



DMX Lasers
Show Lasers
Laser Systems



Tweety Moving Head Laser

Moving head Multi Color show laser

Tweety
MOVING HEAD LASER



Aufwendig programmierte 64 Beam- und Grafikpatterns im internen Speicher. Jede einzelne dieser Animationen läßt sich über weitere DMX-Kanäle verändern, drehen, bewegen oder zoomen. Somit erschliesst sich eine nahezu unendliche Vielfalt an neuen Figuren. Keine gleicht der anderen, aber alle sind immer wieder reproduzierbar. Die Steuerung erfolgt über insgesamt 8 DMX-Kanäle. Es ist kein weiterer Computer notwendig.



Die langlebigen Laser sind abgestimmt auf maximale Performance, die mittels ClosedLoop Scanner in den Raum gebeamt werden. Eine elektronische Überwachung schaltet im Fehlerfall den Laserstrahl aus, so daß eine Gefährdung Ihrer Gäste ausgeschlossen ist. Die hellen Laser bieten eine hervorragende Performance und Sichtbarkeit auch in großen Räumen und Theatern.



Tweety Moving Head Laser sind erhältlich bis 200mW Grün oder MultiColor RGY

Genious moving head laser show for the price of a spotlight! Complex programmed 64 beam and graphic patterns are held in the internal memory. Each one of these animations can be manipulated and changed via DMX commands in movement, rotation, zooming and speed. This opens up an almost infinite number of laser animations and patterns, each one different and independent, but reproducible at any time. All controls are done by DMX, no extra computer necessary.

The integrated bright lasers are matched for maximum performance with the new developed closed loop galvo scanners, also for medium to large venues. The ACS-technology switches off the laser beam in case of any scanning failure. By using switching psu technology, the system is adaptable onto any power source in the world.

Tweety Moving head lasers are available up to 200mW green or 200mW multicolor RGY.

- 64 sophisticated basic patterns
- graphic patterns included
- Closed loop galvos with safety control
- 8 DMX channels for powerful operation
- Rotation, Zoom, Wave, In/Out, Color change
- Precise hybrid stepper motors
- Dimmable lasers
- Available from 50mW green to 200mW RGY

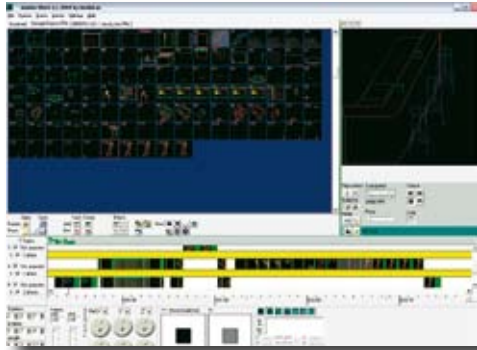
Technical details:

Output power after laser	<50mW, <100mW, <200mW, RGY: 120mW red / 80mW green
Deflection angle	30° optical angle
Scanspeed	up to 12,000 pps
Number of basic patterns	64
Number of DMX channels	8
Action of DMX channels	Channel 1/2: Pan/Tilt Channel 3: 64 Patterns, Shows and Animations Channel 4: Laser On/Off/Strobe Channel 5: Size/Zoom Static/Dynamic Channel 6: Rotation Static/turn right/turn left Channel 7: Wave Static/Running Wave Channel 8: Color/Effect
Laser class	3b
Power reqd.	90 - 250VAC / 60 W max.
Dimensions	40x40x52 cm
Weight	7kg



Mamba

Professional lasershow software with easy user interface



Das Zeitalter professioneller und bezahlbarer Lasershow-Software ist endlich da! Mit Mamba Black präsentieren wir ein Paket voll mit aktuellstem KnowHow aus 18 Jahren Technik und Showerfahrung. Die multifunktionale Timeline unterstützt beliebig viele Tracks, welche zeitgenau zu einem ausgewählten Soundtrack abgespielt werden. Zusätzlich sind pro Track beliebig viele Subtracks mit Effekten möglich. Highlight: Alle Manipulationen werden in Echtzeit sowohl auf der Timeline als auch am Vorschaufenster angezeigt! Sie sehen also immer wann was wo passiert!



Mamba Black ist nicht limitiert und läuft auch auf Notebooks über USB-Interfaces wie MediaLas USB-Box, OEM-USB Card, aber auch Steckkarten wie QM2000 oder anderen.

