes can be connected to the system of MOM boxes and DAD radio transmitters with a connected WMR receiver.



OMNITRONIC WMR-2M UHF Receiver, mono

OMNITRONIC WMT-2M UHF Transmitter, mono

For radio transmission of audio line and microphone signals with a transmitter to one or more receivers



MOM-10BT4 | Modular Wireless PA System

Are you on the road as a street musician or do you want to use the box at conferences?

The MOM-10BT4 is a small, mobile sound system with a modular design. You can adapt and expand the 2-way system (10") perfectly to your needs. You need more microphones or a CD/MP3 player? Basic, business or full equipment: Equip the MOM according to your needs.

GOING NEW WAYS: PODCASTS AND LIVESTREAMS

They are more popular than ever before: Podcasts and livestreams are sprouting up everywhere. No wonder, because publishing content in this form has decisive advantages for both producers and consumers. Put simply: Podcasts and livestreams are relatively easy to produce and can then be accessed regardless of location and time. Whether it's a political discussion round, live concert or interview: Content is uploaded to the Internet and can then be accessed worldwide at any time.



Podcast:

Report, (radio) contribution or similar, which is offered as audio file in MP3 format on the Internet for downloading or streaming.

In order to produce a Podcast today, it does not need much: In the Internet you find free software quickly, which is sufficient for the entrance into the Podcast business. If you want to make as little effort and investment as possible, all you have to do is connect a USB microphone to your computer, place it on a table tripod and start in a room that is as quiet as possible.

If you want it a little more professional and don't want to scare off your listeners with ambient sounds or disturbing noises, it is best to use a pop filter, which dampens the hissing and clacking sounds from speech, and an absorber

system, which reduces ambient noise. It is also worthwhile investing in a condenser microphone. Instead of going directly to the computer via USB, you can also connect the microphone and an additional source (e.g. the microphone of a conversation partner or music) to a USB mixer, which is then connected to the computer. The more inputs the mixer offers, the more design possibilities you have.

By the way: A good pair of headphones should also be part of the podcast production. After all, it makes sense to check the sound quality already during the recording and not to find errors only when listening to the result.

Set small:

OMNITRONIC KS-4 Table Microphone Stand

Compact table stand, can be retracted, extendable from 105-155 mm

OMNITRONIC Partymic-1 Dynamic Microphone

Simple dynamic microphone including XLR/jack cable

OMNITRONIC Microphone-Pop Filter, black

Microphone pop filter for studio applications

OMNITRONIC SHP-900 Monitoring Headphones

High-class monitor stereo headphones

OMNITRONIC MRS-502USB Recording-Mixer

Miniature audio mixer with USB interface



Set big:

OMNITRONIC MIC CM-77 Condenser Microphone

Condenser microphone for professional studio and live applications

OMNITRONIC AS-01 Microphone Absorber System

Microphone absorber system for studio and live applications

OMNITRONIC MRS-1002USB Recording Mixer

Compact audio mixer with 10 inputs and USB interface

OMNITRONIC SHP-900 Monitoring Headphones

High-class monitor stereo headphones

OMNITRONIC Microphone-Pop Filter, black

Microphone pop filter for studio applications

Livestream:

A television or radio broadcast transmitted in real time via streaming, which can also be listened to or viewed with a time delay.

If you not only want to be heard, but also seen in real time, the best option is to switch to live streaming. Nowadays, it is very easy to start so-called live videos on many social networks and platforms on the Internet. In the smallest version of live streaming, all you need is a modern smartphone or tablet and an Internet connection to get started. The livestream will be more professional and more beautiful to watch if you make sure that the surroundings are well lit and that the sound is good. Attention: If you want to use LED spotlights for lighting, it makes sense to invest in good, flicker-free devices. Otherwise the content may be as good as it is - the viewer will switch off.

For good sound, basically the same rule applies as for the podcast: It's best to put just as much emphasis on the right audio technology for the livestream as for an event with an audience on site. So the miking for a band playing an online concert is the same as for a „normal“ concert. The best way to get the sound into the computer is to use a mixing console. The more people are involved, the more technical effort is required.

From a one-man live stream from the living room at home to an online live concert of a band, everything is technically possible. While in the former case the effort is kept within manageable limits, a larger livestream production requires almost as many technicians as a „real“ concert with an audience on location.

Light Set small:

EUROLITE LED SLS-30 COB WW Floor

LED floor spot with 30 W COB LED in WW, incl. IR remote control

ALTERNATIV:

EUROLITE LED CBB-2 COB WW Bar

LED light effect bar with WW COB LEDs, incl. IR remote control

OMNITRONIC Speaker Stand BOB System

Speaker stand for BOB speakers, extendable up to 170 cm

Knob M10 Cross handle Plastic



In the future, online formats such as podcasts and livestreams will certainly increase. It is possible that in just a few years we will be taking part in a concert thousands of miles away „live“ via VR glasses. In any case, the beginning has now been made.





Light Set big:

EUROLITE LED PLL-360 3200K Panel

Surface light with 360 warm white LEDs and DMX

EUROLITE LS-1 EU Steel stand

Lighting stand made in EU, w/o T bar, max. load 30 kg, height 145-315 cm

EUROLITE LS-1A1 Adapter for LS-1

Universal adapter for lighting stands LS-1 and LS-1T

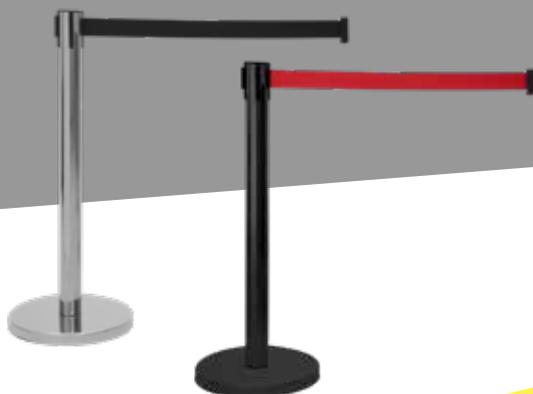


THIS WAY, PLEASE!

Whether in front of ticket counters or at the entrance control: Where there are many people lining up, a guidance system helps to avoid chaos. New hygiene concepts and regulations are now even making it essential to direct larger crowds of people into regular lanes and create

distances between individuals. In the simplest case, of course, warning tape can be used for this purpose - but this option only makes sense for very short-term setups and is also not very environmentally friendly. Here we present some more durable or reusable solutions.

ELEGANT AND FLEXIBLE: BARRIER SYSTEMS



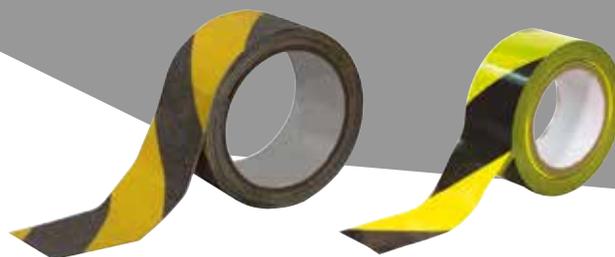
The classic barrier systems with belt are flexible and unobtrusive. They blend into the overall picture in front of ticket offices as well as on the red carpet or in front of hotel and shop entrances and create order without disturbing. The systems (for example from Eurolite) are available in various designs and belt colors. They can be used for many years and can be expanded as required.

EUROLITE barrier system with black or silver metal surface and black or red retractable strap

Distance zones and walking paths can be quickly and durably marked with step- and tear-resistant marking tapes. Particularly striking are the yellow-black versions, which with their PVC surface can withstand even long use.

Marking Tape Antislip
Marking Tape PVC yellow/bl

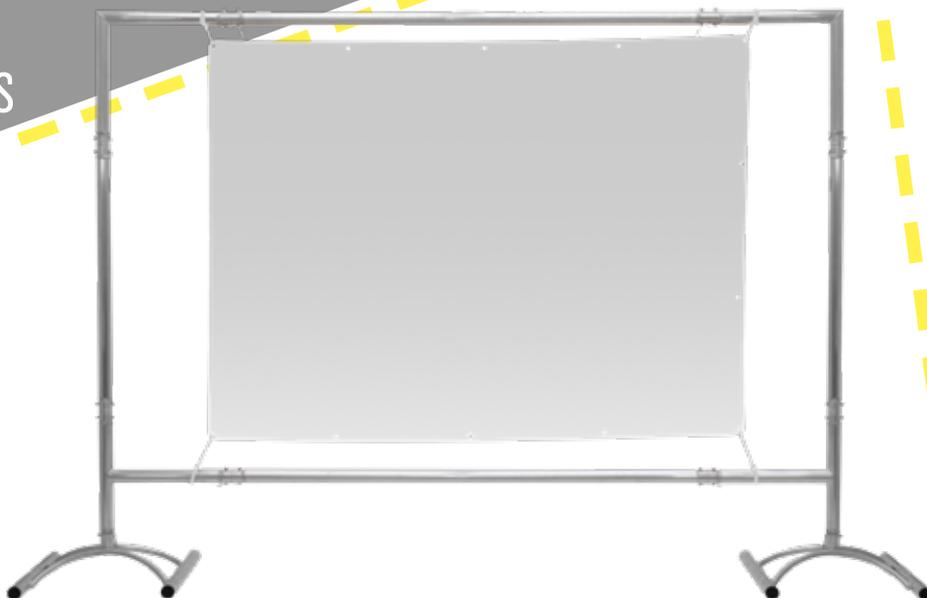
CLEAR ROUTES: MARKING TAPE



UNMISSABLE: PARTITION WALLS

Do you want it a little bigger and more striking? Then the partition wall frames made of Singlelock from Alutruss are the right choice. The system consists of a frame built of single-pipe trusses. There are stable feet on the sides. In the middle, fabric or tarpaulin banners can be attached using clamps, so that the resulting partition wall can be made transparent or opaque.

ALUTRUSS Set SINGLELOCK Divider
3.35 x 2.15m, expandable



CLEARLY VISIBLE: CABLE BRIDGES

Noticeable cable bridges not only prevent tripping and accidents, but also indicate routes and transitions.

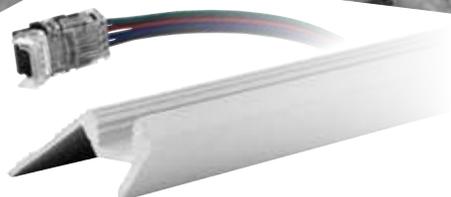
EUROLITE KB-3 Cablebrigde 3 Channels
900x500x70mm



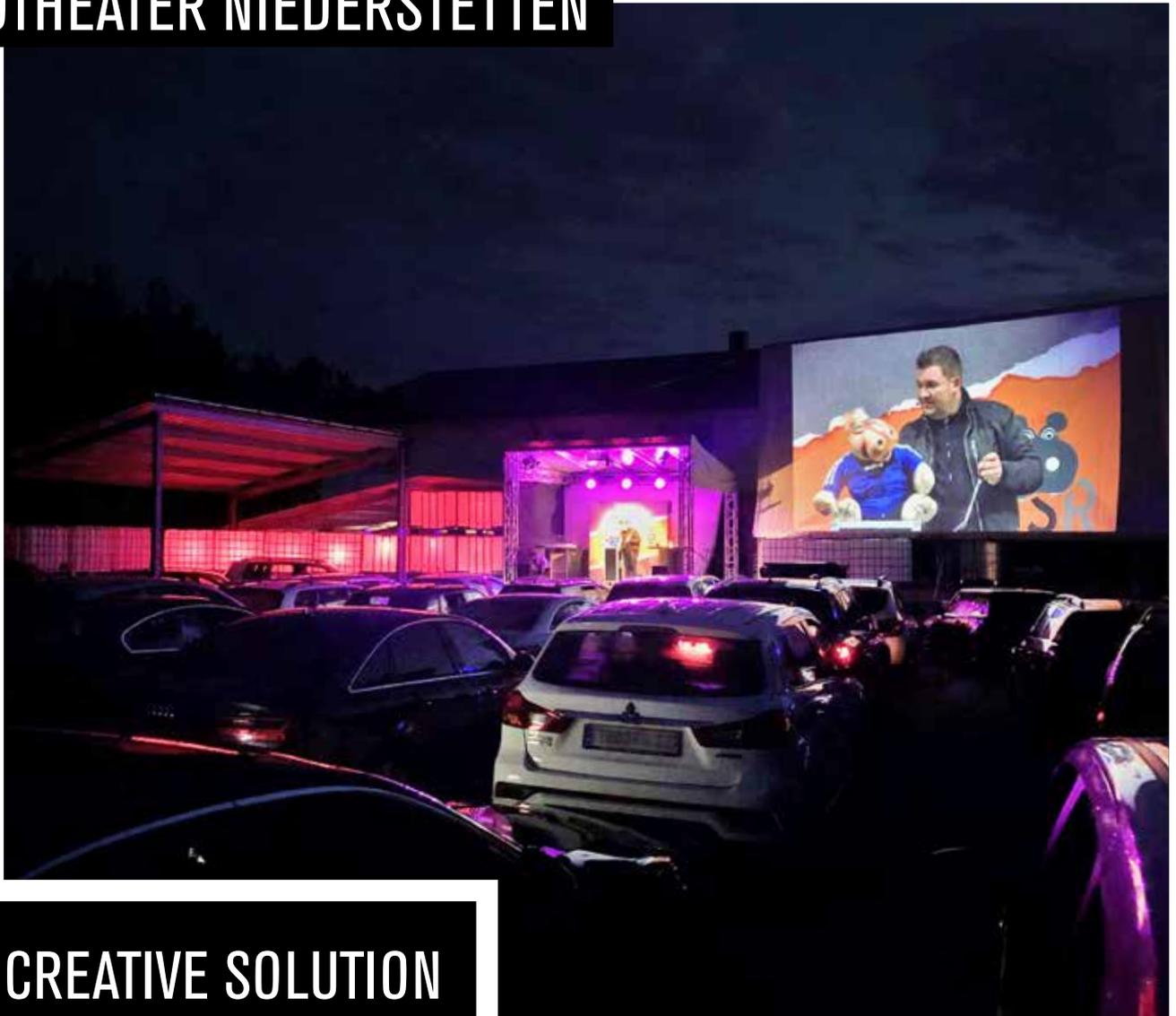
EYE CATCHER AND PERMANENT SOLUTION: LED-STRIPS

If the guidance system is to be installed permanently, for example to display walking routes in clubs, LED strips recessed in the floor are ideal. In this case, the LED strips are installed in the floor with the help of a recessed rail and covered with a clear or milky cover. If the strips are connected to the lighting control in the club (e.g. with the MADRIX software), they can also be integrated into the light show.

