



Solutions to evoke emotions

TOUR LIGHTING

PRODUCTS

(Please visit martin.com for
more product info)

Transforming experiences into memories

Tour lighting needs to amplify the performance so that even people at the back are part of the experience. Every part of the show, including (if not especially) the slow, quiet moments, needs to reach audiences in the far back corners of the room, or in the last row of the stadium, to make them feel connected to the artist and the performance.

A live music experience is something that can't be copied and pasted, downloaded or streamed. Although music is personal and can now be enjoyed anytime, anywhere, the experiences we offer require effort, they take time, they demand attention – and when the audience makes that investment I feel we owe them the best translation of the artist's work.

My goal is to remove people from their otherwise hyper-connected, yet painfully insular online "social lives", to make them feel part of something bigger. When they allow themselves to be immersed in the event they can enjoy the communal experience so absent in modern life. Those moments where everything comes together are what will stick in people's minds and hearts. This is when experiences transform into memories – through conveyance of emotions.

As I work mainly with rock bands who play live music, I try to keep my cueing very pliable. This way, I can easily follow the band when they suddenly go off on a tangent and do something unrehearsed – another way of maintaining that human connection. Ultimately, the style of music and the intention of the artist dictates the kind of emotions I try to evoke with the audience and the tools I use. Lighting extends out and physically touches the audience. When it envelops the crowd it can be a unifying element; when it attacks the crowd it can be a weapon. However you choose, it can always be an effective conduit of emotion.

DAN HADLEY

Lighting designer

PRODUCTS

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Tour lighting – why have it?

Why do you work with it?

Why do we?

Probably there are several answers to these questions, but what it boils down to is that stage lighting is associated with emotions, and people who work with lighting one way or another – want to evoke the audience's emotions. Evoke emotions? Call it what you want; whether you call it making an impact, creating experiences or simply getting a reaction from the crowd, it is all connected with people's emotions.

Evoking emotions with tour lighting solutions

Stage lighting is that extra factor that adds to the experience; that cream on top. Far from everyone pays attention to the lighting during a performance, but if there were no lights, everyone would notice. Equally, few people turn up to see a light show; they come to see an act, a show, a performance. Essentially, lighting can contribute to connecting people emotionally to the experience. That's how powerful memories are created.



Complete tour lighting solutions from Martin

Martin Professional and tour lighting go way back! Tour lighting is in our DNA.

Your job is to apply your creativity and come up with the most stunning lighting designs. Our job is to deliver the best tools and equipment to bring those designs to life and to support you in your work.

We give you everything you need: A complete solution with lighting, creative video, atmospheric effects, control, data distribution and video processing. And we're right there with you all the way – no matter the time or the location.

PRODUCTS

(Please visit martin.com for more product info)



Solutions to evoke emotions

Make the crowd feel part of something bigger

PRODUCTS

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SWAN LAKE AT THE ROYAL DANISH OPERA

VC-Strips and MAC Viper Profiles act as important set elements

Credits

Photo: Ralph Larmann

8

In the spring of 2015, the Royal Danish Opera staged Tchaikovsky's famous ballet, Swan Lake, in a new production. Staged for the first time almost 150 years ago, countless versions of the tragic love story of Swan Lake have since been shown in theatres across the globe. To bring new life to the classic piece for the Royal Danish Opera (RDO) called upon Finnish Designer, Mikki Kunttu to develop an original lighting, video and set design.

Kunttu and his team wanted to challenge tradition with a new approach. As an experienced lighting and set designer in genres ranging from concerts to theatre and TV, Kunttu always looks for the essence and tries to represent that somehow in his designs. His methodology is much the same whether designing for a concert or a ballet:

"Often you're hoping to evoke the same kind of emotions regardless of the application you're designing for. That part is the same – your toolbox just varies slightly in the different fields."

One of the main challenges in ballet is that the stage floor needs to be kept free of scenographic elements to leave space for the dancers. Kunttu envisioned a dynamic structure flying above the stage – being able to travel in the air like feathers but at the same time possessing a dark and heavy undertone. He wanted it to represent

the darker side in the story and work as its own character. Thus, Kunttu and his team developed a cut-out structure with an abstract shape to sometimes reference elements in the story, such as a castle. The appearance of the structure depended on the video content projected onto it and through it as well as how the structure was lit.

Furthermore, Kunttu used eight towers of MAC Viper Profiles to add dimensionality and create a space without directly lighting the dancers. The house rig (appx. 20 MAC IIIs) were used to add volume and heavy color to the production.

32 VC-Strips of 4 meters each were also part of the production. In the first lake scene the fixtures served purely as set elements with no content displayed on them. They were then lowered all the way down to stage level with the dancers moving around them as if they were trees, symbolizing the swans' journey through the dark forest towards the lake. In the second act, Kunttu used the fixtures as living pixels resembling stars above the Swan Lake.

For full story go to martin.com

MARTIN EQUIPMENT

MAC Viper Profile, 48 pcs.

MAC III Performance, Profile and Wash, 30 pcs.

VC-Strip, 320 pcs.

