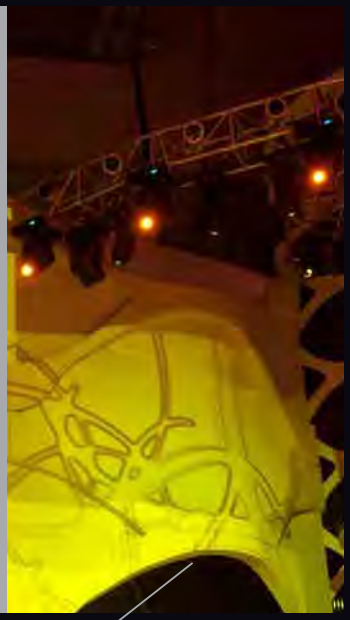
SGM PRODUCT GUIDE 2009



PRODUCT GUIDE **2009**

SGM LIGHTING GROUP

SCOUTING FOR GIRL TOUR

SGM dealer	**_ Lightfactor Sales**
Lighting designer	**_ Jon Barker**
Photo by	**_ Stephen Moles**
SGM equipment	**_ GIOTTO SPOT 400 CMY**
	_ GIOTTO WASH 400
	_ PALCO 3 MOBILE

For years, **SGM** has been a key international player in the field of entertainment lighting design and manufacture.
This success is based on a great business vocation, an on-going search for innovation and the passion of its staff.

The strong points of SGM's corporate philosophy are:

Its **constant search** for product quality, via direct management of a manufacturing process that uses the latest generation of machinery and control systems.

Its close attention to the needs of lighting professionals and trade members, thanks its work alongside them "in the field", which enables to study concrete **top-level solutions.**

Its **Research & Development Centre**, in which each and every product is created with a skilful combination of passion for innovation and in-depth knowledge of the market's most demanding requirements.

SGM's vocation is therefore constantly confirmed with the launch of **products with unique features, studied in the smallest detail to ensure perfect solutions** for top events in live music, theatre, television studios and architectural installations.

All technical data and product features on this Catalogue are subject to change at any time and without prior notice by SGM Lighting Group.

VIÑA DEL MAR 2009

SGM dealer _ **Pat Henry Iluminacion S.A. DE C.V.**
Photo by _ **S. Barbieri**
SGM equipment
_ **GIOTTO DIGITAL 1500**
_ **GIOTTO SPOT 1500**
_ **GIOTTO WASH 1500**
_ **RIBALTA**
_ **PALCO 3**
_ **PALCO 3 MOBILE**
_ **GIOTTO SPOT 400 CMY**
_ **GIOTTO SPOT/WASH 400**
_ **GIOTTO SPOT WASH 1200**
_ **GALILEO IV**
_ **REGIA LIVE**
_ **REGIA OPERA**

_ GIOTTO DIGITAL 1500
_ GIOTTO SPOT 1500
_ GIOTTO WASH 1500
_ GIOTTO PROFILE 1500

_ SYNTHESIS SPOT 700
_ SYNTHESIS WASH 700

_ GIOTTO SPOT 400 CMY
_ GIOTTO SPOT 400
_ GIOTTO WASH 400
_ GIOTTO PROFILE 400

GIOTTO DIGITAL 1500

DIMENSIONS (HxWxD)	
GIOTTO	**79 x 48 x 55 cm**
BOX	**93 x 70 x 62 cm**
WEIGHT	**45 Kg**
CODE	
BLACK CODE	**020_2525**
WHITE CODE	**020_2526**
SILVER CODE	**020_2527**

GIOTTO DIGITAL 1500

LENSES
- Spot front lens

DIGITAL ZOOM FOCUS MODULE
- Linear frost
- 1 rotating prism (4 facets)
- 1 fixed prism (5 facets)
- Motorized zoom (10°- 30°)
- Motorized focus
- Shutter
- Strobe 1-12 flashes/second, also with music sync
- Customizable *.avi-mpeg4 format video clip library
- Customizable *.bmp or *.jpg format image library
- Library updating via WiFi (wireless)
- 1024x768 pixel image resolution obtained with 0,7" XGA DLP® chip
- 80 GB Hard Disk
- 2 simultaneous layers Effects for each layer: rotation and indexing, digital zoom, mirroring
- Global effects: digital iris, indexable digital beam shaper, 13 crossfade effects between layers, brightness and contrast, black and white masking effect, V-H mirroring, kaleidoscope, negative converter effect

DIGITAL MODULE
- 2 customizable colour wheels: 6+5 colours + white
- Colour change with or without music sync and/or blackout
- Rainbow colour
- 2-tone beams
- High efficency DLP® chip cooling system for maximum light output performance
- Special DLP® chip light engine exclusively designed for professional lamp used in the entertaiment lighting with high CRI

CMY MODULE
- Advanced CMY colour mixing
- Linear CTO filter
- Linear dimmer

LAMP
- MSR GOLD 1200 FastFit adjustable from 900W to 1400W (6.300°k) Compatible MSR GOLD 1500 FastFit (6.400°K)
- Average lamp life 750 hr.
- Fast restrike
- Remote lamp on/off via DMX
- Lamp power reduction in the event of overheating
- Lamp elapsed time and strike counter

PAN TILT
- 530° Pan (4 sec.)
- 250° Tilt (3.4 sec.)
- Pan / Tilt Lock; electronic Pan / Tilt unlocking
- Pan/Tilt w. 8/16 bit resolution
- Automatic Pan/Tilt repositioning