EUROLITE LED Strip 300 5m 5050 RGB/WW/CW 24V



AUTOHEATER NIEDERSTETTEN



CREATIVE SOLUTION

In Niederstetten in Baden-Wuerttemberg the company Lightning Veranstaltungstechnik realized in cooperation with the city of Niederstetten a so-called „Auto-Theater“, where various events took place. Among others, the ventriloquist Sebastian Reich performed there with hippopotamus lady Amanda. Spotlights and fog machines from Eurolite provided the appropriate atmosphere. By the way: The Auto Theater is mobile and has even been used for church services and a (car) wedding!

Among others the following devices were used:

EUROLITE Dynamic Faze 700 Fazer

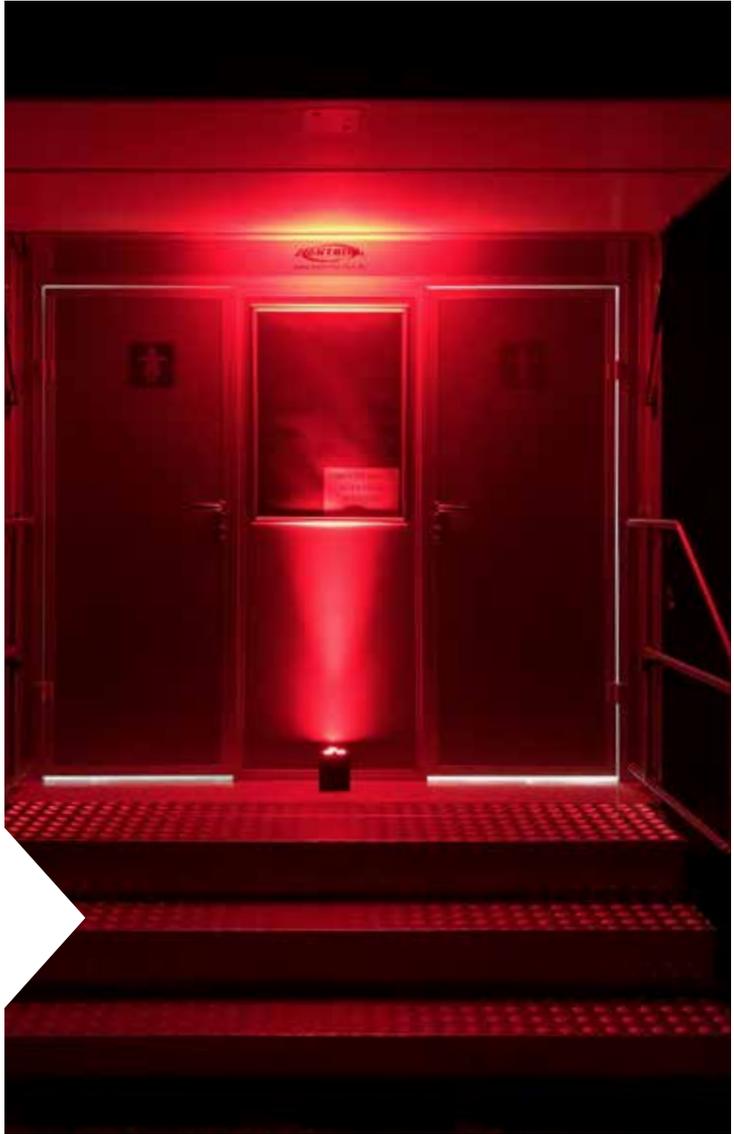
EUROLITE LED PAR-56 TCL

EUROLITE LED IP FL-150



Could also get a place:

EUROPALMS Halloween Skeleton



EUROLITE AKKU TL-3 TCL
Trusslight QuickDMX

Wireless, flexible and versatile



TOTAL FREEDOM:

Wireless master-slave operation via QuickDMX

In the truest sense of the word „completely detached“ are many battery-powered spotlights from Eurolite: They not only do not need a power cable, but also have a radio DMX module installed. They can therefore be set up completely unbound. Nevertheless they are centrally controllable:

A Quick DMX transceiver makes this possible. A transceiver is both a transmitter and a receiver. So these spotlights not only receive DMX signals, they can transmit them as well. This allows the first fixture to be defined as the so-called master, which then controls all other fixtures, the so-called slaves. And this completely wireless.

FAQ

Which transmitters can be used for QuickDMX operation?

Generally all Eurolite QuickDMX transmitters or transceivers. These are available in different designs and with different connection options. With one transmitter a whole DMX universe, i.e. 512 DMX channels, can be operated. In total there are 6 different transmission frequencies available, which can be chosen freely.

Is it possible to mix spotlights with internal receiver and spotlights with external receiver?

If you have some spotlights with an internal receiver and other spotlights are connected to an external receiver,

you can of course address both variants from one transmitter. The only important thing is that it is the Eurolite QuickDMX system.

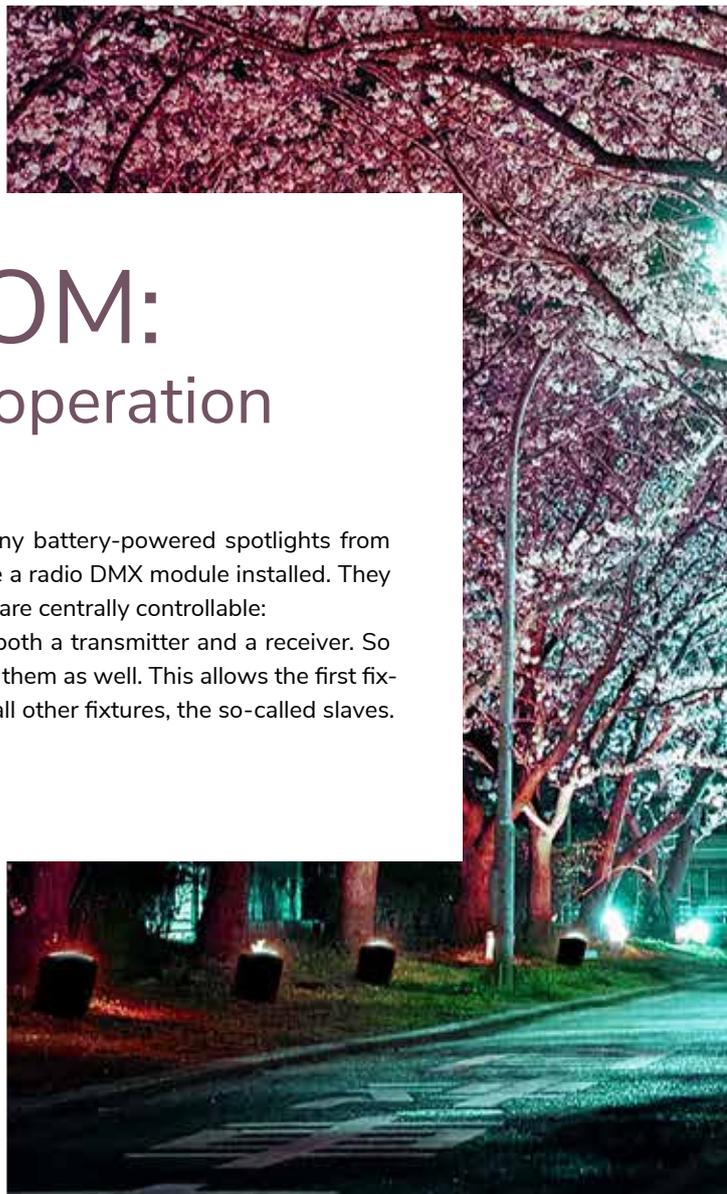
Is it also possible to go into master-slave operation via internally installed QuickDMX transceivers?

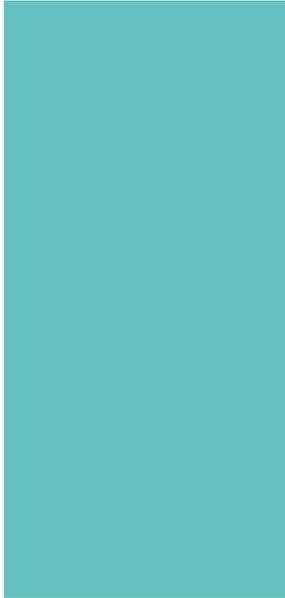
Yes, for this reason transceivers have been installed. You just have to set one light to be the “master” which sends the signal and the others all as “slaves” which receive the signal. In addition, all devices must of course be set to the same transmission frequency. If the spotlights are coupled in master-slave mode, they all react in the same way, regardless of whether the master is

set on the display or with the remote control.

Does the wireless master-slave operation also work with different spotlights?

Actually, the master-slave operation is only intended for using identical luminaires. However, if different fixtures have identical functions and DMX protocols, they can also be combined in master-slave mode.





QuickDMX for everyone! Eurolite offers the QuickDMX transmitters and receivers as three and five pin versions. There is also a mini transceiver with USB connection.



EUROLITE AKKU Dot 1 RGB/WW
QuickDMX black



EUROLITE AKKU UP-7 QCL
Spot QuickDMX



EUROLITE AKKU IP PAR 14 HCL
QuickDMX



EUROLITE TMH XB-280
Moving-Head-Beam

It can be used as a skybeam at events like these

WINE CULTIVATION AREA IN NEW BRILLIANCE

As an alternative to this year's wine festival in Nierstein (Germany), the team of Aurora Eventtechnik came up with something very special: They bathed the famous vineyard „Roter Hang“ with an installation in atmospheric light. The battery-powered spotlights from Eurolite made the team's work immensely easier, because no additional power generator had to be used.



EUROLITE AKKU IP UP-4 QCL Spot QuickDMX
Weatherproof (IP65), Uplight with 4 x 10 W 4in1 LED, QuickDMX & diffusor disk

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Trick or treat! The Story of HALLOWEEN

Houses are decorated with witches, pumpkins and cobwebs, Halloween fans throw parties and children dress up: Nowadays, this spooky and funny way of celebrating into November is no longer limited to the USA and Ireland alone. Halloween is also becoming more and more popular in Europe - and not only among children.

But why is the festival on October the 31st actually celebrated and what is its origin? One thing is certain: The word "Halloween" is derived from "All Hallows' Eve", the evening before All Saints' Day. So far, so good. But where today's traditions developed from is disputed. There are two theories:

One theory is that Halloween is nothing more than the eve of All Saints' Day and therefore belongs to Catholic tradition. It was widely believed that on that evening the barrier between this world and the next would be overcome by the dead. According to tradition, fires were then lit and various culinary delicacies were prepared to greet the deceased relatives. However, there was also fear of the spirits. Therefore, the Irish dressed up as terribly as possible that night so that





TRICK OR TREAT

EUROPALMS
Halloween Tombstone
Set „Cemetery“

Six-piece gravestone set



the dead and ghosts would not recognize them as living and walk past them. So the masks and disguises served as a deterrent. The Irish emigrants eventually introduced their tradition to America, where habits such as pumpkin carving, “trick-or-treating” and the creepy disguises became established and are now spilling back into the Old World.



EUROPALMS
Halloween Tombstone Set

Threepart tombstone set



EUROPALMS
Halloween Skeleton

Realistic halloween skeleton



EUROPALMS
Halloween hanging reaper 150cm

Reaper figure for hanging



EUROPALMS Halloween Pumpkin, 31cm

Pumpkin with monster face



EUROPALMS Halloween Pumpkin in Spider Web, 25cm

Woven pumpkin for hanging or lying



EUROPALMS Halloween Skull Pumpkin, 26cm

Pumpkin with skull mask for hanging or standing



EUROPALMS
Halloween figure skeleton moldable
 Godfather death

EUROPALMS
Halloween figure bat ghost 85cm
 Ghost bat with red eyes



HALLOWEEN

The other theory links Halloween to the old Celtic holiday "Samhain", the end of the warm, bright summer and the beginning of the cold, dark winter. In the Celtic calendar, this day, or more precisely the night of October 31st to November 1st, symbolizes the turn of the year. Just as in the first theory, it is now stated that for the Celts the gap between their earthly existence and the world of the dead was at its narrowest at this time. In order to prevent the dead from returning and causing problems for the living, large bonfires were lit or people dressed up in scary costumes. It was also believed that it was helpful to protect your own house with light.

When the Romans invaded the British Isles and tried to establish Christianity, they used the old Celtic festivals and redefined them as Christian. Thus, in 835, Pope Gregory IV moved the feast, originally set in the Easter season, to the

first of November to honour all the saints. However, the nature of the celebration did not change despite the new title. Thus the old traditions were continued and also brought to the New World, from where they gained an ever-growing following all over the world.

Whether one theory or the other is true, it is clear that Halloween is a popular reason to celebrate these days. This works best with the right decoration. In the assortment of the Europalms brand you will find a wide range of suitable decoration - from the child-friendly version with laughing pumpkins to the scary skeleton with sound effect. So your own Halloween party will definitely be a complete success!



EUROPALMS Halloween Witch,
Nahema, 160cm

Animated standing figure with LED eyes



EUROPALMS HALLOWEEN DANCING
GHOST, 46CM

Animated horror doll with light and sound effect



EUROPALMS Skull lantern 39cm

Hanging skull decoration

GROUND FOG WITHOUT ICE:

Ground fog is used everywhere: at weddings, in television studios, on theater and show stages. Until now, however, the use of ground fog machines has often been complicated or even risky because dry ice was used. With the WLF series from Euro-lite these objections are a thing of the past: Thanks to the built-in ultrasonic technology, dry ice or ice is no longer necessary. The filled water is atomized by ultrasound and mixed with the mist generated from conventional fluid. This makes the mist cooler and heavier - it stays on the ground.

EUROLITE WLF-2500

Water Low Fog PRO

High-output floor fogger in a case with ultrasonic technology



Professional, strong and versatile

With 2500 watts of power, the WLF-2500 has a lot of power. The user can choose between operation via DMX, with a radio remote control or via the machine's integrated timer. Two outlet hoses ensure a wide range of possible applications: So the outflowing ground fog can also be directed in two different directions. If necessary, the machine can also replace a normal fog machine: The „low fog“ function is then switched off manually so that the fog does not sink to the ground.



Robust, economical and uncomplicated

The fog machine is built into a robust case. The fluid tank is removable and thanks to a drain device for the water tank the machine can be emptied easily and quickly. It is therefore suitable for use in discotheques and at large wedding celebrations as well as for touring. A low fluid consumption rounds off the overall package and makes the machine an economical companion for all professional applications.

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Raise the curtain

New theater spots from Eurolite

New light for the boards that mean the world is now available from Eurolite. The „LED Theatre 100“ series offers high-quality stage lighting at a fair price. The spotlights equipped with a bright, 100 watt COB-LED are especially designed for small and medium-sized theaters, but also show stages and similar applications. The spotlights are available in a warm white, a warm and cold white and a four-color version.