P3-100 System Controller

PRODUCTS

MAC Viper Profile



p. 22

VC-Strip



p. 34

PRODUCTS

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9

QUEEN + ADAM LAMBERT

MAC Viper AirFXs pay tribute to classic Queen shows

Legendary British rock band Queen just finished a world tour. Since the loss of their multi-talented front-man Freddie Mercury in 1991, original band members Roger Taylor and Brian May have worked with several vocalists. For their recent tour, they joined forces with Adam Lambert – known for his participation in season 8 of *American Idol*.

Lighting Designer Rob Sinclair's lighting design includes 97 MAC Viper AirFXs. The previous leg of the tour was done with MAC Viper Profiles, but when UK rental company NEG Earth had the MAC Viper AirFX in stock Sinclair jumped at the chance to work with them. He first got acquainted with MAC Viper AirFX last year at a shoot-out in Las Vegas where the fixtures displayed tremendous output and efficiency. He then took 120 of them on the Kylie Minogue Kiss me Once tour. To Sinclair, it was purely about brightness. He needed something bright enough to compete with an enormous LED screen, spotlights and the many other stage elements.

The MAC Viper AirFX is known for its versatility. It is the original hybrid fixture which gives you hard-edge, mid-air effects and wash in one fixture without compromising on output or color.

Sinclair designs lighting for a diverse range of artists:

"My process is always the same. I study the artist and immerse myself in their music. Once I have done that I am able to do my job and help them tell their stories and present them in the best way possible."

For full story go to martin.com

Credits

Rental: NEG Earth
Set Design: Ric Lipson/Slush
Lighting Design: Rob Sinclair
Photo: Ralph Larmann

MARTIN EQUIPMENT

MAC Viper AirFX, 97 pcs.

PRODUCTS

MAC Viper AirFX



p. 23

PRODUCTS

(Please visit martin.com for more product info)

MUMFORD & SONS WORLD TOUR

VDO Sceptron fixtures frame the stage for British band

Credits

Lighting Design: Ed Warren
Rental company: NEG Earth
Chief Electrician: Adam 'Moonunit' Morris
Production Manager: Steve Gordon
Photo: Ty Johnson

British band Mumford & Sons are touring with 159 VDO Sceptron 10s and 16 MAC Quantum Washes. Since getting together in 2007, the band has toured most of the world with very few breaks in-between. In 2010 lighting designer and friend of the band, Ed Warren, was approached and asked to design the lights for an upcoming tour and has since become Mumford & Sons' regular Lighting and Production Designer.

In the initial stages, Warren presented his ideas to the band using mood boards. They liked it and when finalized, he submitted his design to UK rental company NEG Earth, along with a product specification list. After reviewing Warren's list, Project Manager at NEG Earth, Caroline Beverley suggested using the new VDO Sceptrons from Martin Professional as an alternative to the fixtures specified. Beverley said they would be perfect for Warren's design, and when Warren saw them he was easily persuaded:

"The VDO Sceptrons were perfect for what we wanted to do. As some of the concerts happen during daylight, I needed fixtures with a good color output and brightness. The Sceptrons do just that – even in sunshine."

The VDO Sceptrons play a leading role in the design where they frame the stage and trusses. The fixtures are mounted onto the downstage edges and the two risers, and along the vertical lines of ten towers upstage. Side

trusses and three U-shaped trusses above the band are also lined with VDO Sceptrons, adding a futuristic look to the show. Although capable of displaying video content, Warren uses the VDO Sceptrons in simple RGB mode on four channels. This design ended up suiting Mumford & Sons very well.

Every lighting designer has his/her own vision of what lighting can and should add to a performance. Warren's philosophy is to create an experience for the audience and give them something different to what they're used to seeing. He is also concerned with making people feel part of something. Rather than just being present at a concert and watching a band on stage, he wants to immerse the audience in the experience and make them feel at one with the band and the performance. Warren elaborated:

"The art of lighting design is to support and reflect what the band is trying to evoke with their music without distracting from it. You want to complement the music and stir the audience as much as possible, but you need to respect that people have come to see the band – not necessarily the light/strobe/laser show."

For full story go to martin.com

MARTIN EQUIPMENT

VDO Sceptron 10, 159 pcs.
MAC Quantum Wash, 16 pcs.

PRODUCTS

VDO Sceptron 10



p. 33

MAC Quantum Wash



p. 20

PRODUCTS

(Please visit martin.com for more product info)



Solutions to evoke emotions

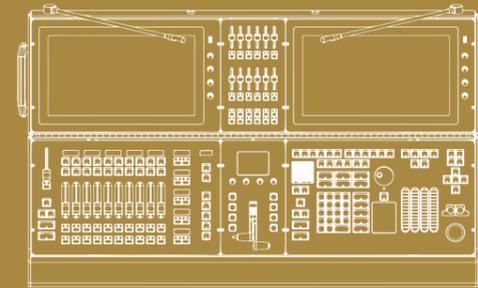
Turn goosebump moments into memories

PRODUCTS

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Martin tour lighting control solutions

Easy mapping and control



M6



MAC Quantum Profile



MAC Quantum Wash



MAC Axiom Hybrid



MAC Viper AirFX



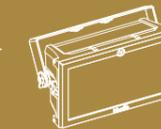
MAC Aura XB



MAC Viper Profile



JEM ZR45



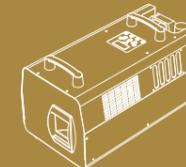
Atomic 3000 LED



Ether2DMX8



RDM 5.5 splitter



JEM Hazer Pro



Y-Splitter



VDO Sceptron



VDO Sceptron



48V PSU

PRODUCTS

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MAC Axiom Hybrid

The MAC Axiom Hybrid is a true all-in-one product, combining beam and spot into one compact unit that also offers diffused wash functionality. The high precision optical system offers super-high contrast, both in mid-air and projection as well as a surprisingly flat field, usually not seen with this short-arc lamp technology. The implementation of the MAC Viper CMY color palette gives designers the advantage of unlimited choice from subtle pastel shades to deep and saturated colors.