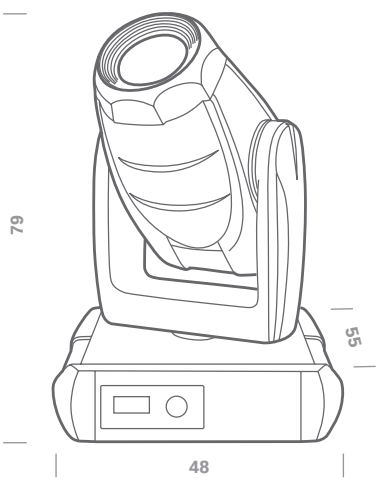
INPUT
- DMX 512 or RS 232 input signal
- 55 DMX channels Digital configuration
- Ethernet interface (ART-NET protocol)
- Wireless DMX interface fitted as standard
- RDM protocol implemented on DMX (monitoring of internal parameters)

SETTINGS
- Settings via on-board microcomputer viewable on display (even with fixture off)
- Display "flip" function (rotates through 180°)
- Adjustable display brightness
- Fixture elapsed time indicator
- On-board temperature sensors (base, power, one for each module)
- Total fixture software update via DMX totale macchina via DMX
- Graphic display (128 x 64)

ELECTRIC SPECIFICATION
- Power supply with PFC (universal 90/245V 50/60Hz); protected against 400V
- Electronic Ballast

CONSUMPTION
- Max consumption: 2,000 W
- Automatic energy saving in the event of blackout use

GIOTTO 1500 assumes a revolutionary **Digital** format, with a unit combining the **"CMY"** module and the new **"Digital"** and **"Digital Zoom Focus"** modules. With a special patented application of DLP® technology [patent pending], SGM has managed to combine the advantages of the **generation of digital effects** with its lengthy experience in designing moving head fixtures. **CMY MODULE**, with CMY colour mixing system, linear CTO filter and DIMMER (common to all four types Wash, Spot, Profile or Digital). **DIGITAL MODULE**, with graphic processor (two simultaneous layers), expandable and customizable image (*.bmp or *.jpg format) and video clip (*.avi-mpeg4 format) library, two customizable 6+5 colour +white wheels (Digital configuration). **DIGITAL ZOOM FOCUS MODULE**, with high resolution focus and zoom optic, prisms, shutter and linear frost (Digital configuration).



GIOTTO SPOT 1500

DIMENSIONS (HxWxD)
GIOTTO **79 x 48 x 55 cm**
BOX **93 x 70 x 62 cm**

WEIGHT **47 Kg**

CODE
BLACK CODE **020_2515**
WHITE CODE **020_2516**
SILVER CODE **020_2517**

LENSES
_ Spot front lens

ZOOM FOCUS MODULE
_ Linear frost
_ 1 rotating prism (4 facets)
_ 1 fixed overlapping prism (5 facets)
_ Motorized zoom (12°- 36°)
_ Motorized focus
_ Shutter
_ Strobe 1-12 flashes/second, also with music sync

SPOT MODULE
_ Customizable and indexable colour wheel: 6 colours + white
_ Colour change with or without music sync and/or blackout
_ Rainbow colour
_ 2-tone beams
_ UV filter
_ 2 customizable gobo wheels: 6 rotating indexable gobos (16-bit)
_ Gobo change with or without music sync and/or with blackout
_ Linear iris diaphragm
_ Animation wheel (interchangeable); 360° rotation and 180° revolution

CMY MODULE
_ Advanced CMY colour mixing
_ Linear CTO filter
_ Linear dimmer

LAMP
_ MSR GOLD 1200 FastFit - adjustable from 900W to 1400W (6.300°k)
_ Compatible MSR GOLD 1500 FastFit (6.400°K)
_ Average lamp life 750 hr.
_ Fast restrike
_ Remote lamp on/off via DMX
_ Lamp power reduction in the event of overheating
_ Lamp elapsed time and strike counter

PAN TILT
_ 530° Pan (4 sec.)
_ 250° Tilt (3.4 sec.)
_ Pan / Tilt Lock; electronic Pan / Tilt unlocking
_ Pan/Tilt w. 8/16 bit resolution
_ Automatic Pan/Tilt repositioning

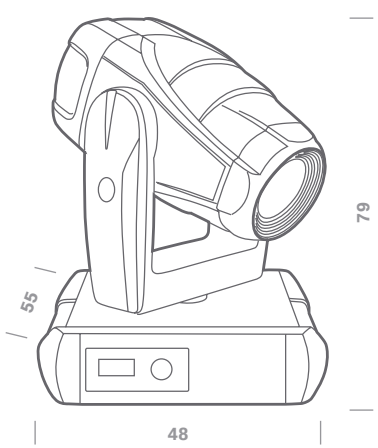
INPUT
_ DMX 512 or RS 232 input signal
_ 35 DMX channels - Spot configuration
_ Ethernet interface (ART-NET protocol)
_ Wireless DMX interface fitted as standard
_ RDM protocol implemented on DMX (monitoring of internal parameters)

SETTINGS
_ Settings via on-board microcomputer viewable on display (even with fixture off)
_ Display “flip” function (rotates through 180°)
_ Adjustable display brightness
_ Fixture elapsed time indicator
_ On-board temperature sensors (base, power, one for each module)
_ Total fixture software update via DMX
_ Graphic display (128 x 64)

ELECTRIC SPECIFICATION
_ Power supply with PFC (universal 90/245V 50/60Hz); protected against 400V
_ Electronic Ballast

CONSUMPTION
_ Max consumption: 2,000 W
_ Automatic energy saving in the event of blackout use

In **SPOT** configuration, the **GIOTTO 1500** is perfect for those looking for a fixture with top-class expressive potential, featuring practically endless effects and an extremely powerful light beam. Thanks to its **exclusive assembly format**, the unit is easily built, fitting the **“CMY”**, **“Gobo”** and **“Zoom Focus” modules** one after another.
The first module contains the CMY colour mixing system, linear CTO filter and Dimmer. “Gobo” hosts the optic functions necessary for creating a vast range of light effects: a colour wheel (5 colours plus white), two gobo wheels (each with 6 gobos plus white) and a space for the interchangeable animation wheel.
As well as motorized focus and zoom, the “Zoom Focus” module also has an additional lens with three interchangeable functions: a second non-rotary overlapping prism, Zoom range extension and Wash function.