The warm-white version of the spotlight offers a color temperature of 3100 Kelvin, while the alternating warm version allows the color temperature to be tuned from 2500 to 5600 Kelvin. Both are characterised by excellent color rendering with a CRI of 95. The white light therefore appears extremely natural and does not produce any color distortions, green or gray shades.



WW

EUROLITE LED Theatre COB 100 WW



WW/CW

EUROLITE LED Theatre COB 100 WW/CW



RGB+WW

EUROLITE LED Theatre COB 100 RGB+WW



The four-color version is based on QCL LEDs with the colors red, green, blue and warm white. The color mixture is very homogeneous and provides both trendy colors as well as soft pastel shades and very useful white images. So the spot is an excellent compromise between colored and white light.

Despite the low price range, Eurolite paid attention during the development of the new theater spotlights to ensure that relatively quiet fans are used. Also a clean dimming, which does not suddenly break off, is on board.

The scope of delivery includes fixed barn doors with 4 panels. The hanging bracket is doubled and can therefore also be used as a floor stand for setting up the spotlight. The power connection is via P-Con - the spotlights also have a corresponding output to pass on the power. In addition to the three-pin XLR connectors for DMX control there is also a special USB socket. A Quick-DMX USB plug can be connected to this socket, which equips the spotlight for wireless DMX operation in seconds.





Lights Technical specifications and their meaning

Many interesting details are hidden in the information that customers find on the packaging or in the advertising for a particular spotlight. But in the abundance of data, one sometimes loses the overview. We have compiled a list for you of which details mean what and why they can be important in the purchase decision.

Beam angle



At first glance, the beam angle is a fairly clear thing: it indicates how wide the light of a spotlight is emitted. But if you have a washlight, i.e. a soft light, it suddenly becomes more difficult. Because the washlight becomes gently darker and darker towards the outside and has no clear demarcation. Where is the measurement made here?

The answer sounds complicated, but it is logical: the beam angle is measured here when a certain percentage of brightness is reached and this is done in two measurements. Thus, a value is obtained that indicates the so-called ½ peak and a value that indicates the 1/10th peak. Thus, in the ½-peak measurement, the angle is measured at which 50% of the maximum brightness is still reached, in the 1/10-peak measurement only 10% of the brightness is measured.

Manufacturers such as Futurelight and Eurolite usually provide both values. For zoom spotlights, the maximum values are usually indicated. But often, the technical specifications also contain the broken down data of the different measurements. This way, every customer can understand exactly which values were obtained with which measurement method.

DMX channels



Here you can see the number of DMX channels needed to control the spotlight. If several data are entered here, there are different DMX modes from which the most suitable one can be selected.

Color temperature



For white spotlights, the color temperature indicates the character of the white light. If the color temperature is rather low, at 2600 to 3200 Kelvin, the white light is rather warm, i.e. reddish. If the color temperature rises, the light appears colder and colder, i.e. bluish.

If you ask yourself why this is a “temperature indication”, the following background knowledge should be given: This is due to the original determination of the value. For this purpose a black metal, the so-called Planckian radiator, was made to glow. Metal begins to glow deep red when heated - and the color changes more and more to a cold-blueish as the temperature rises. The metal was heated until it glowed like the object to be compared, and then the temperature of the metal was measured.

By the way, one speaks of warm white at values of up to 3300 Kelvin. Neutral white then corresponds to color temperatures of 3300 to 5300 Kelvin; anything above this is called cold white. The two natural extremes are, on one side, a can-

dle flame that has just about 1600 Kelvin and, on the other side, the apparently blue, cloudless sky. This blue is actually a white with a color temperature of over 10,000 Kelvin.

Color rendering index (CRI) CRI>90

The Color Rendering Index (CRI) indicates how good the colors of the illuminated object appear in white light or how good the quality of white light is. The problem with white light is that complex color structures such as human skin appear greyish, greenish or simply pale in "bad" white light. If one wants to see the illuminated object with healthy, natural colors, one should pay attention to a high color rendering index. This should be over 80, for professional requirements even over 90. If no CRI value is given for spotlights, one must assume that the value is below these ranges.

Flicker Free FLICKER FREE

Most LEDs are controlled by a process called pulse width modulation (PWM). This means that they turn on and off very quickly in a way that is not visible to the human eye. Dimming is also regulated by this method. The LED light does not actually get darker; it is only off longer than on. In combination with cameras, however, this can lead to a problem: Because cameras also record images at a certain frequency. If the pulse-width modulation frequency of the spotlight conflicts with the frequency of the camera, this can cause the moving image on the recording to flicker as if illuminated by a stroboscope or stripes which run through the image. If an LED spotlight is described as flicker-free, these fixtures feature a particularly high frequency. With some devices you can also adjust the frequency. Attention: For recordings in slow motion you need even higher frequencies. These are usually only offered by special spots that are made especially for film and TV recordings.

IP class IP20 IP44 IP65

The IP protection class indicates how well a spotlight is protected against the penetration of things or moisture. IP stands for Ingress Protection. Frequent protection classes in our industry are IP 20, IP 44 and IP 65. A normal spotlight for indoor use would be marked IP 20; it is protected against ingress with a finger, but has no moisture protection. An IP 44 floodlight is protected against the penetration of objects larger than one millimeter and against water spray, i.e. normal rainfall. If the spotlight is rated IP 65, it is fully protected against the ingress of objects and dust - and also against water jets. Even a heavy thunderstorm shower or the direct water from a garden hose cannot harm it. Very rarely are there devices with IP 67 and IP 68, which can then be submerged temporarily or for longer periods of time. Fun Fact: By the way, sometimes it makes sense to use an IP 65 spotlight indoors as well. These floodlights are

often fanless, so they don't make any noise and no dust can penetrate, so they can't get dirty inside.

Laser class LASER 2M LASER 3B LASER 4

Laser classes offer a very important distinguishing feature for all products that use laser light. Because the laser class determines whether, how and where a device can be used or not. In combined fixtures with laser, for example the KLS Laser Bars from Eurolite, a laser of class 2M is installed. Effects of this kind may be used without a laser safety officer and without prior notification. You only have to pay attention to a minimum distance. These lights also do not need an emergency switch or safety key.

The situation is different with class 3 and class 4 lasers. You have to register these with every change of location. You have to prove that you have enough knowledge to use this laser. This knowledge is obtained by completing the course to become a "laser safety officer". In addition, safety distances and emergency switches must be implemented. The associated costs and effort are usually not worthwhile for small mobile applications. Class 3 & 4 lasers are therefore more suitable for fixed installations in clubs and for larger events.

LED type LED RGBY RGBWAP

The power rating in watts for LEDs should not be equated with the brightness. As is customary in the industry, the LED type is specified here first, i.e. how much power the LED can tolerate under ideal conditions. In practice, however, it is possible that the LED is run with considerably less power, for example to avoid overheating the spotlight. There are also LED circuits in which individual colors are driven with more power than when they are used in combination. And finally, there are more effective and less effective LEDs. So a spotlight with a 20 Watt LED can still be significantly brighter than another spotlight with a 40 Watt LED, depending on the control and type of LED.

RDM RDM

RDM stands for Remote Device Management. This means that you send a command via the DMX cable and also receive a response from the fixture. For example, you can read spotlight information or change the DMX start address. A necessary condition for this is that the controller, the fixture and all DMX splitters connected between the controller and the fixture are RDM-capable.

The face behind hazebase

Interview with Uta Raabe - founder of hazebase



How did it all start with you?

I have been in the sales and support of fog machines since 1991 and can therefore look back on a very long experience in the industry. In 2007 I founded the company hazebase in Wedemark. Since then, hazebase has been supplying professional fog machines, hazers and fogging liquids.

What will happen in the future with hazebase?

In order to expand our product leadership in the fog and haze sector even further, we decided to break new ground with hazebase in 2020. I am very much looking forward to working with Rüdiger Kleinke and Henning Kluge - both owners and engineers of Jumptronic - as both have many years of experience in the development and production of hazers and fog machines.

Also in the hazer / fog machine sector hazebase is very active. Parallel to our hand sanitizer dispenser we have developed an IP64 fog machine with 3300W (Power ConTRUE1) with a heating time of only 2 seconds - the ultimate. This product is already in series production.

Our customers can be curious about innovative products with many new features. hazebase is pleased to continue its person-oriented sales structure on the known and trusted basis.



How are you dealing with the current situation regarding the pandemic?

Within a very short period of time we have jointly developed a contact-free dispenser for hand disinfectants on the market. This is not only optimally applicable in the event technology, but is also very well suited for the retail trade. German R&D, made in Germany - like all hazebase products -, made of stainless steel and in a very attractive design: the raccoon.

www.hazebase.de | info@hazebase.de



RACCOON TOUCHLESS ONE

The touchless disinfection dispenser made of stainless steel

- TOF Laser Distance Sensor
- 7,2 Ah/12V AGM battery
- Battery life: approx. 5000 cycles
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- www.raccoon-online.eu

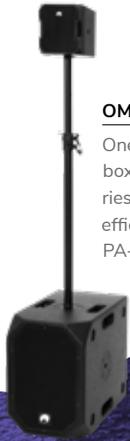


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OMNITRONIC BOB

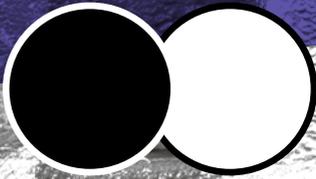
One for all. With the boxes of the BOB-series you get a compact, efficient and economical PA-system.



BIG SISTER

MOLLY

**AVAILABLE IN
BLACK OR WHITE**



A BIG SISTER WHO STEPS IN, WHEN THINGS GET DIFFICULT FOR THE LITTLE BROTHER

That doesn't only exist in real life, but in the audio field now as well. The latest speaker system from Omnitronic is named MOLLY and is at first glance recognizable as a relative of the BOB system presented in April. What makes the two optically different: MOLLY is a little more rounded and bigger. And also the inner values are a bit more mature compared to BOB:

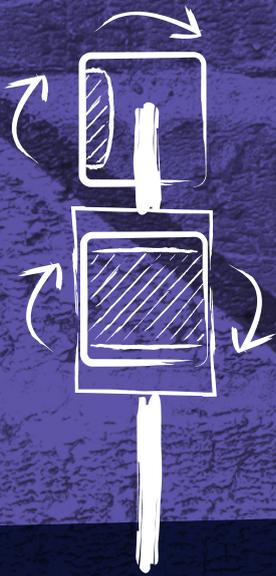
While BOB is equipped with 4" tops and 10" subwoofers, MOLLY brings 6" tops and 12" subwoofers. Both systems are super flexible in use: for permanent installation in bars, restaurants and shops as well as mobile, for example for weddings. Wherever „a little more“ is allowed, Molly is the right choice.



Assembly

In no time at all, the speakers can be mounted on a pole or tripod stand so that the satellites can be perfectly aligned with the audience.





4.1

MOLLY 6

Up to four tops from MOLLY can be operated with one subwoofer - making the system ideal for installation in guest and party rooms, for example. Even mobile DJs, who play larger parties and events, will be pleased about the possibilities Molly offers: The system is compact enough for mobile use, but strong enough for larger parties.

MOLLY 6

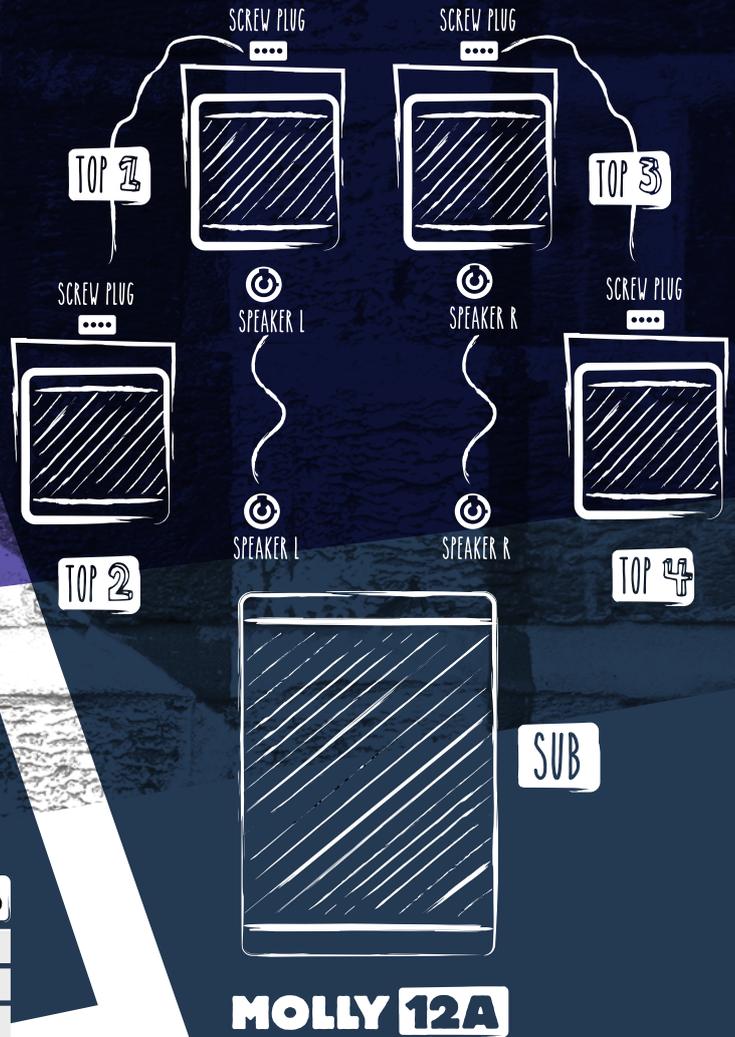
Specifications

Rated power:	130 W RMS
Program power:	260 W
Frequency range:	150 - 20000 Hz
Sensitivity:	95 dB (1W/1m)
Max. SPL:	119 dB
Impedance:	8 Ohm
Connections:	1 x via Speaker built-in socket (f) 1 x via screw terminal
Speakers:	1 x woofer (6.5") approx. 17 cm, Voice coil (1") approx 2,5 cm 1 x Tweeter (1") approx 2,5 cm
Weight:	3.85 kg

MOLLY 12A

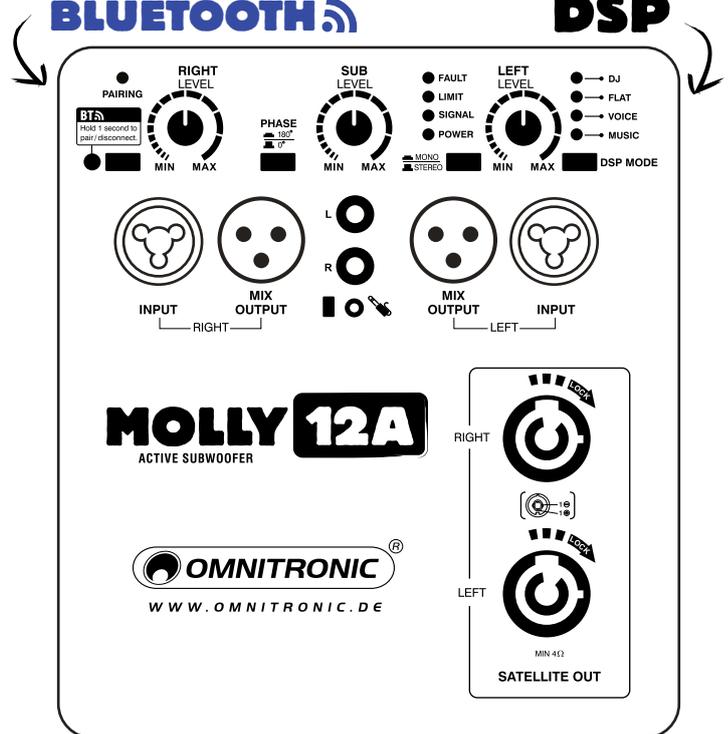
Specifications

Power consumption:	1000 W
Output power:	1 x 500 W RMS, 2 x 100 W RMS (8 ohms) 2 x 200 W RMS (4 ohms)
Frequency range:	40 - 160 Hz
Sensitivity:	103 dB
Max. SPL:	128 dB
DSP:	Digital signal processor
Control:	Bluetooth
Color:	Black, painted
Attachment system:	M20 thread
Circuitry:	Class D
Speakers:	1 x woofer (12") approx 30 cm Voice coil lows (3") approx. 8 cm
Dimensions (DxWxH):	57 x 47 x 40 cm



BLUETOOTH

DSP





MAXXIMUM WHITE



Now also available in white and thus fully fashionable: **MAXX-1508** from Omnitronic.