All this comes in a small footprint and light-weight product which delivers superior performance in the best feature vs. size and weight ratio available in the market.

All-In-One Product
– Packed with Effects

Tight and Narrow Beam
– Amazing Intensity

MAC Viper Color Palette
– Superior CMY Color Mixing

☀️	Osram SIRIUS HRI 440W
☀️	16,000 lm
⚙️	CMY plus variable CTO and color wheel
📐	2-44°
★	Gobos, Animation pattern, Prisms
📏	610 x 355 x 400 mm (24 x 14 x 16 in.)
📖	23 kg (51 lbs.)

Atomic 3000 LED

The Atomic™ 3000 LED is the perfect blend of a traditional strobe and cutting-edge LED technology. Capitalizing on the original Atomic™ 3000 DMX's 15 years of success, this new version features identical functionality and behaviour – with the added benefits of LED technology. It offers the same extreme brightness as its iconic predecessor, but with substantially lower peak power consumption, which means you can use it on any standard power supply.

Internal FX macros and simplified re-use of the original color scroller complete the full-feature package and empower the Atomic 3000 LED to become the ultimate creative lighting tool.

Brightest LED-based strobe on the market

Unique RGB-controlled Aura backlight for stunning eye candy looks

Same look and feel as the original Atomic 3000 DMX

☀️	LED
☀️	Max. 180 000 lumens
⚙️	White strobe with RGB-controlled backlight
📐	140° x 90°
★	Aura Effect (Backlight) and internal FX macros
📏	425 x 245 x 240 mm (16.7 x 9.6 x 9.4 in.)
📖	6.5 kg (14.3 lbs.)



ATTRACT YOUR
AUDIENCE

Prepare to be emotionally
EXPOSED

MAC Quantum family

This LED-based fixture family addresses the need for dependable mid-sized workhorses across the entertainment industry, from rock 'n' roll to corporate events, cruise ships and houses of worship. Capitalizing on the latest and greatest cutting-edge LED technology for maximum output with high efficiency and Martin's unique proprietary optics, the MAC Quantum family satisfies the needs of any lighting professional.



MAC Quantum Profile

This extremely bright hard-edge LED fixture combines top-quality white light with a fast, yet smooth CMY color mixing system and crisp gobo projection on surfaces as well as mid-air. With all this and the new Animation™ FX system that allows never-before-seen beam animations, the market finally gets the first real 700/800 W discharge replacement.

Flat field, crisp image, high contrast

Pure white LED with 6,500 K combined with quick and even CMY color mixing

Very low weight and compact design

☀️	LED 475 W
☀️	13,000 lm
☀️	CMY plus static color wheel
📐	12°-36° (1:3)
★	Gobos, prism, iris, internal FX macros
📏	452 x 431 x 648 mm (17.8 x 17.0 x 25.5 in.)
📏	23.2 kg (51.1 lbs.)



MAC Quantum Wash

The MAC Quantum™ Wash features tight beams, beautiful wash fields, a market-leading color palette and uniform color mixing that combine to accommodate the most demanding applications and offer brightness and perfection. 750 W of RGBW LED power and Martin's renowned optical system provide maximum output and superior performance.

RGBW LED color mixing with unique extended color mode

1:5 zoom for tight beams and even washes

Beam twister effects: Rotating front lens for stunning mid-air and projection effects

☀️	LED 750 W
☀️	16,000 lm
☀️	RGBW plus virtual color wheel
📐	11°-55° (1:5)
★	Aura Effect, rotating front lens, internal FX macros
📏	452 x 431 x 581 mm (17.8 x 17 x 22.9 in.)
📏	21 kg (46.3 lbs.)



MAC Aura XB

The MAC Aura™ XB takes the award-winning, innovative and compact MAC Aura™ LED wash light to the next level, incorporating many new features first introduced in the MAC Quantum™ Wash. The MAC Aura XB offers almost twice the amount of brightness compared to its predecessor and features a new superior color mixing system and an optimized lens design. Martin's unique and patented eye candy Aura Effect™ is also part of the package.

Super bright single lens wash light with fully pre-mixed color

Compact design and low weight

High efficiency, low power consumption, long service life

☀️	LED 285 W
☀️	6,000 lm
☀️	RGBW plus virtual color wheel
📐	10°-60° (1:6)
★	Aura Effect, internal FX macros
📏	302 x 302 x 360 mm (11.9 x 11.9 x 14.2 in.)
📏	6.5 kg (14.4 lbs.)