GIOTTO WASH 1500

DIMENSIONS (HxWxD)
GIOTTO 79 x 48 x 55 cm
BOX 93 x 70 x 62 cm

WEIGHT 45 Kg

CODE
020_2519 BLACK CODE
020_2520 WHITE CODE
020_2521 SILVER CODE

LENSES
_ Fresnel front lens
_ Anti-halo PC front lens
_ Super wide front lens

WASH MODULE
_ Motorized zoom (6°- 40°)
_ Shutter
_ Strobe 1-12 flashes/second, also with music sync
_ Customizable colour wheel: 4 colours + white
_ Colour change with or without music sync
_ Rainbow colour
_ Frost lens
_ Linear iris diaphragm
_ Adjustable indexable beam shaper (0° to 180°)
_ Linear hard/soft edge adjustment of the beam shaper and iris diaphragm

CMY MODULE
_ Advanced CMY colour mixing
_ Linear CTO filter
_ Linear dimmer

LAMP
_ MSR GOLD 1200 FastFit - adjustable from 900W to 1400W (6.300°k)
_ Compatible MSR GOLD 1500 FastFit (6.400°K)
_ Average lamp life 750 hr.
_ Fast restrike
_ Remote lamp on/off via DMX
_ Lamp power reduction in the event of overheating
_ Lamp elapsed time and strike counter

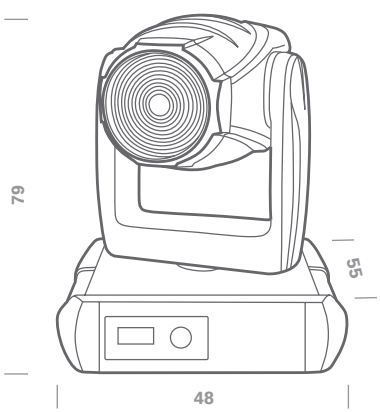
PAN TILT
_ 530° Pan (4 sec.)
_ 250° Tilt (3.4 sec.)
_ Pan / Tilt Lock; electronic Pan / Tilt unlocking
_ Pan/Tilt w. 8/16 bit resolution
_ Automatic Pan/Tilt repositioning

INPUT
_ DMX 512 or RS 232 input signal
_ 20 DMX channels Wash configuration
_ Ethernet interface (ART-NET protocol)
_ Wireless DMX interface fitted as standard
_ RDM protocol implemented on DMX (monitoring of internal parameters)

SETTINGS
_ Settings via on-board microcomputer viewable on display (even with fixture off)
_ Display “flip” function (rotates through 180°)
_ Adjustable display brightness
_ Fixture elapsed time indicator
_ On-board temperature sensors (base, power, one for each module)
_ Total fixture software update via DMX
_ Graphic display (128 x 64)

ELECTRIC SPECIFICATION
_ Power supply with PFC (universal 90/245V 50/60Hz); protected against 400V
_ Electronic Ballast

CONSUMPTION
_ Max consumption: 2,000 W
_ Automatic energy saving in the event of blackout use



In **WASH** configuration, the **GIOTTO 1500** features two modules: **“CMY”** (CMY colour mixing system, linear CTO filter and Dimmer) and the dedicated **“Wash”** module, with all the features that enable the fixture to emit diffused, soft even light. The various functions include a twin-blade built-in beam shaper, which sculpts the light projected on to specific zones of the set or scene, a field diaphragm and the possibility of adjusting the soft edge of the beam shaper and the field diaphragm. The Zoom lenses enable to adjust beam aperture from 6° to 40°, whereas the Frost lens makes it perfectly even. Three dedicated lenses are available for the fixture in Wash configuration: The **Fresnel Lens** enables to obtain a beam for even colouring, the **Anti-halo PC Lens** gives a very narrow intense beam with a limited soft edge field and the **Super Wide Lens** gives a very wide even beam aperture.

GIOTTO PROFILE 1500

DIMENSIONS (HxWxD)
GIOTTO **79 x 48 x 55 cm**
BOX **93 x 70 x 62 cm**

WEIGHT **47 Kg**

CODE
BLACK CODE **020_2522**
WHITE CODE **020_2523**
SILVER CODE **020_2524**

LENSES
_ Spot front lens

ZOOM FOCUS MODULE
_ Linear frost
_ 1 rotating prism (4 facets)
_ 1 fixed overlapping prism (5 facets)
_ Motorized zoom (12°- 36°)
_ Motorized focus
_ Shutter
_ Strobe 1-12 flashes/second, also with music sync

PROFILE MODULE
_ Customizable and indexable colour wheel: 6 colours + white
_ Colour change with or without music sync and/or blackout
_ Rainbow colour
_ 2-tone beams
_ UV filter
_ 1 customizable gobo wheel: 6 rotating indexable gobos (16 bit)
_ Gobo change with or without music sync and/or with blackout
_ Linear iris diaphragm
_ 4-blade beam shaper
_ 180° blade rotation
_ Closable to full blackout

