Solutions to evoke emotions

TOUR LIGHTING

PRODUCTS

(Please visit martin.com for more product info)
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 “social lives,” to make them feel part of something bigger. While 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 emotion.

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

Transforming experiences into memories

PRODUCTS
(Please visit martin.com for more product info)
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—whether directly or indirectly—want to evoke the audience’s emotions. Evoking emotions? Call it what you will, 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.

Stage lighting adds that extra factor that adds to the experience, that cream on top. Far from everyone paying 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.

Evoking emotions with tour lighting solutions

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.

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.

Complete tour lighting solutions from Martin

(Please visit martin.com for more product info)
Solutions to evoke emotions

Make the crowd feel part of something bigger

(Please visit martin.com for more product info)
In the spring of 2015, the Royal Danish Opera staged Tchaikovsky’s famous ballet, Swan Lake, in a new production. Seemed to be a fitting choice for the iconic ballet that has been shown in theatres across the globe. To bring new life to the classic piece, the Royal Danish Opera 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 of the story and, of course, 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, 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 III’s) 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 set to move along the stage, 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
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 then 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 colour. 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

MAC Viper AirFXs pay tribute to classic Queen shows

QUEEN + ADAM LAMBERT

Credits
Rental: NEG Earth
Set Design: Ric Lipson, Stufish
Lighting Design: Rob Sinclair
Photo: Ryan Sullivan
MUMFORD & SONS WORLD TOUR

VDO Sceptron fixtures frame the stage for British band

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 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 four shows became Mumford & Sons’ regular Lighting and Production Designer.

Warren presented his ideas to the band via a PowerPoint presentation. They liked the look and feel and approved his design. In 2010, with a product specification list, Warren approached UK rental company NEG Earth. Project Manager Caroline Beverley looked at the list and suggested using the new VDO Sceptrons from Martin Professional. She explained the Sceptrons do just that – even in sunshine.

“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 towers and three U-shaped trusses above the band are also lit 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 saving Mumford & Sons a lot of money.

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 bigger 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 ensure that people have come to see the band – not necessarily the light/strobe/laser show.”

For full story go to martin.com

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

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

PRODUCTS
VDO Sceptron 10
MAC Quantum Wash

(See p. 20 for more product info)

Mac Quantum Wash

(Please visit martin.com for more product info)
Solutions to evoke emotions

Turn goosebump moments into memories

(Please visit martin.com for more product info)
Martin tour lighting control solutions

Easy mapping and control

Please visit martin.com for more product info
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 behavior—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.

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 behavior— 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.

MAC Axiom Hybrid
The MAC Axiom Hybrid is a true all-in-one product, combining beam and spotlight functionality. The high precision optical system offers super-high contrast, both in mid-air and projection as well as surprisingly flat, usually non-existent light spill-over.

All-in-One Product – Packed with Effects
Tight and Narrow Beam – Amazing Intensity
MAC Viper Color Palette – Supreme CMY Color Mixing

Prepare to be emotionally EXPOSED
ATTRACT YOUR AUDIENCE

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
Super bright single lens wash light
with fully pre-mixed color
Compact design and low weight
High efficiency, low power consumption, long service life
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
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

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 unencumbered lens design. Martin's unique and patented eye candy Aura Effect™ is also part of the package.

MAC Aura XB
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.)

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.)

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.)

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 Animotion™ FX system that allows never-before-seen beam animations, the market finally gets the first real 700/800 W discharge replacement.

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 brightnes and precision. 750 W of RGBW LED power and Martin's renowned optical system provide maximum output and superior performance.

This LED-based fixture family addresses the need for dependable mid-sized workhorses across the entertainment industry, from rock ‘n’ roll to corporations, 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 family

MAC Quantum Profile
The 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 Animotion™ 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

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 precision. 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
15 stem for tight beams and even washes
Beam twister effects: Rotating front lens for stunning mid-air and projection effects

MAC Aura XB
Super bright single lens wash light with fully pre-mixed color
Compact design and low weight
High efficiency, low power consumption, long service life
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 longer does a 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 exceptional focus, flat and uniform light quality and a highly efficient optical system. It outperforms all modern existing profiles in the 1200 W range, and is even an alternative to 1500 W fixtures. With its 1000 W HID source, it is over 50% more efficient than its 1200 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

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, 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 – fast and precise with auto-linked focus

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.