MAC Viper family

The launch of the MAC Viper™ family can be considered a milestone in the history of automated lighting. The award-winning MAC Viper Profile and its companions quickly became an industry standard all over the world. No matter the challenge, with a total of seven variants and front lens accessories there will always be a MAC Viper that can do the job properly – with the added bonus of worldwide availability.



MAC Viper Profile

The compact MAC Viper™ Profile offers brightness and speed in an industry standard, high-output profile luminaire with an exceptional feature set, superior light quality and a highly efficient optical system. It outperforms all market-leading profiles in the 1,200 W range, and is even an alternative to 1,500 W fixtures. With its 1,000 W HID source, it is over 50% more efficient than its 1,200 W rivals.

26,000 lm – excellent light quality with a very flat and uniform field

1:4 zoom – fast and precise with auto-linked focus

Large aperture front lens for fat beam looks

☀️	1,000 W HID
☀️	26,000 lm
☀️	CMY plus variable CTO and static color wheel
⊕	10°–44° (1:4)
★	Gobos, animation pattern, prism, iris, frost
📏	472 x 335 x 748 mm (18.6 x 13.2 x 29.5 in.)
📏	37.2 kg (82.0 lbs.)



MAC Viper Performance

The MAC Viper™ Performance is a full-feature hard-edge framing fixture that delivers an output and performance unheard of for a fixture with such a small footprint and low power consumption. This unit allows simultaneous visibility of framed edges, gobos and animation patterns. All of this, combined with lively colors, beautiful CTO variable frost and low-noise operation, makes it the ultimate theatrical lighting tool.

26,000 lm – excellent light quality with a very flat and uniform field

1:4 zoom – high precision zoom with auto-linked focus

Four shutter blades individually adjust +/- 30° (entire system +/- 55°)

☀️	1,000 W HID
☀️	26,000 lm
☀️	CMY plus variable CTO and static color wheel
⊕	10°–44° (1:4)
★	Framing system, animation wheel, gobos, iris, prism, frost
📏	472 x 335 x 748 mm (18.6 x 13.2 x 29.4 in.)
📏	37.9 kg (83.6 lbs.)



MAC Viper Wash DX

The MAC Viper™ Wash DX is a full-feature wash luminaire with a unique internal barn-door system (shutters) that enables designers to shape and control light projection onto stages, performers or any set element with great precision. This makes it a highly capable, automated substitute for a conventional daylight Fresnel fixture – with the added bonus of CMY color mixing.

33,000 lm – excellent light quality with a uniform field and 6,000 K

1:5 zoom – continuous and fast

Internal barn-door system – one pair of indexing shutters

☀️	1,000 W HID
☀️	33,000 lm
☀️	CMY-C plus static color wheel
⊕	13.5°–59° (1:5)
★	Internal barndoors, iris, frost
📏	472 x 335 x 749 mm (18.6 x 13.2 x 29.5 in.)
📏	34.1 kg (75.2 lbs.)



MAC Viper AirFX

The MAC Viper™ AirFX was engineered to replace 1,500 W fixtures, previously seen in a lot of shows mainly for mid-air effects, with no projection and often with a few, simple gobos. It is everything you love about the MAC Viper family in one versatile fixture which makes it ideal for tours and festivals, and it gives most 1,500 W fixtures a run for their money.

Hard-edge, mid-air effects and wash all-in-one

Output superior to 1,500 W spot fixtures

Vibrant colors known from the MAC Viper family

☀️	1,000 W HID
☀️	35,000 lm
☀️	CMY plus variable CTO and static color wheel
⊕	11°–58° (1:5)
★	Gobos, iris, frost
📏	472 x 335 x 749 mm (18.6 x 13.2 x 29.5 in.)
📏	35.7 kg (78.7 lbs.)



MAC Viper Beam

This easy-to-install front lens replacement kit transforms any standard MAC Viper™ AirFX into a beam fixture with linear zoom, which projects a super-narrow pencil beam of high intensity light. Ideal for big beam effects and long throws, it houses the same high-quality feature set as the MAC Viper AirFX – including a vibrant color mixing system and stunning aerial effects.

Front lens replacement kit – easy installation on any MAC Viper AirFX

Precision micro-fresnel front lens

Delivers high intensity pencil beams for long throws

☀️	1,000 W HID
☀️	28,500 lm
☀️	CMY plus variable CTO and static color wheel
📐	7.5°–31° (1:4)
★	Gobos, iris, frost
📏	472 x 335 x 885 mm (18.6 x 13.2 x 34.9 in.)
📏	37.6 kg (82.9 lbs.)



MAC Viper Quadray

MAC Viper™ Quadray is a never-before-seen, multiple-beam effect that adds a whole new dimension to the lighting designer toolbox. Available as an easy-to-install front lens replacement kit for any standard MAC Viper AirFX, the MAC Viper Quadray allows for projection of one, two, three or four individually controllable rays of light for all-new static or dynamic possibilities in mid-air effects.

Front lens replacement kit – easy installation on any MAC Viper AirFX

Unique and award-winning multi-beam effect

1, 2, 3 or 4 individually controllable rays of light

☀️	1,000 W HID
☀️	20,000 lm
☀️	CMY plus variable CTO and static color wheel
📐	12.5°–51° (1:4)
★	Individual lens rotation, gobos, iris, frost
📏	472 x 335 x 749 mm (18.6 x 13.2 x 29.5 in.)
📏	36.1 kg (79.6 lbs.)