CMY MODULE
_ Advanced CMY colour mixing
_ Linear CTO filter
_ Linear dimmer

LAMP
_ MSR GOLD 1200 FastFit - adjustable from 900W to 1400W (6.300°k)
_ Compatible MSR GOLD 1500 FastFit (6.400°K)
_ Average lamp life 750 hr.
_ Fast restrike
_ Remote lamp on/off via DMX
_ Lamp power reduction in the event of overheating
_ Lamp elapsed time and strike counter

PAN TILT
_ 530° Pan (4 sec.)
_ 250° Tilt (3.4 sec.)
_ Pan / Tilt Lock; electronic Pan / Tilt unlocking
_ Pan/Tilt w. 8/16 bit resolution
_ Automatic Pan/Tilt repositioning

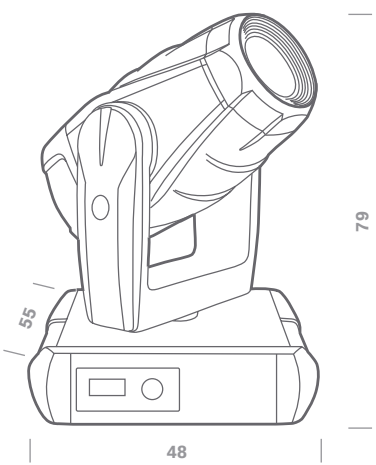
SETTINGS
_ DMX 512 or RS 232 input signal
_ 35 DMX channels - Profile configuration
_ Ethernet interface (ART-NET protocol)
_ Wireless DMX interface fitted as standard
_ RDM protocol implemented on DMX (monitoring of internal parameters)

SETTINGS
_ Settings via on-board microcomputer viewable on display (even with fixture off)
_ Display “flip” function (rotates through 180°)
_ Adjustable display brightness
_ Fixture elapsed time indicator
_ On-board temperature sensors (base, power, one for each module)
_ Total fixture software update via DMX
_ Graphic display (128 x 64)

ELECTRIC SPECIFICATION
_ Power supply with PFC (universal 90/245V 50/60Hz); protected against 400V
_ Electronic Ballast

CONSUMI
_ Max consumption: 2,000 W
_ Automatic energy saving in the event of blackout use

Thanks to the innovative internal layout, a **Giotto 1500 Profile** can be obtained by just fitting a **“Profile”** module between the first **“CMY”** module and the **“Zoom Focus”** module inside the fixture: this results in a high powered fixture with a vast range of effects that can be combined with the beam shaping feature typical of this type of unit. The **“Profile”** module has a colour wheel (5 colours plus white) and a gobo wheel (6 gobos plus white), as well as a four-blade beam shaper that enables to sculpt the light beam into various well-defined geometric shapes.
These functions give their best when used with those of the “CMY” module (CMY colour mixing system, linear CTO filter and Dimmer) and “Zoom Focus” (motorized focus and zoom, plus additional lens with three interchangeable functions: second non-rotary overlapping prism, Zoom range extension and Wash function).



CONFIGURATION GIOTTO 1500

GIOTTO DIGITAL 1500	GIOTTO SPOT 1500	GIOTTO WASH 1500	GIOTTO PROFILE 1500

CMY MODULE
with CMY colour mixing system, linear CTO filter and DIMMER.

DIGITAL MODULE
2 customizable colour wheels: 6+5 colours + white.

DIGITAL ZOOM/FOCUS MODULE
with focus-zoom, shutter, prisms and additional lenses and linear frost. Graphic processor (two simultaneous layers), expandable and customizable image (*.bmp or *.jpg format) and video clip (*.avi-mpeg4 format) library.

SPOT LENS

REFLECTOR KIT
(DIGITAL)

CMY MODULE
with CMY colour mixing system, linear CTO filter and DIMMER.

SPOT MODULE
with two gobo wheels that can be customized, an animation wheel and a colour wheel that can also be customized.

ZOOM/FOCUS MODULE
with focus-zoom, shutter, prisms and additional lenses and linear frost.

SPOT LENS

REFLECTOR KIT
(SPOT-WASH-PROFILE)

CMY MODULE
with CMY colour mixing system, linear CTO filter and DIMMER.

WASH MODULE
with a twin-blade beam shaper, field diaphragm, zoom lens,frost and customizable colour wheel.

WASH LENS

REFLECTOR KIT
(SPOT-WASH-PROFILE)

CMY MODULE
with CMY colour mixing system, linear CTO filter and DIMMER.

PROFILE MODULE
with a four-blade beam shaper to sculpt the light beam, gobo wheel and customizable colour wheel.

ZOOM/FOCUS MODULE
with focus-zoom, shutter, prisms and additional lenses and linear frost.

SPOT LENS

REFLECTOR KIT
(SPOT-WASH-PROFILE)

A NEW SLANT ON MODULARITY

Each fixture's head is ready-built to host **three of the seven available modules** (apart from Wash configuration, which has two): once the chosen version's **modules are assembled**, the fixture's electronics and **software** will "identify" them and automatically adapt to suit them.