The MAXX-1508DSP is an active 2.1 PA system with a power of 700 watts. Thanks to its compact design, the system is suitable for mobile use by bands, mobile DJs and solo entertainers as well as for youth centers, for example.

The powerful 15" subwoofer with a highly efficient Class D amplifier in a bass-reflex cabinet delivers powerful, dry bass, while the two satellite speakers with 8" bass-midrange speaker and 1" compression driver and passive 2-way crossover including PTC tweeter protection ensure a well-rounded sound experience.

In addition to the DSP (digital signal processor) with practical presets for fast sound tuning, combined XLR and 6.3 mm jack connectors with XLR parallel output (for other systems) and an additional RCA input with level adjustment are on board. Thanks to Bluetooth, music can also be streamed directly from a smartphone.

Subwoofer	
Rated power:	400 W RMS LF; 2 x 150 W RMS HF
Frequency range:	Bass 35 - 120 Hz; Top 120 - 18000 Hz
Sensitivity:	95 dB
Max. SPL:	120 dB
Circuitry:	Class D
Speakers:	1 x Woofers (15") approx 38 cm with Ferritmagnet
Material:	Birch multiplex; MDF (Medium-density fibreboard)
Dimensions (WxHxD):	45.4 cm x 53.4 cm x 57 cm
Weight:	29.30 kg

Top	
Rated power:	2 x 150 W RMS
Program power:	300 W
Frequency range:	120 - 18000 Hz
Sensitivity:	92 dB
Max. SPL:	116 dB
Dispersion angle:	90° x 60°
Impedance:	4 Ohm
Speakers:	1 x Woofers (8") approx 20 cm 1 x Tweeter highs (1") approx 2,5 cm
Dimensions (WxHxD):	25.5 cm x 42.1 cm x 24.1 cm
Weight:	17.25 kg



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SAN184.50

Engineered for demanding subwoofer projects that require a powerful, robust and lightweight driver with exceptional low distortion and power compression at high SPL's; FEM high Bxl neodymium motor and suspensions, aluminium demodulating ring and linear high excursion capability come as standard.

Passionately designed in our state-of-art R&D centre in Potenza Picena, Italy, every product is a masterpiece of electroacoustic excellence with reliability second to none

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- TRIPLE ROLL SURROUND



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CELTO

ACOUSTIQUE

CT Tops & CSW Subs

The speaker systems of the **CT series** are suitable for near-field sound reinforcement with or without subwoofer, as a portable system or for fixed installation, as well as for use as monitors on stages and as delay fills. They offer a silky smooth, warm and at the same time powerful sound.

The subwoofers of the **CSW series** are equally suitable as bass amplifiers for main PA systems, for use on tour or as fixed installations for indoor and outdoor stages. Powerful performance meets elegant design.



CT-8

CT-12

CT-15

CSW-118

CSW-218



User-friendly

Sophisticated features such as the 2.4GHz iSync control channel with remote access to the handheld transmitters from Foh and LED color codes on the bottom of the microphones

FOH'S BEST FRIEND

PSSO WISE - Professional wireless microphone system for the stage





PSSO

WISE

Sound and event technician, how does that sound? A soundcheck without running between stage and FOH. Setting and controlling wireless microphones without having to pick them up. LED color codes on the bottom of the microphones. And up to 26 simultaneously usable channels.

All this is provided by the WISE system from PSSO. During the development of the new wireless microphone system,

special emphasis was placed on user-friendliness - after all, both singers and presenters as well as the technicians at the FOH should be able to work in a relaxed manner.

WISE from PSSO is a professional true diversity wireless microphone system for stage use. Well thought-out features such as the 2.4GHz i-Sync control channel with remote access to the transmitters from the FOH and high-resolution color LCD displays make working with the system comfortable.



The following frequency ranges are available

518-548MHz

638-668MHz

823-832/863-865MHz

PSSO WISE Series

The system consists of a one-channel and two-channel receiver, bodypack and handheld microphone



Exchangeable capsules

The interchangeable microphone heads of the handheld microphones are compatible with Shure* capsules.

High-quality components ensure best performance and high reliability. At launch, the series consists of a one-channel and a two-channel receiver as well as a bodypack and a handheld microphone, which can be switched between a dynamic and a condenser capsule.

*Shure is a registered trademark of Shure Incorporated and is not associated with the PSSO brand or Steinigke Showtechnic GmbH. The reference to the Shure brand is for the sole purpose of illustrating compatibility with the system advertised above.

PSSO

WiSE



PSSO WISE TWO 2-Channel True Diversity Receiver



PSSO WISE ONE 1-Channel True Diversity Receiver



PSSO WISE Bodypack



PSSO WISE Dynamic Wireless Microphone



PSSO WISE Condenser Wireless Microphone



PSSO WISE Headset for Bodypack



PSSO WISE Lavalier Microphone for Bodypack



PSSO WISE Condenser Capsule for Wireless Handheld Microphone

Beryllium core oxygen-free copper output isolation transformer

Integrated antenna splitter

Gold plated circuit board of the high reliability true diversity system

Several receivers can be operated via one power supply

USB service port for software updates



Every sound engineer has them: his very personal **soundcheck songs**.

We asked you which songs you prefer to use for setting up the sound system. Here they come:

The **top 15** of the most frequently mentioned soundcheck songs:

- Dire Straits **Money for Nothing**
- The Eagles **Hotel California**
- Fünf Sterne Deluxe **Moin Bumm Tschack**
- Angy Stone **I wish I didn't miss you**
- Toto **I will remember**
- OMD **Maid of Orleans**
- George Michael **Careless whisper**
- Ulla Meinecke **Die Tänzerin**
- The Prodigy **Smack my bitch up**
- Darude **Sandstorm**
- Boney M. **Oceans of Fantasy**
- Marla Glen **Personal**
- Marla Glen **The Cost of Freedom**
- Jennifer Warnes **The Hunter**
- Linkin Park **Papercut**



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Airbro 5.8G

Plug in and get started: Omnitronic Airbro offers guitarists a wireless, clear and interference-free signal transmission to their amplifier or PA system over a distance of up to 30 meters. Up to 4 systems can be operated simultaneously.

Less latency: Airbro transmits the signal via 5.8 GHz radio standard practically without delay (latency approx. 6 milliseconds).

**Simplify
your
life.**



Rechargeable battery via USB: Airbro's Lithium battery is easily rechargeable via USB cable and offers a battery life of 4 hours.

For all types of guitars: Airbro can be adjusted by 180° and is therefore suitable for all types of guitars.



CAR CONCERT WINDISCHESCHENBACH



FUTURELIGHT Wave LED Moving Bar
PRO Moving Head with two tilttable LED bars and six powerful, white beams



FUTURELIGHT EYE-740 QCL Zoom LED Moving-Head Wash
PRO washlight with RGBW color mixing, zoom and Art-Net



OMNITRONIC TUNA-NET
Internet radio with DAB+ and FM tuner, Bluetooth and UPnP/DLNA support

HONKING INSTEAD OF CLAPPING

Starting in May, LTTG Showtechnic regularly organized so-called car concerts in Windischeschenbach, where bands like DJANGO 3000 enthused fans in up to 225 cars.

On stage 12 EYE-7 RGBW Zoom LED moving heads and 8 Wave LED moving bars from Futurelight as well as a Hazer*Pro from Hazebase were used. A tower on the event area was set in scene by 8 Multiflood Pro IP SMD RGBW Strobes/Floods and 20 LED IP PAR 7x9W SCL spots from Eurolite.

To ensure that the team in the FOH, at the bar and at the entrance could also enjoy the concert, 4 TUNA-ONE FM tuners from Omnitronic were used.

CONTROL

**BEGINNER-FRIENDLY LIGHT CONTROL:
NO EXPERIENCE NECESSARY**



12 colors and 24 shows are already completely pre-programmed.



TAKE IT EASY



EUROLITE EASY SHOW: DMX-RECORDER AND SMALL CONTROLLER IN ONE DEVICE

A small lighting control system that can play pre-programmed colors and shows, but also acts as a DMX recorder - that's EASY SHOW by Eurolite. This makes the handy device interesting for two target groups:

Firstly, for beginners and users who want to play light shows with little effort and without a lot of training. They benefit from the pre-programmed show programs of EASY SHOW: The device comes with a USB stick on which 12 colors and

24 shows are already completely pre-programmed. Over 120 different lighting effects and spotlights from Eurolite are compatible, including 19 KLS systems, 13 moving heads and over 70 spots. The shows can run to the beat of the music or at a manually adjustable speed. The desired brightness can be adjusted, there is a stroboscope mode and cross fades are also possible. Only the start address and the DMX mode need to be set.



RECORD

DMX RECORDER: PROGRAM, SAVE AND PLAY YOUR OWN SHOWS



PRE-PROGRAMMED DEVICES FROM EUROLITE

SPOTS & EFFECTS

- | | |
|---------------------------|------------------------|
| Akku Flat Light | LED Super Strobe ABL |
| Akku IP Flat Light 1 | LED WF-30 |
| Bar-12 QCL | LED WF-40 |
| CBB 2 COB RGB | LED Z-1000 |
| CBB-4 RGB | ML-56 COB |
| CBB-6 RGB | ML-56 HCL 12x10W Floor |
| CLS-18 QCL RGBW | Multiflood Pro IP RGBW |
| CLS-9 QCL RGBW | Par 64 COB RGBW 120W |
| IP Pad 24x8W QCL | Par-30 COB RGB |
| IP Pad 4x8W QCL | Par-56 COB RGB |
| IP Pad 9x8W HCL | Par-56 HCL |
| IP Pad COB RGB | Par-56 QCL |
| IP Par 12x12W HCL | Par-64 QCL 12x8W |
| IP Par 12x3W TCL | Par-65 RGB 10mm Short |
| IP Par 14x8W QCL | PIX-12 PIX-6 HCL |
| IP Par 3x12W HCL | PMB 8 COB RGB 30W |
| IP T-1000 | PML-80 COB RGB |
| IP Tourlight 120 QCL | POS-8 LED HCL |
| LED 4c-7 Silent Slim Spot | Pro Slim Par-12 MK2 |
| LED 7C Silent Slim Spot | Pro Slim Par-6 COB RGB |
| LED B-40 | SLS 12-HCL MK2 |
| LED Bar-3 HCL | SLS 6 TCL |
| LED Bar-6 QCI RGB&UV | SLS 603 TCL6UV |
| LED BR 60 | SLS-144 RGBW Floor |
| LED CBT-6 | SLS-180 RGB 18x1W |
| LED D-2000 | SLS-7 HCL Floor |
| LED FE 1750 | Stage Panel 16 HCL LED |
| LED FE-2500 Hypno | Stage Panel 32 HCL LED |
| LED FE-700 | Stage Pixel Bar 5 |
| LED Gobo Derby | THA-120 PC |
| LED Laser Derby | TL-3 RGB&UV Trusslight |
| LED Mini D-20 Hybrid | TL-4 QCL RGB&UV |

KLS SERIES

- | | |
|----------|-------------------|
| KLS 200 | KLS 2500 |
| KLS 400 | KLS 3002 |
| KLS 401 | KLS Party |
| KLS 800 | KLS 170 |
| KLS 801 | KLS 180 |
| KLS 1001 | KLS 190 |
| KLS 30 | KLS Laser Bar |
| KLS 902 | KLS Laser Bar Pro |
| KLS 120 | KLS NEXT FX |
| KLS 2001 | |

MOVING HEADS

- | | |
|---------------|------------|
| TMH 75 Hybrid | TMH 60 MK2 |
| TMH 13 | TMH S90 |
| TMH 17 | TMH W-36 |
| TMH 30 | TMH W-63 |
| TMH 30 MK2 | TMH X-4 |
| TMH 46 | TSL 150 |
| TMH 60 | TSL 200 |

The shows are always stored on a USB stick (included). This way you can easily create different setups or make a backup copy from the drawer. The other USB socket is for the wireless QuickDMX system from Eurolite.

Alternatively, rental companies can also benefit from the compact DMX recorder - after all, the device can also be used to record their own programs and shows. This is perfect wherever an experienced lighting designer creates individual programs and shows on another controller and then records them on the EASY SHOW. Calling up the programs is absolutely simple and can be explained to every customer within a few seconds. EASY SHOW is a complete DMX recorder with 36 program slots, on which shows can be stored either with a time sequence or as a step-by-step version. In the menu you can also define which of the DMX channels should or should not react to the dim functions for the entire DMX universe. This variant is particularly interesting for installations in the catering sector,

where preset shows can then be called up by staff. EASY SHOW has 2 USB sockets in addition to the usual connections for DMX and the power supply unit. Into one of the sockets the USB stick for the stored shows is inserted. The shows are always stored on a USB stick, i.e. not stored internally in the controller. This way you can easily create different setups or make a backup copy from the show. The other USB socket is for the wireless QuickDMX system from Eurolite. With a USB transceiver you can also quickly convert the console to wireless DMX operation.