Mamba Black is the new, hot lasershow software, programmed in open hardware concept. Mamba is not limited to any output card or specific hardware, and is compatible to most existing interface boards, such as MediaLas USB box, OEM-USB Card, QM2000, or others. The very intuitive user interface offers all necessary features for perfect shows. Unlimited numbers of tracks offer incredible capabilities for synchronizing your lasers to almost any music format.

- Internal resolution 32 bits per channel
- Full X, Y, RGB, Blanking/Fading
- Import of Mamba 2004, ILD, LaserPainter, HotBoard, Avatar- Export of Mamba 2004, ILD, LaserPainter, HotBoard, Avatar
- Unlimited number of tracks on timeline
- SMS-to-Laser for standard Siemens/ Nokia GSM phones/GSM modem
- Scrolling text on timeline with morphing and animation
- Scanspeed up to 130,000 pps
- Realtime frame editor
- Fully object oriented editing at any time
- Unlimited number of frames
- All True Type Fonts available
- Sync to CD, WAV, MP3
- New enhanced colorizing algorithm
- Recoloring by using bitmap files
- Unlimited number of projectors
- ViPro Virtual projectors with geometric correction
- Low cost USB interface available



MediaLas

Power VX

High Power Laser Projector

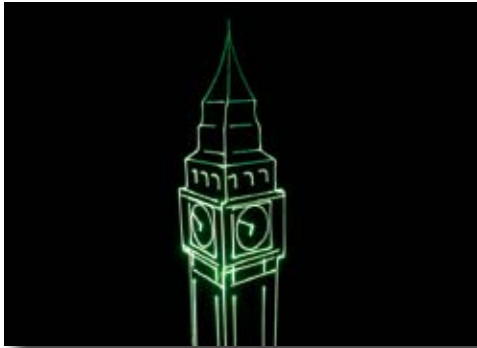


LASERSTRAHLUNG
BESTRAHLUNG VON AUGE ODER
HAUT DURCH DIREKTE ODER
STREUSTRALUNG VERMEIDEN
LASER KLASSE 4

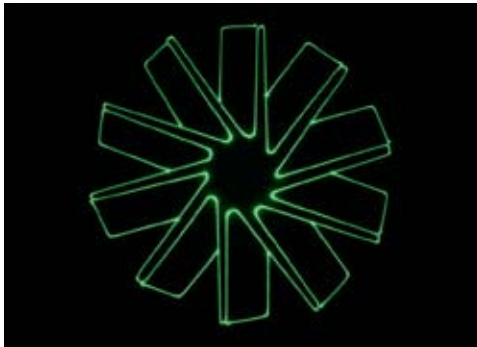
PowerVX

High power graphics and beam show system

PowerVX



Der „PowerVX“ Hochleistungs-Laserprojektor ist die gigantische und voll grafikfähige Lasershow für Discothekeneinsatz, Bühnen, Theater oder mobile Anwendungen. Seine präzisen und schnellen Ablenkeinheiten überzeugen durch lautlosen Betrieb und hohe Genauigkeit im Vergleich zu asiatischen Billigprodukten. Die dynamischen und kontrastreichen (>1:8000) Projektionen des PowerVX Laserprojektors bringen Abwechslung in den Showalltag.



Kompakte Abmessungen und ein äusserst stabiles Metallgehäuse mit geräuscharmem Wärmetauscher ergänzen die hochwertige Ausstattung. Sehr überraschen wird sie mit Sicherheit der angenehm günstige Preis der PowerVX Serie!



The marvellous high power projector PowerVX is the final lasershow solution for discothec, stages, theater or mobile applications. Not comparable with cheap asian laser products, all PowerVX projectors offer full graphical capabilities with very high scanning speed, noiseless operation and professional results. The dynamic and rich in contrast projections of the PowerVX laser unit will astonish you and your guests!

Compact dimensions and a very rugged aluminum housing completes the high class configuration. Additionally, you will be very suprised by the pleasant low price of the PowerVX series!