- 30,000 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

MAC Viper AirFX

The MAC Viper™ AirFX was engineered to replace 1500 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 knew about the MAC Viper family in one versatile fixture which makes it ideal for tours and festivals, and it gives most 1500 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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Profile</th>
<th>Performance</th>
<th>Wash DX</th>
<th>AirFX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source</td>
<td>1000 W</td>
<td>1000 W</td>
<td>1000 W</td>
<td>1000 W</td>
</tr>
<tr>
<td>Lumen</td>
<td>26,000</td>
<td>26,000</td>
<td>30,000</td>
<td>20,000</td>
</tr>
<tr>
<td>Beam</td>
<td>Fat</td>
<td>Flat</td>
<td>Uniform</td>
<td>Fat</td>
</tr>
<tr>
<td>Zoom</td>
<td>1:4</td>
<td>1:4</td>
<td>1:5</td>
<td>1:5</td>
</tr>
<tr>
<td>Focus</td>
<td>Auto-linked</td>
<td>Auto-linked</td>
<td>Auto-linked</td>
<td>Auto-linked</td>
</tr>
<tr>
<td>Shutter</td>
<td>4 blades</td>
<td>4 blades</td>
<td>8 blades</td>
<td>4 blades</td>
</tr>
<tr>
<td>Accessory</td>
<td>Front lens</td>
<td>Front lens</td>
<td>Front lens</td>
<td>Front lens</td>
</tr>
<tr>
<td>Color</td>
<td>CMY-C</td>
<td>CMY-C</td>
<td>CMY</td>
<td>CMY-C</td>
</tr>
<tr>
<td>Frost</td>
<td>Variable CTO</td>
<td>Variable CTO</td>
<td>Variable CTO</td>
<td>Variable CTO</td>
</tr>
</tbody>
</table>

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

Output superior to 1500 W spot fixtures

Vibrant colors known from the MAC Viper family
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.

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.

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. Designing 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 Hazer Pro

The JEM™ Hazer Pro is a robust, yet small and lightweight hazer that adds a whole new dimension to the lighting designer toolbox. This professional-quality hazer produces outstanding atmospheric effects for larger venues such as theatres, shows, events, 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.

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.

24

25
JEM ZR family

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 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.

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.

JEM AF-1 MkII 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.)

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

JEM ZR25

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 major and 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

JEM ZR35

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 powerful 2,000 W heat exchanger, the JEM ZR45 produces an exceptional peak output ideal for major and large-sized 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

JEM ZR45

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 (50 lb.) when filled

JEM AF2 DMX Fan

On-board controls, remote, or DMX
Advanced control, rotation, speed range and increment adjustments
Highest performance and durability
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 an integrated 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 BrightTouch monitors – available in direct sunlight
T-Bar control for cue-list and parameter control
44 direct accesses to playbacks for live performances

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 an integrated 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 BrightTouch monitors – available in direct sunlight
T-Bar control for cue-list and parameter control
44 direct accesses to playbacks for live performances

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 an integrated 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 BrightTouch monitors – available in direct sunlight
T-Bar control for cue-list and parameter control
44 direct accesses to playbacks for live performances

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 an integrated 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 BrightTouch monitors – available in direct sunlight
T-Bar control for cue-list and parameter control
44 direct accesses to playbacks for live performances

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 an integrated 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 BrightTouch monitors – available in direct sunlight
T-Bar control for cue-list and parameter control
44 direct accesses to playbacks for live performances

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 an integrated 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 BrightTouch monitors – available in direct sunlight
T-Bar control for cue-list and parameter control
44 direct accesses to playbacks for live performances

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 an integrated 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 BrightTouch monitors – available in direct sunlight
T-Bar control for cue-list and parameter control
44 direct accesses to playbacks for live performances

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.
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 Controller’s ease-of-use, makes even the most creative LED video setups simple to create and use.