The new size

EUROLITE LED KLS **NEXT FX**

A big, new KLS from Eurolite has been on the wish list of many mobile DJs and friends of compact light sets for months. And here it is - just in time for Christmas, Eurolite presents a new model. We introduce the set to you:

The KLS NEXT FX features **4 spots with 3 x 3-Watt high-power LEDs** each. The color mixture is based on **red, green, blue and warm white**. Two **attached mushroom beam effects** create dancing beams in the whole room. In the bar there are **4 UV-LEDs** embedded, which provide the popular black light effect. On top of the bar you will find a

class 2 show laser, which does not need to be registered or approved by a laser safety officer to use it. The laser produces a large number of red and green dots that travel through the room.

There are many possibilities for controlling the device: Right at the bar itself, different programs can be called up for the individual effects or for all components together. These run either at a speed set by the user or music-controlled. An IR remote control is included in the scope of delivery, with



which many functions can be controlled. In addition, the KLS Next FX can be operated with an optionally available foot switch. If you want to control the light set via DMX, you can choose the right one from **6 different DMX modes**. There is something for every controller, including, of course, the popular Color Chief from Eurolite.

With regard to quality and equipment, the KLS NEXT FX meets particularly high demands: **The power is supplied via P-Con, an extra long cable is included.** There is also a

P-Con output to supply other systems with power. In addition to the 3-pin XLR sockets for the DMX signal, there is a **USB interface for the USB Quick DMX** system from Eurolite. With this the bar can be quickly and easily converted to wireless DMX. Two rotary potentiometers control the microphone sensitivity and brightness.

For mounting on a tripod, the KLS NEXT FX has a TV spigot. Alternatively there are two long mounting brackets to mount it on a truss or for fixed installation on the ceiling.

Extra long connection cable:
The connection cable is approx. 3m long. This is about ten times the height of this magazine

SCANNER'S DEAD,

LONG LIVE THE SCANNER!

Scanners, i.e. light effects that send a beam of light through the room with the help of a movable mirror, belong to a species that is dying out. There are less and less of them and in comparison to modern moving-heads, their share is now negligible. However, the scanner is not quite dead. With the TSL-1000 and the TSL-250, EUROLITE is now launching even two new models on the market. After all, do scanners still have advantages over moving heads? Absolutely.



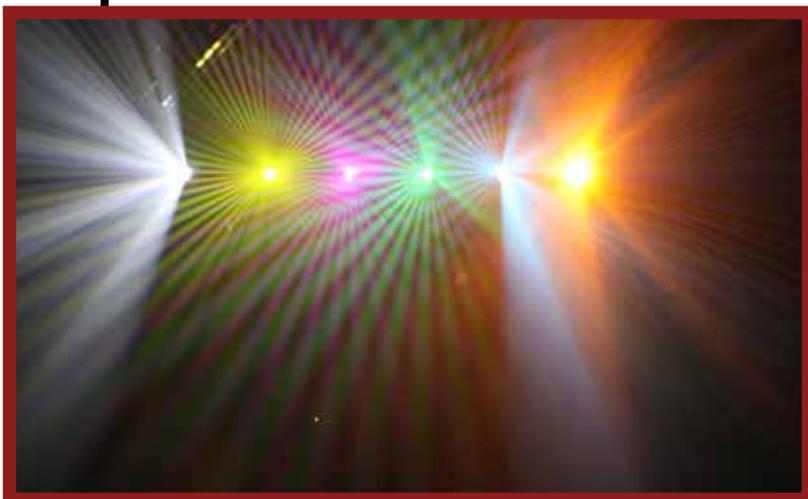
You don't always see them at first glance, because admittedly, the room-filling movements of a moving head have more sex appeal than the clear rotations of a scanner mirror.

But that's exactly where the first advantage lies: fewer moving parts mean less risk of error and less need for repair.

Moreover, the small mirror can be moved much faster than a whole head. The movement-speed of a scanner is therefore simply unbeatable.

And the limited movement of a scanner offers yet another advantage: If you want to use your moving light in stand-alone mode without a controller, you will be glad that the spotlight cannot shine everywhere you don't want it to shine.

Last but not least, a scanner can also be mounted easier than a moving head. You can mount one or, with an appropriate bar, several scanners on a tripod without any problems and without getting into a safety gray area.



EUROLITE
LED TSL-250 Scan COB



EUROLITE
LED TSL-1000 Scan

One of the first scanners from EUROLITE from the year 2001:

The EUROLITE TS-3 DMX-Scanner



TMH

TINY MOVING HEADS

TMH: TINY MOVING HEADS FOR BIG DEMANDS

Four new, compact moving heads from Eurolite's TMH series prove that external size does not always indicate internal qualities. New in this case already begins with the name, because each of the TMH Moving Heads carries now an additional letter in the name; S for Spot, W for Wash or B for Beam. But the innovations in the devices go far beyond that:

The power connection is now made via modern P-Con plugs. Accidentally slipping out of the connector plugs is now a thing of the past. And hanging the heads is now also quicker and more convenient: quick-release fasteners on the bottom of the devices ensure that they are attached in no time at all - without tools, in just a few seconds.

A very pleasant new feature is the USB interface on all these spotlights. With just a few simple steps, the devices can be converted to operation with wireless radio DMX: The Quick-DMX USB transceiver is simply plugged into the socket and the spotlight can receive wireless DMX from any Eurolite Quick-DMX transmitter. No additional cables, power supply or accessories are needed. Even the master-slave signal can be sent to and received from identical devices via this USB transceiver.



EUROLITE LED TMH-W36
Moving Head Zoom Wash



EUROLITE LED TMH-W63
Moving Head Zoom Wash



EUROLITE LED TMH-S30
Moving Head Spot



EUROLITE LED TMH-S90
Moving Head Spot

LED TMH-W36

Moving Head Zoom Wash

The TMH W-36 is an extremely compact washlight with RGBW color mixing. This makes it ideal for displaying bright, trendy colors and pastel shades. It is equipped with 4 powerful 9-Watt LEDs. Despite its compact size, it has a motorized zoom, which changes the beam angle from 6° to 40°. It is ideal for small lighting tasks, cuts a fine figure as a supplement to the TMH S-30, but also looks good as a stand-alone device.

MASTER SLAVE STAND ALONE MOTOR, ZOOM LED DMX
 QuickDMX[®] USB RGBW FLICKER FREE 6 - 40°

Technical specification

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	65 W
IP classification:	IP20
Power connection:	Mains input P-Con (blue), mounting version Power supply cord with safety plug (provided)
Fuse:	5 x 20 mm, T 1.5 A Fuse replaceable
LED:	4 x high-power 9 W 4in1 QCL RGBW (homogenous color mix)
Max. TILT movement:	Exact positioning (16 bit resolution) 220°
Max. PAN movement:	Exact positioning (16 bit resolution) 540°
Equipment:	Zoom motor-driven
DMX channels:	15
DMX input:	3-pol XLR (M) mounting version
DMX output:	3-pol XLR (F) mounting version
Control:	Stand-alone, DMX, QuickDMX via USB (optional) Master/slave function, Sound to light via Microphone
Beam angle:	6 - 40°
Dimensions (WxHxD):	15.5 cm x 25.5 cm x 14.5 cm
Weight:	2.95 kg





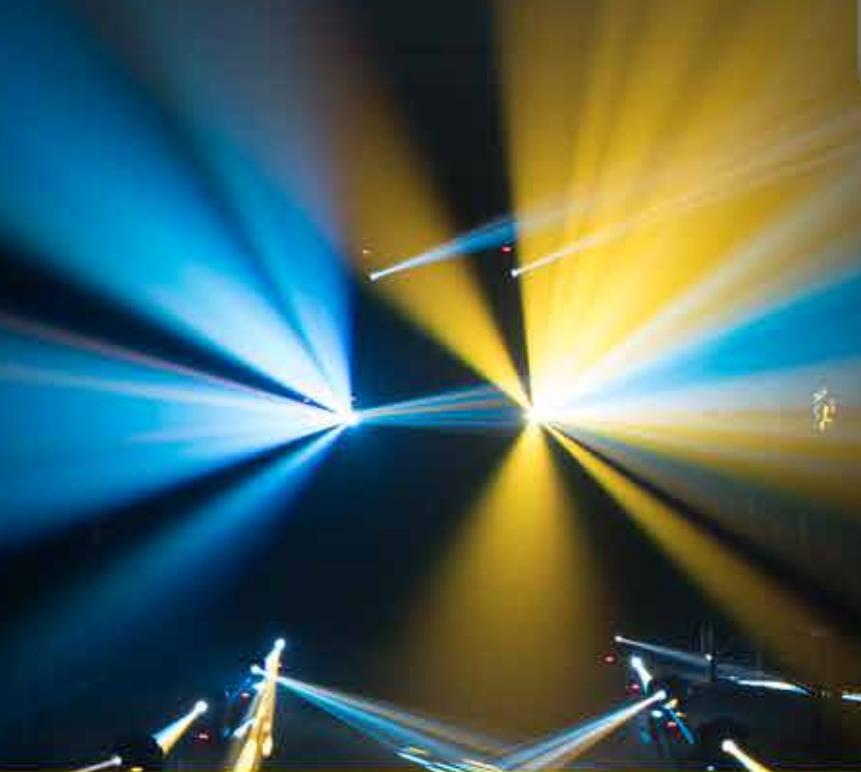
LED TMH-W63 Moving Head Zoom Wash

Technical specification

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	100 W
IP classification:	IP20
Power connection:	Mains input P-Con (blue), mounting version Power supply cord with safety plug (provided)
Fuse:	5 x 20 mm, T 2 A Fuse replaceable
LED:	7 x high-power 9 W 4in1 QCL RGBW (homogenous color mix)
Max. TILT movement:	Exact positioning (16 bit resolution) 220°
Max. PAN movement:	Exact positioning (16 bit resolution) 540°
Equipment:	Zoom motor-driven
DMX channels:	15
DMX input:	3-pol XLR (M) mounting version
DMX output:	1 x 3-pol XLR (F) mounting version
Control:	Stand-alone, DMX, QuickDMX via USB (optional), Master/slave function, Sound to light via Microphone
Beam angle:	6 - 29°
Dimensions (WxHxD):	21.0 cm x 29.5 cm x 16.0 cm
Weight:	4.17 kg

The big brother of the W-36 is called W-63 and is equipped with 7 powerful 9-Watt LEDs. It also features the proven RGBW color mixing, its motorized zoom ranges from 6° to 29°. This spotlight is suitable for small and medium tasks and can be used as an addition to the TMH S-30 or the TMH S-90, but of course also as a stand-alone unit.





LED TMH-S30 Moving Head Spot

The TMH S-30 is an extremely small spotlight. Nevertheless it surprises with some special features. This already starts with the 30 Watt LED, which produces a very strong light output for this size. Despite its compact size, the spot features rotating gobos; and these can be replaced very easily and quickly: To change the gobo, simply unscrew the cover on one side and pull out the single gobo unit with a firm tug. You open the snap ring, change the gobo, close the snap ring again and put the whole unit back into the gobo wheel. Even with rather big fingers this can be done in seconds. In addition to 7 different patterns, the spotlight also has a color wheel with 7 colors and open.

DMX MASTER SLAVE STAND ALONE STROBE LED FLICKER FREE

QuickDMX USB 8°

Technical specification

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	45 W
IP classification:	IP20
Power connection:	Mains input P-Con (blue), mounting version Power supply cord with safety plug (provided)
Fuse:	T 1 A Fuse replaceable
LED:	1 x COB (Chip-on-board) 30 W CW
Color temperature:	8000K
Max. TILT movement:	Exact positioning (16 bit resolution) 170°
Max. PAN movement:	Exact positioning (16 bit resolution) 540°
Equipment:	Color wheel; Focus manual; gobo wheel with rotating gobos
Gobos:	Gobo wheel with rotating gobos, 7 gobos and open Outside diameter 14mm, Image diameter 10mm Shake effect, Gobos changeable Slot-in gobo system for exchanging gobos without tools
DMX channels:	10; 12
DMX input:	3-pol XLR (M) Einbauversion
DMX output:	3-pol XLR (F) Einbauversion
Control:	Stand-alone; DMX; Sound to light via Microphone Master/slave function; QuickDMX via USB (optional)
Beam angle:	8°
Dimensions (WxHxD):	17.0 cm x 24.0 cm x 15.0 cm
Weight:	3.03 kg

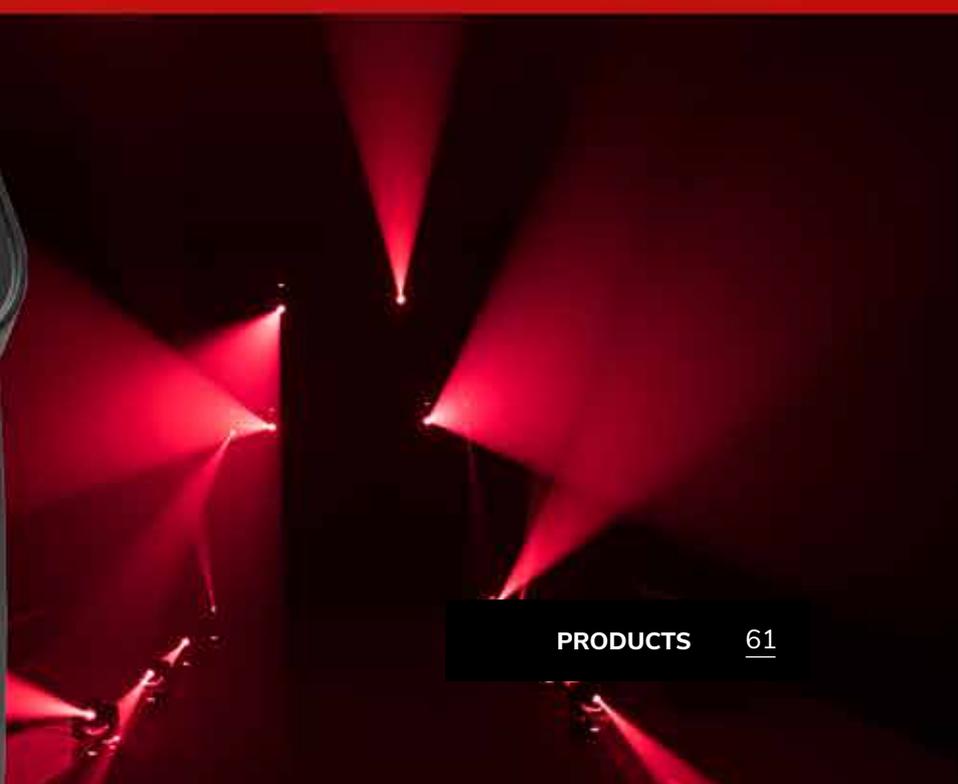
LED TMH-S90

Moving Head Spot

Technical specification

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	140 W
IP classification:	IP20
Power connection:	Mains input P-Con (blue), mounting version Power supply cord with safety plug
Fuse:	5 x 20 mm, T 2 A
LED:	1 x COB (Chip-on-board) 90 W CW
Max. TILT movement:	Exact positioning (16 bit resolution) 200° Auto position correction (feedback)
Max. PAN movement:	Exact positioning (16 bit resolution) 540° Auto position correction (feedback)
Equipment:	Prism 3-fold; gobo wheel with rotating gobos rotating; gobo wheel with static gobos; Focus motor-driven; color wheel
Gobos:	Gobo wheel with static gobos, 7 gobos and open Shake effect
DMX channels:	15
DMX input:	3-pin XLR (M) mounting version
DMX output:	3-pin XLR (F) mounting version
Control:	DMX; Sound to light via Microphone Stand-alone; QuickDMX via USB (optional) Master/slave function
Beam angle:	12°
Dimensions (WxHxD):	25.0 cm x 35.0 cm x 20.5 cm
Weight:	6.20 kg

Also a legend needs a successor sometime: The TMH S-90 will replace the popular Eurolite TMH-60, which provided for atmosphere on numerous stages and in clubs for altogether 8 years. The S-90 has a very bright 90-Watt LED. Two gobo wheels, one of them with rotating gobos, provide for varied images. Just like the TMH S-30, the rotating gobos offer a gobo slot-in system for quick and easy gobo changes. The image can be multiplied by the rotating 3-fold prism and colored with 7 different dichroic filters. With this equipment it can not be more compact.