GIOTTO DIGITAL 1500	
020_2538	DIGITAL MODULE
020_2540	DIGITAL ZOOM/FOCUS MODULE
210_1695	SPOT LENS
210_1813	REFLECTOR KIT (DIGITAL)

GIOTTO SPOT 1500	
020_2535	SPOT MODULE
020_2536	ZOOM/FOCUS MODULE
210_1695	SPOT LENS
210_1772	REFLECTOR KIT (SPOT - WASH - PROFILE)

GIOTTO WASH 1500	
020_2539	WASH MODULE
210_1640	PC ANTIALO LENS
210_1641	FRESNEL LENS
210_1642	SUPERWIDE LENS
210_1772	REFLECTOR KIT (SPOT - WASH - PROFILE)

GIOTTO PROFILE 1500	
020_2537	PROFILE MODULE
020_2536	ZOOM/FOCUS MODULE
210_1695	SPOT LENS
210_1772	REFLECTOR KIT (SPOT - WASH - PROFILE)

SYNTHESIS SPOT 700

DIMENSIONS (HxWxD)	
SYNTHESIS	**75 x 40 x 46 cm**
BOX	**90 x 56 x 58 cm**
WEIGHT	**42 Kg**
CODE	
BLACK CODE	**020_2470**
WHITE CODE	**020_2471**
SILVER CODE	**020_2472**

LAMP
- _ HTI 700W SE (7.200°K) or HTI 700W SE (5.600°K)
- _ Average lamp life 750 hr.
- _ Automatic hot restrike
- _ Remote Lamp on/off via DMX.
- _ Lamp power reduction in the event of overheating
- _ Lamp elapsed time and ignition counters

COLOUR
- _ Advanced CMY colour mixing
- _ Customizable colour wheel: 6 colours + white
- _ Linear CTO filter

GOBO
- _ 2 customizable gobo wheels: 8 rotating indexable gobos 16-bit
- _ Gobo change in sync with music and/or with blackout
- _ Animation wheel (interchangeable); 360° rotation and revolution

EFFECTS
- _ Linear frost
- _ 2-tone beams
- _ Colour change in sync with or without music and/or with blackout
- _ Rainbow colour
- _ UV light
- _ 1 rotating prism (4 facets)
- _ 1 overlapping non-rotating prism
- _ Linear iris diaphragm

OPTICS
- _ Motorized zoom 9°-32°
- _ Motorized focus

DIMMER
- _ Linear Dimmer

SHUTTER
- _ Shutter

STROBE
- _ Strobe 1-12 flashes per second, also with music sync

PAN TILT
- _ Pan 530° (4 sec.)
- _ Tilt 250° (3,4 sec.)
- _ Pan/Tilt lock; electronic Pan/Tilt unlock
- _ Pan/Tilt w. 8/16 bit resolution
- _ Automatic Pan/Tilt repositioning

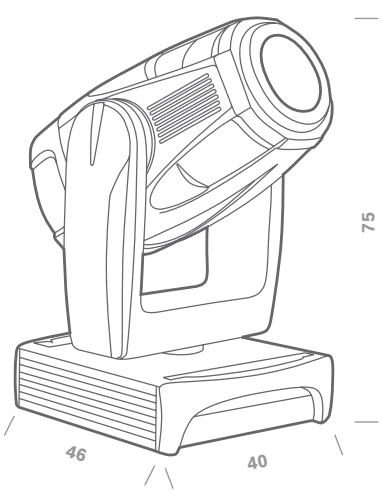
INPUT
- _ DMX 512 or RS 232 input signal
- _ 35 DMX channels
- _ Ethernet interface (ART-NET protocol)
- _ Wireless DMX interface as standard
- _ RDM protocol implemented on DMX (monitoring internal parameters)

SET UP
- _ Graphic display (140 x 16)
- _ Settings via on-board microcomputer viewable on display, even with fixture off
- _ Display “flip” function 180° rotation
- _ Adjustable display brightness
- _ Fixture running time counter
- _ On-board temperature sensors (base, power, one for each module)
- _ Total fixture software update via DMX

POWER
- _ Power supply with PFC (universal 90/245V 50/60Hz); protected against 400V
- _ Electronic Ballast

CONSUMPTION
- _ Max consumption: 1,000 W.
- _ Automatic energy saving in the event of blackout use

SYNTHESIS SPOT 700 is the first of a new generation of moving head fixtures designed and manufactured by SGM for leading edge professional applications. Wireless DMX interface fitted as standard and protection against incorrect power supplies of up to 400 Volts are only two of the unique features that show these fixtures have been studied and built without cutting any corners. It has a heart beating at 700 Watts that unleashes power comparable to a 1200W light source, with the possibility of fitting two types of lamps for two different colour temperatures: 7200°K or 5600°K. Automatic hot re-strike, colour mixing, an unbeatably precise linear dimmer, animation wheel, automatic electronic pan/tilt unlocking and silent operation as is the tradition with SGM fixtures, and as bright as required by SGM standards. **SYNTHESIS SPOT 700** is a combination of the best functions an automated fixture can offer.



SYNTHESIS WASH 700

DIMENSIONS (HxWxD)	
SYNTHESIS	**75 x 40 x 46 cm**
BOX	**90 x 56 x 58 cm**
WEIGHT	**39.5 Kg**
CODE	
BLACK CODE	**020_2800**
WHITE CODE	**020_2801**
SILVER CODE	**020_2802**

LAMP
- _ HTI 700W SE (7.200°K) or HTI 700W SE (5.600°K)
- _ Average lamp life 750 hr.
- _ Automatic hot restrike
- _ Remote Lamp on/off via DMX
- _ Lamp power reduction in the event of overheating
- _ Lamp elapsed time and ignition counters

COLOUR
- _ Advanced CMY colour mixing
- _ Customizable colour wheel: 4 colours + white
- _ Linear CTO filter

EFFECTS
- _ Frost lens
- _ Built-in beam shaper adjustable with continuous indexing from 0° to 180°
- _ Colour change in sync with or without music
- _ Rainbow colour
- _ Linear iris diaphragm

OPTICS
- _ Motorized zoom 6°-40°
- _ Motorized focus

DIMMER
- _ Linear dimmer

SHUTTER
- _ Shutter

STROBE
- _ Strobe 1-12 flashes per second, also with music sync.