JEM Hazer Pro

The JEM™ Hazer Pro is a robust, yet small and lightweight top-of-the-range hazer, designed for the highly demanding professional market. Its ability to produce exceptionally fine atmospheric haze quickly, while operating at low noise levels, makes it an ideal choice for rental houses, medium to large shows, theatres, TV studios, clubs, bars, cruise ships, theme parks and more.

Finest haze production in its class

Water-based fluid with long hang time

Battery-powered automatic shutdown prevents clogging

🔥	600 W – thermally protected
📏	Sealed 2.5 l
🔄	Continuous output – 5,500 m³ (194,230 ft³)/minute
✓	6 minutes
🕒	10.5/65 hours (min/max)
📏	565 x 271 x 298 mm (22.2 x 10.6 x 11.7 in.)
📏	15 kg (33 lb.) or 17.5 kg (38.5 lb.) when filled



JEM Ready 365

The JEM™ Ready 365 is a revolutionary CO₂ hazer that produces outstanding atmospheric effects for larger venues such as theatres, shows, events, TV studios, clubs, cruise ships, theme parks and more. Using an advanced water-based fluid with a performance comparable to oil, this premium hazer produces the ultimate transparent haze.

Water-based fluid with long hang time

Integrated airflow director for smooth haze distribution

Robust, fixed regulator without gauges for maximum durability

🔥	600 W – thermally protected
📏	Sealed 3.8 l
🔄	Continuous output – 5,500 m³ (194,230 ft³)/minute
✓	7.5 minutes
🕒	60/200 hours (min/max)
📏	760 x 320 x 280 mm (29.9 x 12.5 x 11 in.)
📏	16 kg (35.2 lb.) or 19.8 kg (43.6 lb.) when filled

JEM Hazer family

With the JEM hazers, Martin offers a broad and professional range of water based hazers, including the CO₂ based JEM™ Ready 365. Designed to produce small-particle haze for optimum optical clarity and reflectivity the JEM hazers feature low fluid consumption and leave no residue or smell. Low noise-level operation makes them ideal for noise sensitive applications in television and theatre.

JEM ZR family

JEM ZR is a family of powerful fog machines designed to deliver superior and uninterrupted performance in demanding professional applications. Equipped with 1,150–2,000 W heat exchangers they deliver large amounts of fog and fantastic peak output, ideal for venues of all sizes in both install and rental markets. The JEM ZRs feature variable output control for more subtle effects and are fully up-to-date with digital remote, DMX and RDM. The entire range is compatible with a wide range of JEM Pro fog fluids. As machines designed and built to last, the JEM ZRs will continue to perform with great output and low consumption.



JEM ZR25

The JEM™ ZR25 is a small, yet powerful fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its 1,150 W heat exchanger, the JEM ZR25 produces large amounts of fog ideal for small to medium-sized venues and stages in both install and rental markets.

Small but powerful fog machine

Exceptional performance and output for its size

Simple plug-and-play operation via remote control or DMX

🔥	1,150 W – thermally protected
📦	Sealed 2.5 l
🌀	Continuous output – 600 m³ (21,189 ft³)/minute
✓	7 minutes
🕒	100 ml/minute at max output
📏	485 x 335 x 242 mm (19 x 13.1 x 9.5 in.)
📖	11.2 kg (24.6 lb.) or 13.7 kg (30.2 lb.) when filled



JEM ZR35

The rugged, yet weight-optimized JEM™ ZR35 is a mid-sized fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its powerful 1,500 W heat exchanger, the JEM ZR35 produces a fantastic peak output ideal for mid to large-sized venues and stages in both install and rental markets.

High endurance mid-sized fog machine

Exceptional performance and output

Various control options via digital remote control or DMX

🔥	1,500 W – thermally protected
📦	Sealed 4 l
🌀	Continuous output – 800 m³ (28,251 ft³)/minute
✓	9 minutes
🕒	140 ml/minute at max output
📏	590 x 395 x 264 mm (23.2 x 15.5 x 10.3 in.)
📖	15.1 kg (33.2 lb.) or 19.1 kg (42.1 lb.) when filled



JEM ZR45

The rugged, yet weight-optimized JEM™ ZR45 is a high-end fog machine designed to deliver superior and uninterrupted performance in demanding professional applications. Via its enhanced and powerful 2,000 W heat exchanger, the JEM ZR45 produces an exceptional peak output ideal for major venues and stages in both install and rental markets.

High endurance high-end fog machine

Exceptional performance and output

Various control options via digital remote and DMX

🔥	2,000 W (EU version) - 1,800 W (US Version)
📦	Sealed 5 l
🌀	Continuous output – 1,300 m³ (45,909 ft³)/minute
✓	10 minutes
🕒	210 ml/minute at max output
📏	602 x 395 x 306 mm (23.7 x 15.5 x 12 in.)
📖	17.7 kg (39 lb.) or 27.7 kg (61 lb.) when filled



JEM AF-1 MkII DMX Fan

Martin Professional offers two industry standard fans: The industry standard JEM™ AF-1 MkII and the larger JEM™ AF-2. They are responsive with on-board DMX control and they feature advanced controls, rotation, speed range and incremental adjustment. The fans are developed and manufactured for the highest performance level and durability.