- Powerful green lasers up to 2.5W
- Fast graphic scanners 45.000 pps
- ILDA standard connector
- Full fading for lasers
- Very low noise heat exchanger
- Rugged aluminum/steel housing
- Compact dimensions

Technical details:

Laser type:	DPGL solid state lasers
Output power after laser:	300- 2000mW full power
Deflection angle:	>50° optical angle
Scanspeed	up to 45,000 pps (225.000 pps CN)
Blanking speed	up to 30 kHz
Input sensitivity	Analog +/-5V
Blanking sensitivity	Analog 0-5V
Texts	Yes, all inline and outline fonts
Running texts	Yes
Patterns	Yes
Logos	Yes
Animations	Yes
Laser class	3b/4
Power reqd.	115 - 240VAC / 300W max.
Ambient temperature	10° C - 35° C
Dimension	475x265x125mm
Weight	<14kgs



Sniper

Compact graphics and beam show satellite system

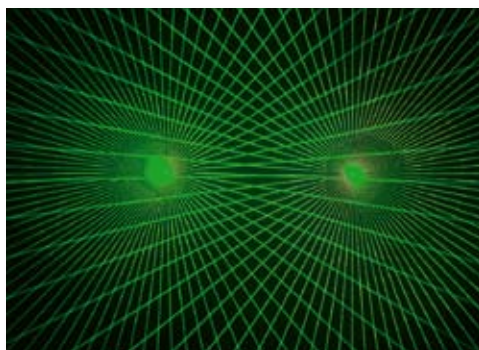
SNIPER



Der „Sniper“ Laserprojektor ist die gigantische und voll grafikfähige Lasershow für Discothekeneinsatz, Bühnen, Theater oder mobile Anwendungen. Seine schnellen Ablenkeinheiten überzeugen durch lautlosen Betrieb und hohe Genauigkeit. Die dynamischen und kontrastreichen (>1:8000) Projektionen des Sniper Laserprojektors bringen Abwechslung in den Showalltag.



Kompakte Abmessungen und ein äusserst stabiles Kunststoff/Metallgehäuse ergänzen die hochwertige Ausstattung. Sehr überraschen wird sie mit Sicherheit der angenehm günstige Preis der Sniper Serie!



The marvellous Sniper is the affordable lasershow solution for discothec, stages, theater or mobile applications. Not comparable with cheap asian laser products, the Sniper offers full graphical capabilities with very high scanning speed, noiseless operation and professional results. The dynamic and rich in contrast projections of the Sniper laser unit will astonish you and your guests!

Compact dimensions and a very rugged metal/pvc housing completes the high class configuration. Additionally, you will be very suprised by the pleasant low price of the Sniper series!

- Very compact aluminum/pvc housing
- Fast graphics scanners with 45,000 pps
- Laser power up to 200mW green
- Multi voltage input for worldwide use
- ILDA standard connector
- Wide deflection angle
- Low weight
- Low cost

Technical details:

Laser type	DPGL solid state lasers
Output power after laser	50 - 150mW
Deflection angle	>60° optical angle
Scanspeed	up to 45,000 pps ILDA test pattern
Blanking speed	up to 30 kHz
Input sensitivity	Analog +/-5V
Blanking sensitivity	Analog 0-5V
Texts	Yes, all inline and outline fonts
Running texts	Yes
Patterns	Yes
Logos	Yes
Animations	Yes
Laser class	3b
Power reqd.	115 - 240VAC / 60W max.
Ambient temperature	10° C - 35° C
Weight	<5kgs



SPOOKYBLUE^{V3}

LASERSTRAHLUNG
NICHT DEM STRAHL AUSSETZEN
LASERKLASSE 3B

DMX controlled Multi Color show laser



Vollwertige Lasershow, so einfach wie ein Scheinwerfer! Einfach in die vorhandene DMX-Leitung einschleifen und sofort loslegen. Keine Wartezeit, keine Aufwärmzeit, keine Wasserkühlung und keine Einarbeitung notwendig. Durch das beiliegende Mustergutachten bis 200mW ersparen Sie sich sogar die komplette TÜV-Abnahme - genehmigungsfreier Betrieb für jedermann!



Die aufwändig programmierten 64 Animationen und Bilder des SpookyBlue sind mittels 6 DMX Kanälen abruf- und manipulierbar. Somit erstreckt sich die Laserwelt des SpookyBlue V3 auf mehr als 70000 verschiedene Animationen! Eine elektronische Überwachung schaltet im Fehlerfall den Laserstrahl aus, so daß eine Gefährdung Ihrer Gäste ausgeschlossen ist. Optimale Performance auch in großen Räumen!