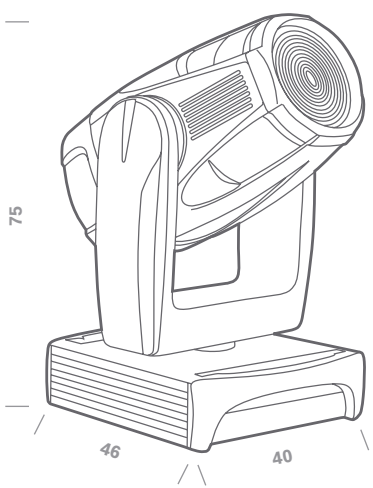
PAN TILT
- _ Pan 530° 4 sec.
- _ Tilt 250° 3,4 sec.
- _ Pan/Tilt lock; electronic Pan/Tilt unlock
- _ Pan/Tilt w. 8/16 bit resolution
- _ Automatic Pan/Tilt repositioning

INPUT
- _ DMX 512 or RS 232 input signal
- _ 20 DMX channels
- _ Ethernet interface (ART-NET protocol)
- _ Wireless DMX interface as standard
- _ RDM protocol implemented on DMX (monitoring internal parameters)

SET UP
- _ Settings via on-board microcomputer viewable on display, even with fixture off
- _ Display “flip” function 180° rotation
- _ Adjustable display brightness
- _ Fixture running time counter
- _ On-board temperature sensors (base, power, one for each module)
- _ Total fixture software update via DMX
- _ Graphic display (140 x 16)

POWER
- _ Power supply with PFC (universal 90/245V 50/60Hz); protected against 400V
- _ Electronic Ballast

CONSUMPTION
- _ Max consumption: 1,000 W
- _ Automatic energy saving in the event of blackout use



Powerful and feature-packed, **SYNTHESIS WASH 700** completes the SGM 700 series of fixtures. **SYNTHESIS WASH 700** has the possibility of fitting two 2 types of lamp with different colour temperatures: 7200°K or 5600°K. The cutting edge CMY colour mixing system and linear CTO filter enable absolutely any shade of colour to be obtained. A further 4-slot plus white colour wheel gives the possibility of generating all the deepest colours. The built-in 2-blade beam shaper is adjustable, with continuous indexing from 0 to 180°, enabling to sculpt the light beam to meet specific needs and ensuring high-precision lighting of specific areas of the set. Adjustable (6° to 40°) zoom, automatic hot restrike, colour mixing, unbeatably precise linear dimming, automatic electronic pan/tilt unlocking and silent running complete the **SYNTHESIS WASH 700.**

GIOTTO SPOT 400 CMY

DIMENSIONS (HxWxD)	
GIOTTO	**74.3 x 36.5 x 41.2 cm**
BOX	**84 x 50 x 55 cm**
WEIGHT	**33 Kg**
CODE	
BLACK CODE	**020_2413**
WHITE CODE	**020_2424**
SILVER CODE	**020_2425**

LAMP
_ MSR 400HR lamp (6.000°K)
_ Average lamp life: 750 H
_ Hot restrike
_ Remote Lamp on/off via DMX
_ Lamp power reduction in the event of overheating
_ Lamp elapsed time and ignition counters
_ 50% lamp power after 7 sec. with shutter or dimmer at 0

COLOUR
_ Advanced CMY colour mixing
_ Customizable colour wheel: 6 colours + white.
_ Linear CTO filter

GOBO
_ 2 customizable gobo wheels: 8 rotating indexable gobos (16-bit).
_ Gobo change in sync with music and/or with blackout.
_ Animation wheel (interchangeable)

EFFECTS
_ Linear frost
_ 2-tone beams
_ Colour change in sync with music and/or with blackout
_ Rainbow colour
_ UV light
_ 1 rotating prism (4 facets)
_ Linear iris diaphragm

OPTICS
_ Motorized zoom 9°-18°
_ Motorized focus

DIMMER
_ Linear dimmer

SHUTTER
_ Shutter

STROBE
_ Strobe 1-12 flashes per second, also with music sync.

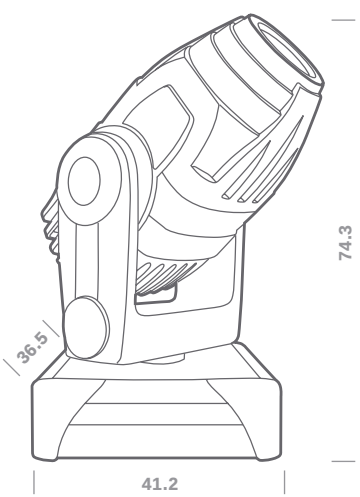
PAN TILT
_ Pan 540° (2.8 sec.)
_ Tilt 240° (1.7 sec.)
_ 8/16 bit resolution
_ Automatic Pan/Tilt repositioning

INPUT
_ DMX 512 or RS 232 input signal
_ 33 DMX channels

SET UP
_ Settings via on-board microcomputer viewable on display
_ Display “flip” function 180° rotation
_ Adjustable display brightness
_ Fixture running time counter

POWER
_ Power supply (universal 90/245V 50/60Hz)
_ Electronic Ballast

CONSUMPTION
_ Max consumption: 700 W



The latest evolution in the **GIOTTO 400** line of fixtures. The advanced series of effects and features puts it at the top of the class of moving head fixtures fitted with a 400W lamp. Compared with traditional features, **GIOTTO SPOT 400 CMY** has cyan, magenta and yellow colour mixing, to ensure an unlimited number of colours and different shades, Linear CTO, 2 wheels with rotating interchangeable gobos (each with 8 slots plus white) a 6-colours plus white colour wheel and an easily changeable animation wheel to create any kind of animated effects.