On-board controls, remote, or DMX
Advanced control, rotation, speed range and increment adjustments

Highest performance and durability

🌀	1,815 m³ (64,000 ft³)/hour, 1,083 CFM
🌀	200-2,500 rpm (instant on)
🔊	70 dBA (maximum)
🌀	12" axial fan, sealed motor housing
📏	397 x 406 x 176 mm (15.6 x 15.9 x 6.9 in.)
📖	8.5 kg (18.7 lb.)



JEM AF2 DMX Fan

🌀	5,700 m³ (201,295 ft³)/hour, 3,355 CFM
🌀	0-1,400 rpm (instant on)
🔊	73 dBA (maximum)
🌀	24" axial fan, sealed motor housing
📏	700 x 680 x 310 mm (27.5 x 26.7 x 12.2 in.)
📖	17.5 kg (38.5 lb.)

M-Series controller family

The Martin® M-Series controllers offer several solutions for concert and stage lighting. Each console and module of the M-Series family is specifically designed with users in mind. All M-series controllers use the same M-Series software, which allows you to easily move shows between any console or PC application. The simple and efficient MaxNet network system makes it easy to connect multiple M-Series devices for tracking backup as well as full remote access.



M6

The M6 is a state-of-the-art lighting console that functions as a highly advanced visual control surface. Controlling everything from conventional and moving lights to the most advanced media servers, the M6 has been designed for today's demanding multimedia shows and tomorrow's challenges. The M6 is capable of delivering up to 64 DMX universes directly from the console's network ports.

Dual BriteTouch monitor
– readable in direct sunlight

T-Bar control for cuelist and
parameter control

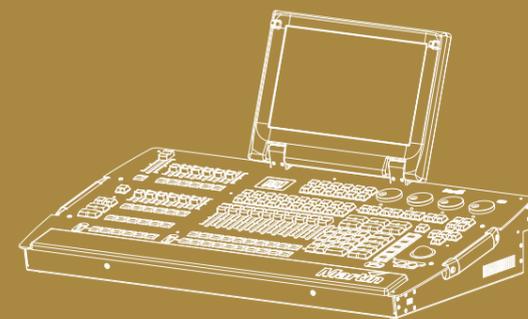
44 direct accesses to playbacks
for live performances

⦿	up to 64
▶	44
⦿	16
⏏	2 X 15.3", 2 X 3.5"
📷	12
📏	668 x 1,058 x 204 mm (26.3 x 41.7x 8.1 in.)
📖	Weight: 375 kg (82.7 lbs.)



P3 control solutions

All Martin LED video products can be driven with the Martin® P3 System Controller. Martin offers P3 System Controllers in various sizes, but the key is always simplicity. No matter how you mix and match different Martin LED video products, they can always be controlled by the same system. This, combined with the P3 System Controllers' ease-of-use, makes even the most creative LED video setups simple to create and use.



M-Series Controller

Martin P3-050/150/300 System Controllers

Award-winning for being the most user-friendly LED video processor on the market, the Martin® P3 System Controllers make life easier for anybody working with LED video products. Mix and match different products without the risk of increasing complexity. The three different System Controller models offer different video input formats (DVI, SDI, analog) and pixel capacities (up to 2,000,000 output pixels on one P3 System Controller).



P3 System Controller

Martin P3 PowerPort 1500/1000 IP

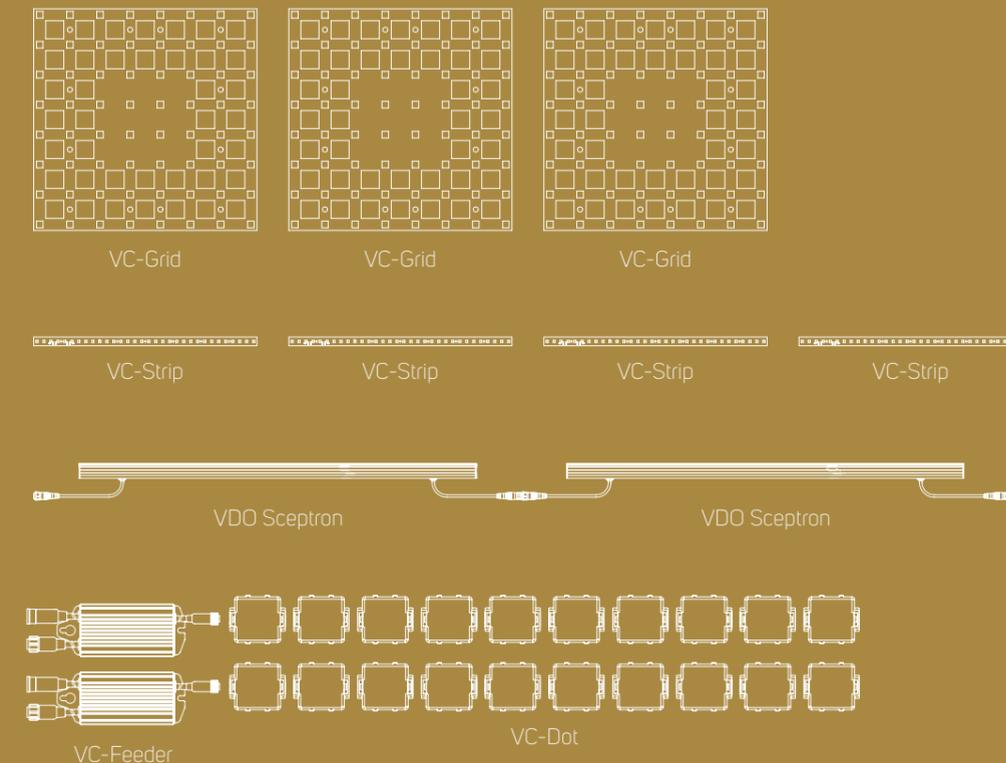
The Martin® P3 PowerPort 1500 and the Martin® P3 PowerPort 1000 IP are integrated power and data processors for Martin's range of creative LED video products, including the VDO Sceptrons, VC-Strips, VC-Dots and VC-Grids. When running on one of Martin's award-winning P3 System Controllers, they power the connected products with high-quality image processing capabilities and offer extremely easy setup and configuration.