**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 Controller makes life easier for anyone 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).

**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.

**Different products - one control solution**

The Martin P3 tour lighting control solutions

- Martin P3-050/150/300 System Controllers
- M-Series Controller
- P3 System Controller
- P3 PowerPort
- Martin P3 PowerPort 1500/1000 IP
- Third party media server
- VC-Strip
- VC-Grid
- VC-Feeder
- VDO Sceptron
- VC-Dot
- VC-Grid
- VC-Strip
- VC-Strip
- VC-Strip
- VC-Strip
- VC-Strip
The VDO Sceptrons 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 Sceptron 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.

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 Sceptrons 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.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Pixel Pitch</th>
<th>Lumens/m</th>
<th>Candela/m²</th>
<th>IP Rating</th>
<th>Weight/m</th>
<th>Special Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>VDO Sceptron 10</td>
<td>10 mm</td>
<td>750</td>
<td>250</td>
<td>IP65</td>
<td>1.2 kg/m</td>
<td>Fully sealed, calibrated, P3, DMX/RDM</td>
</tr>
<tr>
<td>VDO Sceptron 20</td>
<td>20 mm</td>
<td>375</td>
<td>125</td>
<td>IP65</td>
<td>1.2 kg/m</td>
<td>Fully sealed, calibrated, P3, DMX/RDM</td>
</tr>
<tr>
<td>VDO Sceptron 40</td>
<td>40 mm</td>
<td>187</td>
<td>62</td>
<td>IP65</td>
<td>1.2 kg/m</td>
<td>Fully sealed, calibrated, P3, DMX/RDM</td>
</tr>
</tbody>
</table>

Creative possibilities with VDO Sceptron accessories

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
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-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-Grid family

Three 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-Dot family

Available in 15, 25, 30 and 60 mm pixel pitch

<table>
<thead>
<tr>
<th>Variant</th>
<th>15</th>
<th>25</th>
<th>30</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightness</td>
<td>5,000 nt</td>
<td>4,000 nt</td>
<td>2,750 nt</td>
<td>750 nt</td>
</tr>
<tr>
<td>Pixel Pitch</td>
<td>15 mm</td>
<td>25 mm</td>
<td>30 mm</td>
<td>60 mm</td>
</tr>
<tr>
<td>P3, DMX/RDM</td>
<td>Calibrated</td>
<td>Calibrated</td>
<td>Calibrated</td>
<td>Calibrated</td>
</tr>
<tr>
<td>IP20</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Weight</td>
<td>34 g (0.1 lbs.)</td>
<td>35 g (0.1 lbs.)</td>
<td>54 g (0.1 lbs.)</td>
<td>54 g (0.1 lbs.)</td>
</tr>
</tbody>
</table>

Available in three different sizes/brightness variants

Easy cabling, mapping and configuration

Bright and fully calibrated for optimal consistency
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.

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

TOTAL SOLUTIONS
We offer complete dynamic lighting solutions. Because we are part of the Harman family, we offer you an all-inclusively shopping experience with access to all of Harman Professional’s exclusive range of audio and video equipment.

GLOBAL SERVICE – LOCAL SUPPORT
We offer the industry’s most elaborate service and support system across the globe. We have a 24/7 hotline and local specialists ready to support you in your local language. We also offer extended peace of mind with extended warranty programs.

GLOBAL TRAINING
To ensure your optimal success with the use of our products, we can offer training you need to install, service and maintain our products. We offer a wide selection of comprehensive and detailed technical training programs in both English and your local languages – in English as well as in local languages.

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.

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 all-important peace of mind when making your business decisions.
THANKS FOR SHARING
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

©2015 Martin Professional
Images contained in this brochure have been converted to CMYK and are not necessarily representative of actual colors. Specifications are subject to change without notice.