Interview with Michael and Stefan from MSK Event GbR about their work in the club "YORK" in Kassel

RECOGNITION AND VARIETY

Already at a young age, the brothers Michael and Stefan Kistner from Kassel were enthusiastic about the world of show technology. Over the years, what was initially a hobby grew into a company of its own.

With their MSK Event GbR the brothers let their years of experience and passion flow into their jobs. The results of this symbiosis are successful events, innovative locations and satisfied customers.

Their last project was the technical redesign of the club "York" in Kassel. In the course of this conversion, 87 devices from Eurolite and Futurelight were installed.

We met with Michael and Stefan to learn more about their work and the realization of the project.

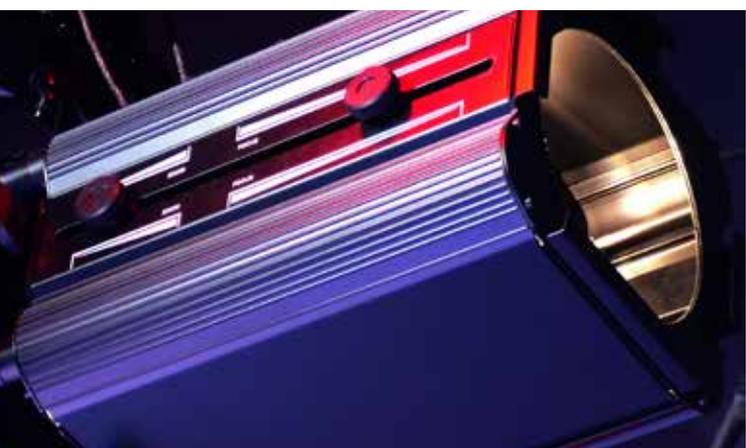
Please introduce yourselves briefly to our readers. How did you start working with show technology?

Michael, 28 years old, industrial foreman in mechatronics, employed as an automation technician in rail vehicle maintenance, living in Kassel. Stefan, 32 years old, mechanical engineer in maintenance at a metal recycling company, living in Dortmund. From an early age we both had a certain affinity for technical things and this affinity not only led us both into our professional lives, it also brought us to show technology. The fascination for this began in our early school days. At that time, the "big" devices were not yet so easy to grasp. For example, we created a concert stage made of LEGO, into which we built the first "spotlights" in the form of a few different colored 3 and 5 mm LEDs - controlled by a self-made push button desk. Later the lamps got bigger, so that in 2008 the topic of DMX control was introduced to us. The first steps were made with a



The installed equipment at a glance:

- 40 EUROLITE LED PIX-12 QCL
- 6 EUROLITE LED TMH-X7
- 7 FUTURELIGHT Color Mega Wave.i
- 12 FUTURELIGHT DMH-80
- 2 EUROLITE LED PFE-120 3000K Profile
- 2 EUROLITE LED PAR-64 RGB Audience Blinder
- 15 EUROLITE PS-36 RGB
- 3 EUROLITE LED ML-30 COB RGB 30W



simple DMX console, until we switched to the lighting control software DMXControl.

In the following years the equipment grew steadily, so that we decided to become self-employed in 2012.

How did the project of the “York” club come about?

We have been working in the “York” club as LJs since 2011. Over the years, a very good business relationship has developed with the owners, who run other clubs in Kassel besides the “York”. Already in summer 2012 we were asked to design a new lighting concept for the former club “Soda Cassel” and to supervise the control system.

The fact that we have also been responsible for the programming of the lighting control in the York since January 2012, and that we have been relying satisfactorily on DMXControl in this respect, was mainly due to the ambition that we saw a clear potential in the old lighting system. At the same time we wanted to test the performance of the software itself in order to improve the operation accordingly. So what started as a “gimmick” ended in the actual job of making the change. Over the past two years, the desire to renew the lighting system slowly but steadily matured on both sides. The form of the lighting system has remained largely unchanged since the re-opening of the York in November 2010 after a major redesign.

What concept did you follow for this project?

Short and sweet: recognition and variety. From the very beginning it was very important to our clients that we create a concept that clearly identifies the York. In the years before, this was done by the 65 Eurolite SLS-400 RGB LED tiles under the ceiling of the main floor, which led to a corresponding association - especially when you look at the pictures of the numerous events afterwards. This was also where the second wish came into play, namely the inclusion of LED bars.

With regard to the choice of equipment, our own goal was then to create a concept where the various groups could already deliver a great light show for themselves. True to the motto: light can also be off once in a while. Thus, over several drafts, the arrangement of the LED bars was created, with which we can create the most different geometric figures on the ceiling, depending on which LED bars are used - from simple lines to animated rings, triangles, stars and much more. We decided to use the Eurolite LED PIX-12 QCL, because the PowerCon connectors made the cabling under the ceiling much easier. The resulting axes pick up the moving light, creating a round overall picture. Here the choice fell on 12 Futurelight DMH-80, 6 Eurolite TMH-X7 and as a highlight in the central axis 7 Futurelight Mega Color Wave.i.

It was also important for us to present a holistic concept behind the scenes, which is not directly visible to the guest. Not only the uniform connection system of the devices used, but also the rack with the interfaces and especially the lighting control itself. Over the years, the operating concept had proven itself accordingly. By changing to DMXControl 3, we were

able to raise this to a new level with the functions now available. At the same time the need for separate control of LED-BARS and moving lights was eliminated.

What was your biggest and most exciting job so far?

We cannot answer this question directly. Every one of our jobs always brought something special with it, which is why they are all still remembered fondly. As a highlight, however, we look back on the AquaFitness event in Kassel's Auebad in March of last year. The trainers thought of a special motto for the event, which we picked up accordingly with our setup. Thus, a completely from the inside illuminated construction with a width of about 20 meters was created from over 50 running meters of truss. We equipped it with a total of 66 devices, whereby 8 Futurelight DMH-160 and 4 Futurelight DMB-160 as well as 4 Eurolite ML-56 CW/WW from Steinigke were used.

Which projects are you planning in the near future?

Due to the standstill in the entire industry, we are currently dealing with case construction more intensively. Together with York, we have also invested in devices from Futurelight. We still lack a suitable transport case. We have also made a major investment in new sound technology in order to get ready for a strong restart after the forced break.

But also the project in York is to grow further. We hope that our already started updates for the lighting control can soon be recorded and used live. The potential of the whole concept in connection with the constant development of the software is far from exhausted and already now the notepad is well filled.

We thank you very much for this interview and wish you good luck for your future projects!



JULY / AUGUST 2020

THE INTERNATIONAL PUBLICATION FOR TECHNOLOGY IN ENTERTAINMENT

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DANIEL & ANDREAS SENNHEISER
The brothers and co-CEOs discuss their core family values as Sennheiser reaches its 75th year.

HOUSES OF WORSHIP
We take a closer look at the impressive uses of technology in venues across the world.

MOVING HEADS
A round-up of the latest lighting fixtures.



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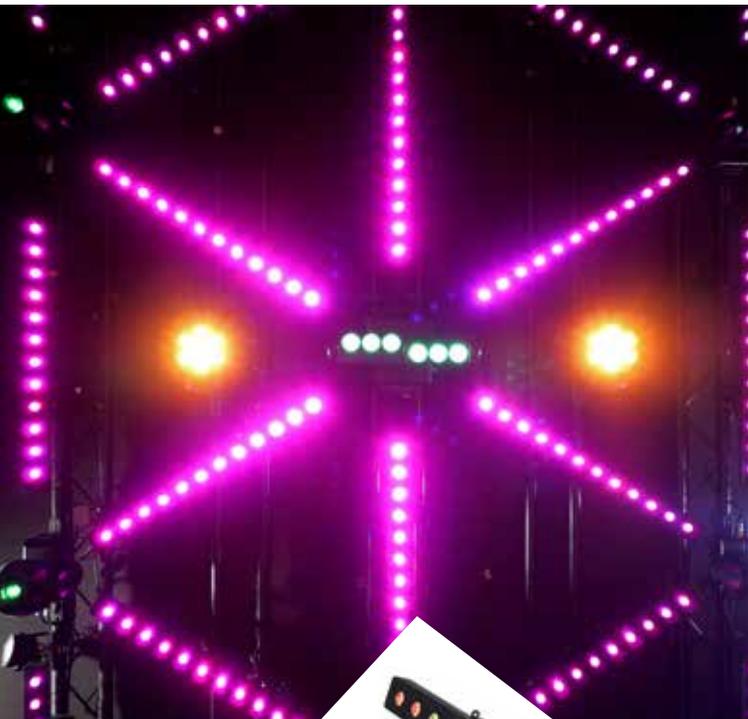


CLUB YORK KASSEL

CLUB IN A NEW LIGHT

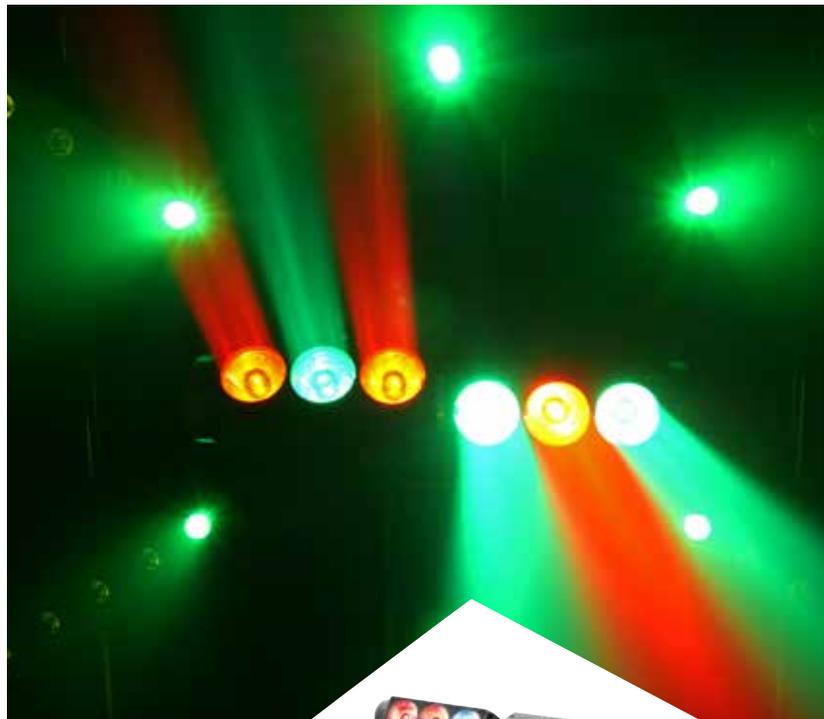
In the course of a reconstruction at the Club York in Kassel, MSK event GbR installed a total of 87 new devices: The ceiling above the dance floor is the highlight of the new lighting concept. It was equipped with a total of 40 LED bars. The targeted alignment of the bars allows the creation of different geometric shapes and varied contours. 25 moving heads cleverly continue the axes created in this way. For the illumination of the stage 2 chasers were installed.





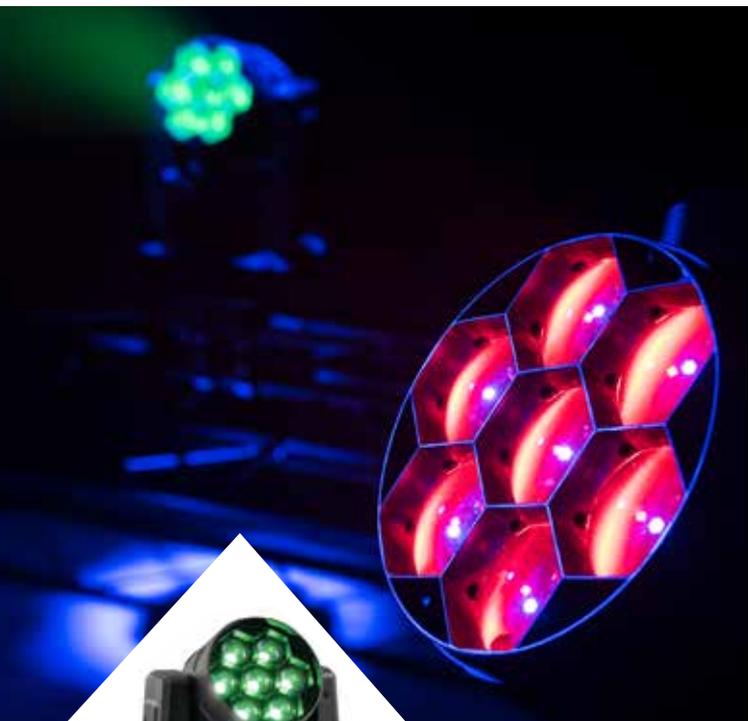
EUROLITE LED PIX-12 QCL Bar

LED bar with 12 x 4 W RGBW LED, pixel control and IR remote control



FUTURELIGHT Color Mega Wave.i LED-Moving-Leiste

Quadcolor Moving Head with two separately tiltable LED bars and six beams with 40 W COB LEDs



EUROLITE LED TMH-X7 Moving-Head Wash Zoom

Compact washlight, 7 intense 25 W LEDs (7in1), unique color mixing



FUTURELIGHT DMH-80 LED Spot

PRO Moving Head with 75 W LED and unique 16-facet prism



ON POINT

Pixel-based effects as
a design tool

Pixel effects have been very popular for many years - whether as design elements in clubs or as part of a stage set. As soon as they are in the field of vision, they attract attention. Dynamic color gradients, hypnotic-looking patterns or geometric shapes can be displayed with the precisely controllable effects, thus offering lighting engineers creative freedom.