P3 PowerPort



Third party media server



VDO Sceptron family

The VDO Sceptra are a family of linear outdoor-rated LED video fixtures for the rental market with 10/20/40 mm pixel pitch, offering maximum creative design options with minimal complexity. The VDO Sceptra family is driven by the Martin P3 System Controller family for easy configuration, mapping and setup, and is also backwards compatible with DMX for smaller applications. The integrated power and data cabling allows long daisy chains with many fixtures per cable-run, while the power supply can be located backstage (up to 50 m away) for a clean setup.

Creative possibilities with VDO Sceptra accessories



Smart brackets allow joining of fixtures in different configurations for easy installation and consistent rigging.



A wide range of click-on diffusers is available in diffused white and contrast-enhancing grey. On top of that, two different click-on lenses allow the fixtures to be used as a lighting-element. This gives you a total of 13 different possible looks out of the same fixture for maximum re-use of your products.



The VDO Sceptra are pixel-level calibrated in terms of color and brightness. This guarantees the best possible fixture-to-fixture and pixel-to-pixel consistency – even in the most demanding TV applications. The fixtures are fully sealed for worry-free outdoor use.



VDO Sceptra 10



VDO Sceptra 20



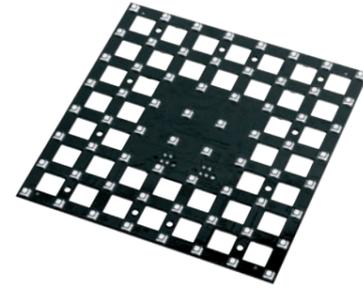
VDO Sceptra 40

Extensive range of field-exchangeable optical accessories for a wide variety of looks
Easy setup, mapping and configuration
Bright and fully calibrated for optimal consistency

10	20	40
IP65	IP65	IP65
750 lm/m	375 lm/m	187 lm/m
250 cd/m	125 cd/m	62 cd/m
10 mm	20 mm	40 mm
P3, DMX/RDM	P3, DMX/RDM	P3, DMX/RDM
Calibrated	Calibrated	Calibrated
320/1,000 x 27 x 28 mm (12.6 / 39.4 x 1.07 x 1.10 in.)	320/1,000 x 27 x 28 mm (12.6 / 39.4 x 1.07 x 1.10 in.)	320/1,000 x 27 x 28 mm (12.6 / 39.4 x 1.07 x 1.10 in.)
1.2 kg/m (0.81 lbs./ft)	1.2 kg/m (0.81 lbs./ft)	1.2 kg/m (0.81 lbs./ft)

VC range

Martin's VC range of creative LED video building blocks allows LED video to be integrated in almost every part of a set or stage. It also proves that "creative" doesn't necessarily mean "complicated", as cabling and configuration of this system is very simple. Only a single power and data driving box is needed, no matter how you mix and match the products. All fixtures in the VC range can be driven by the Martin® P3 System Controllers for easy setup, mapping and use and are also backwards compatible with DMX for smaller shows.



VC-Grid family

These compact rectangular LED video tiles can be integrated into stairs, floors, drum risers, set-pieces and more. An optional mounting frame facilitates consistent installation.



VC-Strip family

The narrow design of the VC-Strips and their ability to be cut to a custom length on site make them perfect for outlining set-pieces, stairs and more. Daisy chains up to 30 meters can be created, requiring just a single cable.



VC-Dot family

Offering the most flexible integration of LED video pixels thanks to customizable pixel-to-pixel distance and a wide array of mounting and optical accessories. Create an LED video curtain, an LED video sphere – the sky is the limit.