SpookyBlue DMX Laser sind erhältlich bis 150mW Grün, 120mW Rot oder 200mW Multicolor.



High class laser show, as simple as a spotlight! Just simply add these cuties to your existing DMX line and start your laser show immediately. No waiting time, no warm up time, no watercooling and no software lessons necessary. For the EU, the new certificate, according to DIN EU standards, will allow a safe operation without requiring a safety officer's check - for everybody!

64 complex and basic animations are stored on the internal memory and can be replayed and manipulated by using six DMX channels. More than 70,000 different and astonishing effects are possible! From slow wave flying over the audience, to fast techno beams - the new SpookyBlue V3 contains them all! An electronic safety device monitors safe laser operation and switches off the laser beam at unsafe conditions. The bright lasers offer an unbelievable performance even at large areas and venues.

SpookyBlue DMX projectors are available up to 150mW green, 120mW red or 200mW multicolor.

- 64 basic animations and effects
- Operates on 6 DMX channels
- Powerful lasers up to 200mW RGY
- Rotation, Zoom, Strobe, Wave
- Closed loop galvos with safety control
- Small and compact
- Long lifetime
- Including safety certificate

Technical details:

Output power after laser	>30mW, 50mW, 75mW, 100mW, 150mW, 200mW
Color balance RGY	100RGY: 40mW G/70mW R 200RGY: 80mW G/120mW R
Deflection angle	>30° optical angle
Scanspeed	4.000 - 10.000pps
Number of patterns	64
Number of DMX channels	6
Effect manipulations	Size, Rotation, Zoom, Strobe, Wave
Laser class	3b
Power reqd.	90 - 250VAC / 30W max.
Dimensions	ca. 285x100mm
Weight	3.1 kg

MediaLas Quality Manifest

10 reasons why to purchase from MediaLas



Designed by german engineers

Our engineering crew knows how to spell „laser“. Experienced and very skilled technical personal worked many hours overnight, to offer you the best solution possible with today’s technology. We use only components, which we are convinced of, that these parts will last the time you recommend – even in difficult ambients like asian’s hot and humid summer. Our development office is equipped with most modern test and measurement equipment, the crew is trained and skilled and is supported by many technological awards and patents.

Cheaper means, you can lose more money!

„What is this guy telling me? A cheaper laser saves my budget!“ Is this what you think? So please, let us convince you of the opposite. Cheap stuff means, there is no money left at the manufacturer for after sales service. Everybody tell’s you, he’s got the best service available. This might be true, but what we heard from many clients different. What, if the company you purchased the laser from, will not exist anymore in one year? What, if a trading company tells you to send back the defective laser unit, but they are not sure if the manufacturer will return it ever? What, if your laser system will fail after a week, and your seller tells you, it is your fault and there is no warranty? What, if your system is unstable and has to be readjusted daily? Check out local trade shows, some do even realign hourly! Can you imagine, how much money you spent for a non working system? Save it and go to MediaLas Laser Systems. Highest price/value ratio is pro-

mised! MediaLas Germany is a healthy and organized multi million dollar company with a long lasting history of more than 15 years. You will always reach somebody by phone, by mail or by fax, that helps you.

100% burn in test

You never know what a laser is doing during his lifetime, but you can reduce failure rate to a minimum – if you know how. And we do. Every single laser module gets a fully burn in test, with another 50 hours of continuous operation. If the laser loses power within this testing period, it will be fully reworked and tested again. Did you know, that more than 90% of laser failure happens within the first 50 hours? Year by year, more than 1,000 lasers pass our factory. We know how we have to treat lasers, to ensure a long lifetime.

Perfect color matching

Against many other systems, MediaLas laser systems and projectors are matched in color and output power. This means, a 1W laser unit does not contain 800mW of invisible 671nm red, and the rest is split into green and blue. It would give you visibility of a small 300mW multicolor system, and not the expected 1W of highly visible laser light. Trust our eyes, they know how you see and what you see. With much knowhow and physical experience, our engineers calculated the best possible brightness within the color triangle, and provides training and courses for other laserists. MediaLas has been the first private company in the world, which started already in 1996 with teaching laser safety, committed by german authorities. In the meantime, more

than 1,000 laserists learned from us how to treat lasers and how to deal with safety issues and color balance problems.