EUROLITE LED PT-100/32 Pixel DMX Tube

DMX-controllable pixel tube with RGB color mixing



EUROLITE LED PR-100/32 Pixel DMX Rail

DMX-controllable pixel rail with RGB color mixing



Front cover:
milky or black

With the LED PT-100/32 and the PR-100/32 in two versions, Eurolite now offers three new pixel strips. The technology is identical for all three models: 96 LEDs divided into 32 pixels are used. This means that 32 individual segments in the colors red, green and blue as well as all mixed colors can be controlled. This requires 96 DMX channels, but it is also possible to work with half of the DMX channels and therefore pixels. In addition, there are other, smaller DMX modes to choose from.

The difference between the 3 bars is in their outer shape and cover. The PT-100/32 uses a classic tube, i.e. a round plexiglass tube, which covers the LEDs and softens them with a frosty surface. The PR-100/32 on the other hand has a flat cover, available in white or black. The white version is ideal for installations where the bars are in continuous use and the housing is perceived as part of the design. With the black version, the light output is naturally slightly darker, but the bar blends beautifully with dark backgrounds as long as it is not in use. The surprise effect is all the greater when it begins its color magic.

The two brackets on the back of the units can be moved and thus be fixed in any position - this makes installation easier. The system is also ideal for mobile use on trusses. A professional P-Con input is provided as a power connection with a similar output, so that the power can be passed on to other bars. The DMX cabling is three-pin.

How are so many pixels controlled in a useful way? You have to keep in mind, that only 5 of these strips can be used in one DMX-universe at full capacity. A conventional DMX control reaches its limits very quickly. One of the most beautiful and certainly most professional solutions for pixel control of any kind is MADRIX. The software, which originates from Dresden, is considered worldwide as a pioneer for pixel-based lighting control, no matter if it is only a few or millions of pixels. Pre-made effects and animations can be varied and combined with MADRIX almost at will. This is the easy way to create impressive shows. Even three-dimensional pixel installations are no problem with the software. With the new ArtNet recorder MADRIX Aura, shows can also be recorded and played back; either with 8 or even 32 DMX universes. This would allow, for example, 160 of the Eurolite strips in an installation to present a fascinating show.



MADRIX AURA 2 (Up to 2 DMX universes)
MADRIX AURA 8 (Up to 8 DMX universes)
MADRIX AURA 32 (Up to 32 DMX universes)



MADRIX AURA: Breathtaking architectural light shows without expensive lighting consoles

**A stand-alone control solution for any lighting project with brilliant features:
This is MADRIX AURA.**

In modern architecture, lighting design has become an essential component in recent years. Larger and more complex LED lighting installations require an ever-increasing number of DMX channels. When developing a new type of stand-alone control solution, MADRIX therefore focused on an easy-to-use system that can additionally be scaled and remains affordable.

MADRIX AURA, just like all other MADRIX products, is developed and manufactured in Germany. The limited manufacturer's warranty for MADRIX AURA is 5 years. With the help of the MADRIX 5 software the MADRIX AURA can be programmed easily on a computer. The light show is created in the MADRIX 5 software and transferred to the MADRIX AURA with a mouse click. In addition, any kind of Art-Net or Streaming ACN network stream can be recorded and stored on the SD card. The light show is then automatically played back from the SD card in the MADRIX AURA. Integrated timer functions make the programming of sunrise and sunset



Noble Plenchit



Granada Luxury Belek



Bosphorus Resort

moods possible. Only the MADRIX AURA is required to play back the light show. Price-intensive computers, laptops or complicated light consoles are no longer necessary. The unique master-slave synchronisation enables the realization of large projects by combining several MADRIX AURA. One master MADRIX AURA can control a number of slave MADRIX AURA in one group. This entire group is automatically synchronised across all DMX universes. This ensures error-free and uninterrupted playback. It is also possible to create and use several master MADRIX AURA within one network. This master-slave synchronisation

is based on years of experience with the MADRIX PLEXUS, which now has a worthy successor in the form of the MADRIX AURA.

MADRIX AURA is designed for continuous operation 365 days a year. The data is provided via Art-Net or the sACN protocol. Recommended output devices are the MADRIX NEBULA, MADRIX STELLA or also the MADRIX LUNA 4/ 8/ 16. Of course, all Art-Net nodes from Eurolite can also serve as output devices for MADRIX AURA.

If MADRIX AURA and MADRIX ORION are combined, impressive interactive projects and installations can be realised. The light show is played back from the SD card in MADRIX AURA and interactively controlled by MADRIX ORION using the connected sensors. Again, no additional computers, laptops or complicated light consoles are required.

The MADRIX AURA is available in three configurations:

- MADRIX AURA 2 (Up to 2 DMX universes)
- MADRIX AURA 8 (Up to 8 DMX universes)
- MADRIX AURA 32 (Up to 32 DMX universes)



MADRIX
LIGHTING CONTROL

 Made in Germany



silent as a
WHISPER



FUTURELIGHT EYE-740 QCL Zoom LED Moving Head Wash

PRO washlight with RGBW color mixing, zoom and Art-Net

MOTOR, ZOOM FLICKER FREE RDM  RGBW

 1 - 16°  ART NET ETHERNET  WIRELESS SOLUTION MADE IN SWEDEN  UPGRADE

QUIET IN OPERATION

Thanks to its extremely quiet fan, the wash light is also ideal in very noise-sensitive environments such as theaters and TV studios. Its variable pulse width modulation also ensures flicker-free projection, making this moving head the perfect device for video and TV recordings.



POWERFUL WASHLIGHT WITH LARGE ZOOM

The high-intensity washlight EYE-740 offers you high output with seven 40 Watt RGBW LEDs from Osram. Thanks to the built-in zoom, the beam angle of the washlight can be varied from 1° to 32°.



HIGH QUALITY FEATURES

The EYE-740 also scores with its high-quality equipment: in addition to 5-pin DMX connections, it has Ethernet inputs for control with ArtNet. P-Con connections are installed for power supply. A master dimmer with 16-bit resolution ensures particularly smooth dimming.



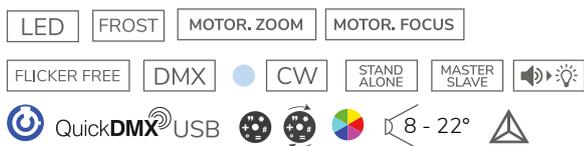
TMH-S200

TMH XB-280

FULL FORCE

Modern technology makes it possible: Where just a few years ago, large and heavy spotlights were used to provide proper light on stage or in the club, today's devices are becoming smaller and lighter - with similarly high light output. Nowadays, there are moving heads that weigh less than 15 kilograms and can easily be used on large stages. We will take a look at two of them here.

TMH-S200

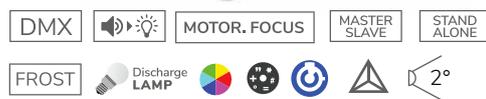


The LED TMH-S200 from Eurolite generates enough light output with its 200 Watt strong white LED to be used on large stages next to other spotlights. Its zoom range extends from 8° to 22°, so that the spotlight can be used flexibly. For images, the spotlight has a rotating and a static gobo wheel with a total of 16 different images. The rotating gobos are indexable, so that graphics or logos are always displayed in the correct position. The images become especially interesting when the two gobo wheels are overlapped and the focus is played with. The rotating gobos can be exchanged in a very short time without much effort via the gobo slot-in system.

Even more variety is provided by the rotating prism, which triples the image and sets it in motion. A color wheel provides color variety by offering 9 additional colors besides open and can also display two colors at the same time.

For the power connection there is a P-Con socket and also an output socket to pass on the current. The XLR connections are three-pin. In addition, the spotlight also has a USB socket for easy conversion to the Eurolite QuickDMX radio system. The hanging mounting is realized by two Omega brackets with quick fasteners.

TMH XB-280



The TMH XB-280 beam moving head from Eurolite is extremely bright, versatile and yet affordable. Its light source is a very powerful 280 watt discharge lamp, which is included in the scope of delivery. Thanks to this, the extremely narrow beam of the moving head is also well accepted on large stages. The beam angle of the light beam is just 2°.

A gobo wheel with 13 images is used in the spotlight. Among them are the popular dots gobos, which are particularly effective when they divide the single beam into many fine beams in the fog. The XB-280 also has two prisms: an 8-fold prism and even a rare 24-fold prism, which turns the beam into a wide-beam spotlight with a particularly beautiful effect in fog. Both prisms can rotate in both directions at the desired speed and thus provide dynamic lighting. An extraordinary feature: both prisms can also be used in combination. All images can be brought into the desired sharpness via a motorized focus.

The XB-280 can also produce soft light; its frost filter then turns it into a veritable washlight. The integrated multi-color filter creates a multi-colored image, which in itself creates a great effect - combined with the 14 colors on the color wheel, further unusual effects are possible. By the way: The TMH XB-280 is also equipped with the USB socket for the wireless QuickDMX system from Eurolite.



EUROPALMS Fir wreath, PE, 45cm

Especially suitable as
Table or door decoration



EUROPALMS Christmas tree, illuminated, 210cm

Including warm white
LED light chain



EUROPALMS Pinecone hanger, glitter, 18cm

In gold or copper



EUROPALMS LED Christmas Ball 6cm, red 6x

High-quality plastic balls in a set of 6 with eyelets for hanging

MAS



Happy Holidays!

The days are getting shorter, the temperatures are dropping - and even without looking at the calendar we notice: Christmas is coming closer! In order to make not only children's eyes sparkle in anticipation of the festive season, we are transforming stores, reception rooms, but also our apartments into little winter wonderlands.

If you want to take a classic, stylish approach to decoration, it is best to use fir green and warm white light. Because real firs tend to shed their first needles weeks before the feast, we recommend the artificial alternative here: modern artificial firs and artificial fir wreaths made of plastic are so richly

detailed that at first glance they are indistinguishable from their natural colleagues. Golden gleaming accents and warm glowing lights round off the picture and spread a cozy atmosphere.

A special eye-catcher for stores, restaurants and hotels are life-size figures that welcome guests at the entrance. The lovingly handcrafted metal figurines of Europalms smile friendly to all visitors and make young and old look forward to Christmas.

Christmas articles and more at www.europalms.de



**EUROPALMS Santa Claus,
Metal, 195cm, red**

High quality processing and elaborate details



**EUROPALMS Berry spray
glitter red 85cm 3x**

Gives every decoration that special shine



**EUROPALMS Fir garland,
artificial, 180cm**

Fir garland for windows, doors or for table decoration

▲ SILENT NIGHT? ▲

No way!

Would you like a little more? A little more colorful, flashier, louder? In recent years, the trend towards "more" has also established itself in Europe: More lighting, more decoration, more jingle bells instead of silent night! So-called Christmas houses may no longer have much to do with the traditional feast, but they do attract hundreds of visitors every year. So if you want to impress your customers, neighbors or acquaintances with bombastic decoration, it's

best to use larger-than-life figures and don't skimp on fairy lights. A little tip: Outdoor-ready rubber lights with a solid rubber coating can withstand even winter weather and can be used outdoors for several weeks. Particularly ambitious decorators control their lighting installation with DMX and thus create real Christmas light shows around their homes.

Whether classic-traditional or flashy and colorful - in the end, the important thing about Christmas decorations is that they bring joy. In this sense: Merry Christmas!



EUROPALMS Santa Claus 300cm,
Penguin Fred, 120cm,
Santa's sleigh 200cm

Inflatable figures should not be missing for winter decoration





EUROLITE LAS-16 IP
Garden Laser Dot RG

Ideal for home lighting - simply install into the garden: 2 laser diodes in red and green project hundreds of fine light spots



EUROLITE 360 LED
Cascading Lights 3m
multicolor

Provides atmospheric lighting indoors and outdoors



EUROPALMS Premium Fir
Wreath, decorated, 90cm

Best hung freely; lavishly decorated with red bows and decorative balls in different sizes and colors



EUROLITE RUBBERLIGHT

Countless possibilities: flexible hose for decorative lighting





24 Christmas gifts for technicians and musicians

It's Christmastime, but looking at the calendar causes initially only stress? You are missing gift ideas for colleagues, friends and relatives? Do not worry: We have put together 24 unusual gift ideas for party friends, technicians and musicians. Let Christmas come!

Light effects

Let there be light!

Whether children's room, disco or nightclub; suitable effects let a party location appear in a new light and create atmosphere. Young party animals are happy about a small beam effect under the Christmas tree. If it should be a little more professional, a small moving head or the compact Color Chief light controller together with the matching spotlights is also a great gift idea.

RPP up to 50 €



EUROLITE LED H2O TCL Water Effect

Compact water effect with RGB color mixing and IR remote control



EUROLITE LED PK-3 USB TCL Spot

Small spot with 6 LEDs, sound-controlled RGB color change and IR remote



EUROLITE LED BC-4 Beam Effect

Compact mirror ball effect (RGBW+orange+violet) with radiating plexiglas dome



EUROLITE Set N-10 silver + B2D Basic smoke fluid 1l

Compact 400 W fog machine with cable remote control



RPP up to 100 €



EUROLITE LED DMF-2 Hybrid Flower Effect

Double flower effect with matrix projections and 2 strobe effects



EUROLITE LED SLS-30 COB QCL Floor

LED floor spot with RGBW color mixing, incl. IR remote control



EUROLITE Mirror Ball 30cm with motor + LED PST-5 QCL Spot black

Narrow-beam pinspot with 5 W 4in1 LED in RGBW

RPP up to 300 €



EUROLITE LED Multi FX Laser Bar

Lighting effect with RGBAW LED matrix, UV, RG laser (2M) and stroboscope



EUROLITE LED TMH-S30 Moving Head Spot

Compact Moving Head Spot with 30 W LED, gobos and color wheel



EUROLITE DMX LED Color Chief Controller

DMX lighting desk with innovative control concept for LED spotlights



Audio technic

The sounds never sound sweeter...