GIOTTO SPOT 400

DIMENSIONS (HxWxD)	
GIOTTO	**68.1 x 36.5 x 41.2 cm**
BOX	**84 x 50 x 55 cm**
WEIGHT	**24.8 Kg**
CODE	
BLACK CODE	**020_2415**
WHITE CODE	**020_2417**
SILVER CODE	**020_2421**

LAMP
_ MSR 400HR lamp (6.000°K)
_ Average lamp life: 750 H
_ Hot restrike
_ Remote Lamp on/off via DMX
_ Lamp power reduction in the event of overheating
_ Lamp elapsed time and ignition counters
_ 50% lamp power after 7 sec. with shutter or dimmer at 0

COLOUR
_ Customizable colour wheel with 8 colours + white
_ 3,200°K colour conversion filter (full CTO)
_ 4,000°K colour conversion filter (half CTO)
_ 2-tone beams

GOBO
_ 4 fixed gobos (effect wheel)
_ 8 rotating indexable gobos

EFFECTS
_ Linear frost
_ Customizable effect wheel
_ Colour change in sync with music and/or with blackout
_ Rainbow color
_ UV light
_ 2 rotating prisms (4 facets and 'Comet')
_ Linear iris diaphragm

OPTICS
_ Motorized zoom 9°-24°
_ Motorized focus

DIMMER
SHUTTER
STROBE
_ Linear dimmer
_ Shutter
_ Strobe 1-12 flashes per second, also with music sync.

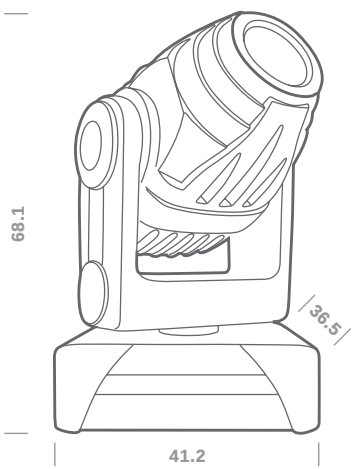
PAN TILT
_ Pan 540° (2.8 sec.)
_ Tilt 270° (1.7 sec.)
_ 8/16 bit resolution
_ Automatic Pan/Tilt repositioning

INPUT
_ DMX 512 - RS 232 input signal
_ 23 DMX channels

SET UP
_ Settings via on-board microcomputer viewable on display
_ Display "flip" function 180° rotation
_ Adjustable display brightness
_ Fixture running time counter

POWER
_ Power supply (universal 90/245V 50/60Hz)
_ Electronic Ballast (universal 90/245V 50/60Hz)

CONSUMPTION
_ Max consumption: 600 W
_ Automatic energy saving in the event of blackout use



For years, its use in professional stage lighting applications has candidated it as the leading moving head fixture in its class, as far as performance and inimitable light quality are concerned. Used in the most important productions at world level, today it is still the favourite hot-strike 400W fixture, thanks to its luminous output (12,000 Lux at 5 metres), reliability and silent running. **GIOTTO SPOT 400** features motorized zoom (from 9° to 24°), electronic focus, CTO filters, half CTO UV, linear iris and frost, 2 rotating prisms, a wheel fitted with 8 rotating gobos, 8 colour filters and an effect wheel.

GIOTTO WASH 400

DIMENSIONS (HxWxD)	
GIOTTO	**68.1 x 36.5 x 41.2 cm**
BOX	**84 x 50 x 55 cm**
WEIGHT	**24.8 Kg**
CODE	
BLACK CODE	**020_2419**
WHITE CODE	**020_2418**
SILVER CODE	**020_2422**

LAMP
- _ MSR 400HR lamp (6.000 K)
- _ Average lamp life: 750 H
- _ Remote Lamp on/off via DMX
- _ Hot restrike
- _ Lamp power reduction in the event of overheating
- _ Lamp elapsed time and ignition counters
- _ 50% lamp power after 7 sec. with shutter or dimmer at 0

COLOUR
- _ Advanced CMY colour mixing
- _ Customizable colour wheel with 7 colours + white
- _ Linear colour conversion filter

EFFECTS
- _ Internal shutters can be rotated through 180°
- _ Rainbow color
- _ UV light

OPTICS
- _ Motorized zoom 15°-30°

DIMMER
- _ Linear dimmer

SHUTTER
- _ Shutter

STROBE
- _ Strobe 1-12 flashes per second, also with music sync.