Very good beam quality

A very important issue in the visible quality of a laser show is the beam quality. It tells you, how far you can project with the laser system, and how far you can see a real laser beam, and not some dirty light saber stuff. It does not do you any good, if your laser beam looks like a focused LED light. All MediaLas laser systems offer highest quality with patented and awarded laser technologies. The low divergence lasers will have a real laser beam also on long distances. Check this out, before you purchase: What happens if you see the beam after 5 meters? After 10 meters? Still a laser beam?

Fully dust sealed housing

Take a closer look at the many different housings of all these „manufacturers“. Do you see the large air holes and noisy fans inside or outside? See, how much dirt they bring into the unit? Ask them, if this is necessary. We tell you, it isn’t! And we can assure you to believe us. Even in tropical conditions, with 40° C outside temperature and high humidity, these laser units stood their test without any failures. Our engineer crew designed a tremendous breakthrough in cooling and heat exchanging, that can work with a fraction of air, by increasing the efficiency of heat transportation. Just have a look at the small fans, we mounted on the Mystique MultiColor laser systems. We did not do this for fun, it is purely calculated! The slow, but massive airflow inside the heat exchangers heat-

sink, consumes most of the warmth of the mounted lasers, and carefully delivers this energy to the outside ambient. The special and very sophisticated design of the heatsink's LAMELLEN increases the surface by almost 80% of its normal value. The magic word is „Aerodynamics“. Additionally, fan noise is reduced to an absolute minimum. This is why MediaLas laser systems can also be used in low noise venues, clubs, theaters or on stage. Participate in technology, that even Formula 1 teams participate from - the air channel test! We did it – did other manufacturers too?

High scanning quality

We often see figures and shapes moving and jumping around during scanning. Especially if normal scanning figures are combined with steady beams, the scanners are no more capable of running this „hard-to-handle“ projection stuff. Your beams will jump, your show looks terrible and your guests will be not very delighted about this poor presentation. This is why we use only state of the art patented and awarded originals – no cheap imitations or copies – scanners from Cambridge Technology, Inc., with our own design of a fast and show optimized driver, the 1000-fold sold MicroAmp. You can shoot steady beams, and have a running text on your screen at the same time! All Mystique 1000 and up contain these high end scanners. All smaller systems can be equipped with these cuties optionally.

Stable beam alignment

Once adjusted, MediaLas Mystique systems will hold the alignment for a very long time. We do not say, forever, cause this would not be true. On how many trade shows did we see our colleges on the other stands hanging around in the morning, realigning their laser systems, doing it again maybe once, maybe twice, maybe more a day? Do you like to do this also? We just hang our projectors into the truss, and there they stay for a long time, and noone is touching them anymore. Instead of glueing cheap aluminum angles to a metal base, we use especially designed optical mounts, milled in brass and aircraft aluminum, screwed to the very strong, anodized black aluminum breadboard with forged steel screws. Believe it or not, we know how to deal with aligning issues!

No maintenance and no precautions

Oh no, not again... So many times we see air cooled MultiColor lasers with tons of „safety“ equipment, such as temperature displays, „laser hot“ LEDs or other warning lamps. And so many times we ask ourselves – for what reason? Do you like to purchase a laser, which has to be monitored constantly, if it gets too hot and then switch off and wait until it came down again? We bet you don't! And so do we. The dust sealed optical section does not need cleaning for a very long time. The cooling will also work at 40° outside temperature. There is no „overheat“ warning sign, no temperature display, cause it is not necessary! We want you to WORK and make money with the laser system, and not monitoring it.

Fully “World compatible“

MediaLas Mystique laser systems offer highest compatibility degree available today. The power input is fully switched for power from 90 – 250VAC. The signal input, either ILDA or DMX, is a world standard and fits to every software, console or computer, that corresponds to this standard. No special interface box or transformers are necessary.

Check us out on the next trade show. Log in into our web presentation and see the Mystique and his smaller colleges. Make an appointment with the next distributor or dealer for a brief presentation. Call us and visit us in our in-house demo disco. If you come from overseas, the accomodation is on us.

Not every laser system is the same! I bet you heard that before. Everybody claims his laser system as the best, the cheapest, the most versatile. But if we tell you this, we also mean it, and we can prove it! The brand „MediaLas“ stands for extraordinary engineering and design, and for highest quality and reliability. This is, why thousands of laserist worldwide already have chosen MediaLas projectors and systems as their working tool.

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