Available in 15, 25, 30 and 60 mm pixel pitch
Easy cabling, mapping and configuration
Bright and fully calibrated for optimal consistency

	15	25	30	60		15	25	30	60
	15,000 lm/m ² - 161,000 lm/ft ²	12,000 lm/m ² - 129,000 lm/ft ²	8,250 lm/m ² - 89,000 lm/ft ²	2,250 lm/m ² - 24,000 lm/ft ²		225 lm/m (675 lm/ft)	300 lm/m (900 lm/ft)	248 lm/m (744 lm/ft)	135 lm/m (405 lm/ft)
	-	-	-	-		75 cd/m (225 cd/ft)	100 cd/m (300 cd/ft)	83 cd/m (248 cd/ft)	45 cd/m (135 cd/ft)
	5,000 nt	4,000 nt	2,750 nt	750 nt		5,000 nt	4,000 nt	2,750 nt	750 nt
	15 mm	25 mm	30 mm	60 mm		15 mm	25 mm	30 mm	60 mm
	P3, DMX/RDM	P3, DMX/RDM	P3, DMX/RDM	P3, DMX/RDM		P3, DMX/RDM	P3, DMX/RDM	P3, DMX/RDM	P3, DMX/RDM
	Calibrated	Calibrated	Calibrated	Calibrated		Calibrated	Calibrated	Calibrated	Calibrated
	240x240x15 mm (9.4x9.4x0.6 in.)	200x200x18 mm (7.9x7.9x0.7 in.)	240x240x15 mm (9.5x9.5x0.6 in.)	480x480x15 mm (18.9x18.9x0.6 in.)		480x19x15 mm (18.9x0.8x0.6 in.)	400x20x18 mm (15.8x0.8x0.7 in.)	480x19x15 mm (18.9x0.8x0.6 in.)	480x19x15 mm (18.9x0.8x0.6 in.)
	311 g (0.69 lbs.)	140 g (0.3 lbs.)	157 g (0.35 lbs.)	500 g (1.1 lbs.)		54 g (0.12 lbs.)	43 g (0.1 lbs.)	51 g (0.12 lbs.)	53 g (0.12 lbs.)

Available in three different sizes/
brightness variants

Easy cabling, mapping and configuration

Bright and fully calibrated for optimal consistency

	1	4	9
	IP65	IP65	IP65
	5,4 lm/dot	18,8 lm/dot	55,3 lm/dot
	2 cd/dot	6 cd/dot	18 cd/dot
	-	-	-
	50-1,000 mm	60-2,000 mm	70-2,000 mm
	P3, DMX/RDM	P3, DMX/RDM	P3, DMX/RDM
	Calibrated	Calibrated	Calibrated
	28 x 23 x 11 mm (1.1 x 0.9 x 0.5 in.)	36 x 30 x 13 mm (1.5 x 1.2 x 0.6 in.)	48 x 40 x 13 mm (1.9 x 1.6 x 0.6 in.)
	N/A	N/A	N/A

WORLDWIDE AVAILABILITY

Martin products are available across the globe through an extensive network of rental houses. We make significant investments in ensuring compliance with international standards and regulations. This way you can rest assured that there will be no compliance issues with your stock.

TOTAL SOLUTIONS

We offer complete dynamic lighting solutions. Because we are part of the Harman family, we offer you a one-stop-shopping experience with access to all of Harman Professional's exclusive range of audio and video equipment.

GLOBAL SERVICE – LOCAL SUPPORT

We offer you the industry's most elaborate service and support system across the globe. We have a 24-hour hotline and local specialists ready to support you in local languages. We also offer you extended peace of mind with extended warranty programmes.

SCALABLE SOLUTIONS

The Martin product offering fits into all types of shows – from small-venue shows all the way up to the biggest tours and festivals.



HIGHEST RETURN ON INVESTMENT

With Martin products, you're sure to capitalize on your investment. Martin products have a high resale value and we even offer you trade-in programs for used products as well as various attractive financing options to fit your demands.

GLOBAL TRAINING

To ensure your optimal success with the use of our products, we care about teaching you how to use, service and maintain our products. We offer a wide selection of comprehensive product and technical training programs, both directly and via our local distributors – in English as well as in local languages.

NOTABLE TRACK RECORD

Martin is an established player in the industry and a leading supplier in the field of dynamic lighting. Our history and financial power, combined with our long-standing ties with the industry gives you that all-important peace of mind to make the right business decisions.



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	Size: length x width x height in mm and inches		Beam angle		Noise
	Weight: kilos and pounds		Effects		Fan and motor
	Number of universes		Zoom range		IP rating
	Playback fader		Heat exchanger		Candela
	Encoders		Fluid reservoir		Nits
	Built-in screen		Effect output		Pixel pitch
	F-keys		Ready time		Control
	Light source type		Fluid consumption		Calibrated
	Lumen output		Maximum airflow		
	Color system		Fan speed		

Specifications are subject to change without notice.

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About Professional

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

For more information please visit 

About HARMAN

HARMAN (harman.com) designs and engineers connected products and solutions for consumers, automakers, and enterprises worldwide, including audio, visual and infotainment systems; enterprise automation solutions; and software services. With leading brands including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon®, Mark Levinson® and Revel®, HARMAN is admired by audiophiles, musicians and the entertainment venues where they perform around the world. HARMAN also is a technology and integration services leader for the Automotive, Mobile, Telecommunications and Enterprise markets. More than 25 million automobiles on the road today are equipped with HARMAN audio and infotainment systems. The Company's software solutions power billions of mobile devices and systems that are connected, integrated, personalized, adaptive and secure across all platforms, from the work and home to car and mobile. HARMAN has a workforce of approximately 25,000 people across the Americas, Europe, and Asia and reported sales of \$5.9 billion during the last 12 months ended March 31, 2015. The Company's shares are traded on the New York Stock Exchange under the symbol NYSE:HAR.