...than at Christmas time! Of course we have also collected suitable gift ideas for the friends of audio technology. Those who want to convert their system at home during the Christmas vacation to wireless Bluetooth reception will be pleased to receive a Bluetooth transceiver. Ambitious beginner DJs can use the holidays and practice their skills on a compact mixer. And all those who want to perform mobile with their band next year are guaranteed to have a sparkle in their eyes when unpacking a compact active system.

RPP up to 100 €



OMNITRONIC WDT-5.0 AptX HD Bluetooth 5.0 Transceiver

Bluetooth transmitter and receiver with aptX HD, aptX Low Latency and dual link



OMNITRONIC GNOME-202P Mini Mixer black

2-channel DJ mixer with Bluetooth and MP3 player in miniature design

OMNITRONIC FAD-9 MIDI Controller

USB MIDI controller with 9 faders for music creators, producers and DJs



RPP up to 200 €



OMNITRONIC BD-1390 USB Turntable black

Belt drive DJ turntable with USB interface and recording software, black

OMNITRONIC PM-322P 3-Channel DJ Mixer with Bluetooth & USB Player

3-channel DJ mixer with Bluetooth and MP3 player



OMNITRONIC TUNA-NET 19" Internet Radio with DAB+ and Bluetooth

Internet radio with DAB+ and FM tuner, Bluetooth and UPnP/DLNA support



RPP up to 300 €



OMNITRONIC Set WMAS-08BT MK2 wireless PA system + UWM-2HH USB Wireless mic set

Mobile 8" PA system with battery operation, audio player, Bluetooth and wireless microphones

OMNITRONIC COMBO-160BT Active PA System

Portable 160 W PA system with Bluetooth



OMNITRONIC XDP-1501 CD/MP3 Player

1 U flat CD/MP3 player with USB port, mic input and IR remote





Instruments

A musical Christmas

Handmade music for Christmas does not always need to be made up of recorder playing and choral singing: A cajon brings rhythm into play. A ukulele is not only fun for children, but brings a touch of Hawaii into the living room at home. And real rockers and campfire romantics prefer to take up the guitar - not only at Christmas!

RPP up to 100 €



DIMAVERY UK-100 Sopran-Ukulele, flamed red



DIMAVERY CJ-520 Cajon, Walnut

Cajon with walnut striking surface

RPP up to 200 €



DIMAVERY SP-100 Western guitar, nature

Western guitar with sound hole in the side



DIMAVERY UK-700 Bass Ukulele. Zebra

Bass ukulele with PU-System

RPP up to 300 €



DIMAVERY LP-800 E-Guitar, satin black



HOUSE PARTY!



EUROLITE Mirror Ball Set
30cm with LED RGB Spot RC

Set comprised of motor, mirror ball, chain, color pinspot and IR remote



MAKING THE NEW YEAR'S EVE PARTY A BLAST AT HOME

What belongs to a really good New Year's Eve party? The right people, good music and party mood are basic requirements for a successful turn of the year. Once the proper party equipment is in place, nothing stands in the way of a perfect New Year's Eve party - whether in the club or at home. Here are our tips for a fantastic New Year's Eve party even in the smallest of shacks:



EUROLITE NH-10 Fazer

Compact fazer with 400 W, remote control & adjustable output volume



EUROLITE LED DMF-2 Hybrid Flower Effect

Double flower effect with matrix projections and 2 strobe effects





EUROLITE LED KLS-120 FX Compact Light Set
DMX light effect bar with 2 rotating LED derbies and 2 LED spots

LIGHT!

Nothing screams “party!” more than colorful light and mirror balls. If you want to transform your living room into a New Year’s Eve party location in no time at all, the easiest way is to use a compact light set. The KLS from Eurolite are available in different versions - from bars with simple spots to the version with laser, derby effects or stroboscope. If the party lighting is not only to do its job in stand-alone mode, but is to be controlled by the host, a simple controller such as the Color Chief from Eurolite is the best choice. The compact light desk is specially designed for the operation of colored spots and KLS.

Additional glamour is added by a mirror ball, which is simply hung in the middle of the room or placed on a tripod using a tripod mount.



MUSIC!

Would you like a little more? If the home stereo system is not enough, mobile active speakers such as the XKB-208A from Omnitronic provide additional excitement. The speaker is perfectly prepared for the DJ’s performance - and if necessary, the smartphone can also be connected via Bluetooth.

FOG!

When no one dares to start and hit the dance floor at home, a little fog helps to put an end to shyness. Small fog machines are cheap to buy these days and provide that extra party feeling. A little tip: Before using them, make sure to check if the smoke detectors in your home give a false alarm in case of fog!



EUROLITE LED KLS-120 Compact Light Set

Compact Light Set with 4 RGBW Spots

OMNITRONIC XKB-208A 2-Way Speaker, Bluetooth

Active speaker with 8" woofer, 1" driver, LF: 70 W RMS, HF: 35 W RMS



EUROLITE DMX LED Color Chief Controller

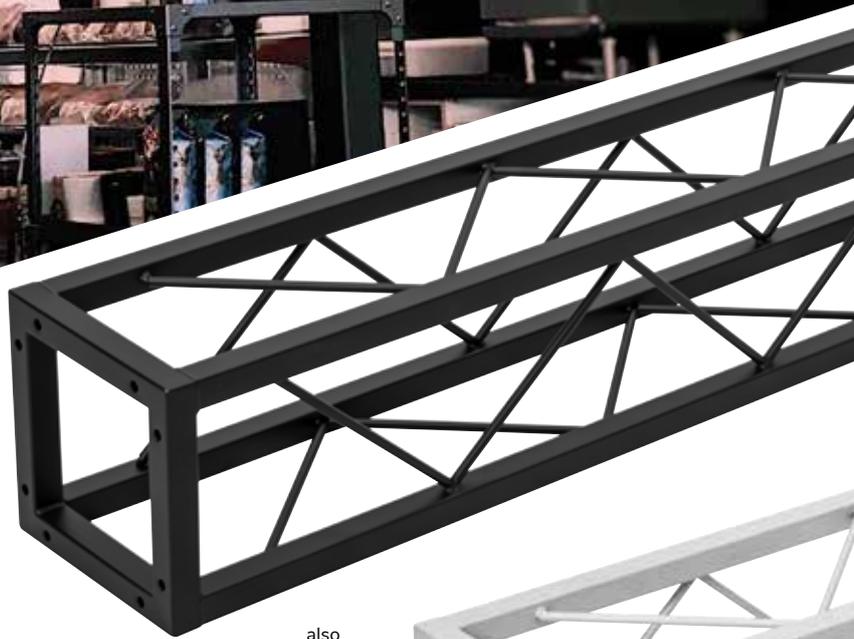
DMX lighting desk with innovative control concept for LED spotlights



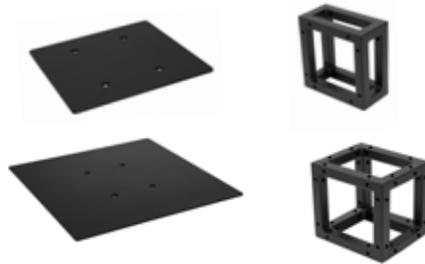
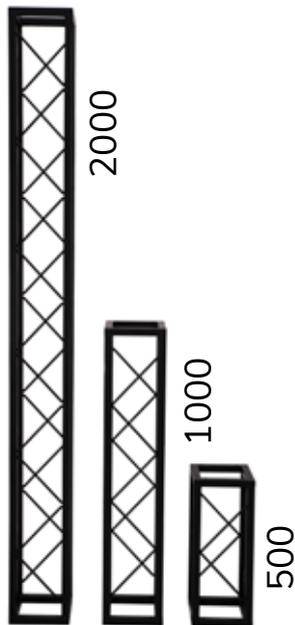


DECOTRUS QUAD

For purely decorative structures such as in shop fitting, there are also inexpensive, visually attractive alternatives. Under the name of Decotruss, there is now a new steel variant specially developed for decorative purposes without high loads. It is also black and powder-coated, scores with its innovative look and its comparatively very low price.



also available in silver



The system offers flexible design options thanks to various universal corners and base plates.

width	uniformly distributed load	point load at center	load in 1/4 points	load in 1/4 points	load in 1/4 points
(m)	(kg/m)	(kg)	(kg)	(kg)	(kg)
1,5	205	157	101	72	56
2	116	116	87	58	49
2,5	74	92	69	46	38
3	50	76	57	38	31
3,5	36	64	48	32	27
4	27	54	41	27	23
4,5	21	47	35	24	20
5	17	41	31	21	17
5,5	13	36	27	18	15
6	11	32	24	16	13
6,5	9	28	21	14	12
7	7	25	19	13	11
7,5	6	22	17	11	9
8	5	20	15	10	8

GET INSPIRED!

Interviews: Apparat, Joris Voorn, Alex Niggemann, Haelos

Do you have a clear vision, in advance, of how a new album should sound? «

Apparat / Initially, there are always big concepts. For my current album "LP5", the concept was to create the greatest possible distance from our Moderat project. It always comes out different than you intend for it to be. You have to go with it. If you fight too much, you kill the essence. That's why the plans you had in the beginning always dilute after a while and the relationship between the songs is more likely to come from the sound design. In my song folder, there are a lot of basic ideas that you could easily turn into rock songs. **It's only the electronic arrangements that give my songs that "Apparat feeling".**



Joris Voorn / I still get my inspiration from electronic music in the mid 90s. To this day, I believe that it was the most beautiful time for dance and electronic music. So much was discovered back then, from the heyday of Aphex Twin to Detroit and UK techno. It was all very melodic and opulent, which left a great impression on me. I like to make music that sounds good in a studio, in the car or just walking around in the city. I want to create something that touches you in a different way than club grooves. **When I make music, I try to make it come from the heart.**



Alex Niggemann / It rarely happens that I have a concept in my head. We are all influenced by different things in our surroundings. Therefore, I prefer to benefit from certain moods. **That means I go into the studio and simply let the sound inspire me.** I am more of a composer and creator than a technical nerd who has to try many different things. There are always those moments when I have melodies in my head, or someone plays a note, and I have an intuitive feeling for what has to follow.



Haelos / **We don't plan anything, we simply go to the studio and see what happens. It's like a gold mine. We always want to discover something new.** Our first album „Full Circle“ was completely studio-based. When we toured with it and brought it on stage, it changed something in us, which formed the new record. We tried out a lot in front of an audience and watched their reactions. The boundaries are now wider than on the first album and there are more live parts compared to programmed sounds. We like the combination of electronic parts and live instrumentation. It's a nice thought that our music is a collaboration of man and machine.



New every month: The music magazine with answers to all questions about music, production, mixing and DJing. Available in english (digital) and german (print, digital).

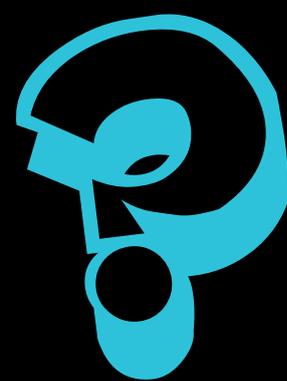
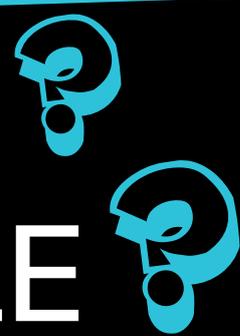


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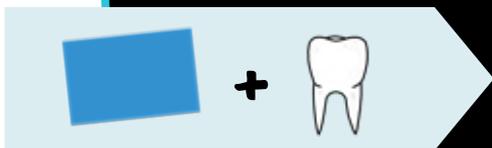
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THE FUNNY PICTURE RIDDLE



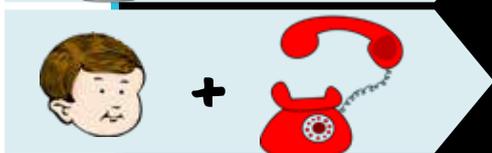
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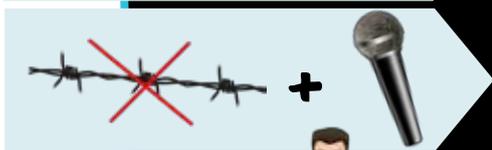
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1 2 3 4 5 6 7 8 9 10 11

Solution: 1 2 3 4 5 6 7 8 9 10 11



DISINFECTANT DISPENSERS

Whether you see it as a necessary evil or as a service to the visitor: disinfectant dispensers can be found literally on every corner. The manufacturers have adapted to the increased demand and offer suitable stands for every taste and application. Here we present you four versions:

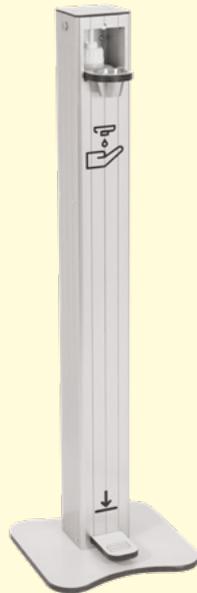
THE MOBILE ONE



EUROLITE Disinfection Stand
black or white

Quick to assemble and disassemble and usable everywhere is this model from Eurolite. The universal holder holds disinfectant bottles up to a size of 107 x 79 mm.

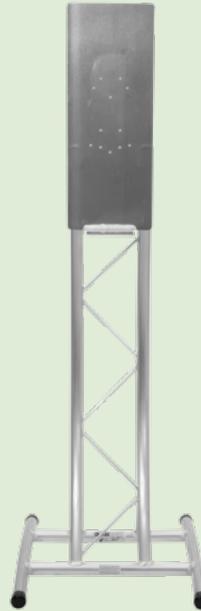
THE MODERN ONE



STD-2 Sanitizer Stand

With this model, a single step on the pedal at the bottom is sufficient to dispense disinfectant. This way the user does not have to touch anything with his hands.

THE ROBUST ONE



ALUTRUSS STD-3 Sanitizer Stand

The version from Alutruss scores with its robust construction in truss look. Nevertheless, the aluminum stand is easy to transport, weighing less than five kilograms.

THE CREATIVE ONE



DIMAVERY SET DIY Hi-Hat disinfectant dispenser

The Dimavery brand, well known as an instrument manufacturer, is focusing on originality with this model: when you step on the pedal, the Hi-Hat releases the dispenser mechanism.

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The inner part of this Move Magazine was printed on environmentally friendly, recycled paper. For compensating the CO² emissions caused by the production of the magazine, 8 trees have been planted.

Delivery, technical changes, errors and omissions exempted. All pictures are similar and partially symbolic.

The new size

eurolite® LED KLS **NEXT FX**



- 4 spots, each with 3 x 3-Watt high-power LEDs in red, green, blue and warm white
- 4 UV-LEDs
- Show laser of the class 2 (red, green)
- Two applied mushroom beam effects
- USB interface for the USB Quick DMX System
- Extra long 3m connection cable