PAN TILT
- _ Pan 540° (2.8 sec.)
- _ Tilt 270° (1.7 sec.)
- _ 8/16 bit resolution
- _ Automatic Pan/Tilt repositioning

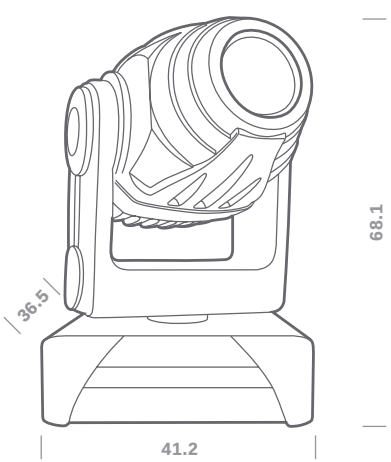
INPUT
- _ DMX 512 - RS 232 input signal
- _ 18 DMX channels

SET UP
- _ Settings via on-board microcomputer viewable on display
- _ Display “flip” function 180° rotation
- _ Adjustable display brightness
- _ Fixture running time counter

POWER
- _ Power supply (universal 90/245V 50/60Hz)
- _ Electronic Ballast (universal 90/245V 50/60Hz)

CONSUMPTION
- _ Max consumption: 600 W
- _ Automatic energy saving in the event of blackout use

The **GIOTTO 400** serie wouldn’t have been complete without a Wash fixture, a must whenever delicate uniform lighting is required. The advanced CYM colour mixing system. along with a linear CTO filter, enables absolutely any shade of colour to be obtained. A further 7-slot plus white colour wheel also gives the possibility of generating all the deepest colours.
GIOTTO WASH 400 features a built-in electronic beam shaper with two blades that can be moved from 0 to 180°, makes itideal for theatrical applications and for high-precision lighting of specific areas of the set.



GIOTTO PROFILE 400

DIMENSIONS (HxWxD) **GIOTTO**	**68.1 x 36.5 x 41.2 cm**
BOX	**84 x 50 x 55 cm**
WEIGHT	**24.8 Kg**
CODE	
BLACK CODE	**020_2450**
WHITE CODE	**020_2449**
SILVER CODE	**020_2423**

LAMP
- MSR 400HR lamp (6.000°K)
- Average lamp life: 750 H
- Hot restrike
- Remote Lamp on/off via DMX
- Lamp power reduction in the event of overheating
- Lamp elapsed time and ignition counters
- 50% lamp power after 7 sec. with shutter or dimmer at 0

COLOUR
- Customizable colour wheel
- 3,200°K colour conversion filter (full CTO)

EFFECTS
- Linear frost
- Customizable effect wheel
- Colour change in sync with music and/or with blackout
- Rainbow color
- 4-leaf beam shaper, controlled via DMX

OPTICS
- Motorized zoom 16°-24°
- Motorized focus

DIMMER
- Linear dimmer

SHUTTER
STROBE
- Shutter
- Strobe 1-12 flashes per second, also with music sync.

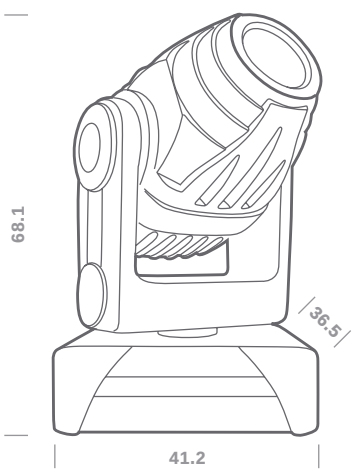
PAN TILT
- Pan 540° 2.8 sec.
- Tilt 270° 1.7 sec.
- 8/16 bit resolution
- Automatic Pan/Tilt repositioning

INPUT
- DMX 512 - RS 232 input signal
- 27 DMX channels

SET UP
- Settings via on-board microcomputer viewable on display
- Display “flip” function 180° rotation
- Adjustable display brightness
- Fixture running time counter

POWER
- Power supply (universal 90/245V 50/60Hz)
- Electronic Ballast (universal 90/245V 50/60Hz)

CONSUMPTION
- Max consumption: 600 W
- Automatic energy saving in the event of blackout use



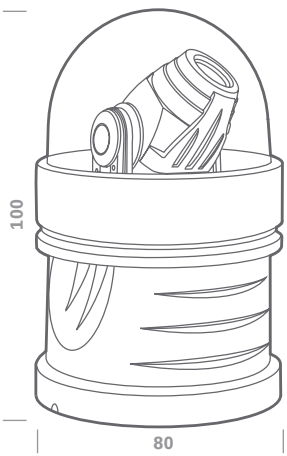
GIOTTO 400 PROFILE was designed and manufactured specifically for top-level professional applications in theatre and television field, where it is necessary to be able to shape light beams freely and precisely, with bright well-defined edges. **GIOTTO 400 PROFILE**’s built-in beam shaping module is fitted with 4 blades, each of which can be independently controlled as far as insertion and inclination are concerned. In fact, each blade can be gradually inserted into the light beam until it is completely blacked out. The +/- 45° rotation of each blade on its axis enables to form any 4-sided or triangular shape extremely easily.

ACCESSORIES

DIMENSIONS (HxWxD)	
LIGHT DOME BOX	**100 x 80 x 80 cm** **140 x 90 x 90 cm**
WEIGHT	**70 Kg**
CODE	**020_2406**
FAST-LOCK CODE	**G000035**

LIGHT DOME

_ Cover for outdoor use with Giotto Spot 400, Wash 400 and Profile 400 fixtures.
_ The Dome is in highly transparent heat-resistant polycarbonate with a built-in ventilation system and grey ABS body.
_ Tamper-proof system.
_ Power requirements 220V AC, 50/60Hz, 30W.



FAST-LOCK

_ **"Fast-Lock"** clamps, supplied as standard with all GIOTTO and SYNTHESIS fixtures, are manufactured in aluminium and designed to ensure secure mounting on truss and grids made from tubes with a diameter of between 38 and 50 mm.
_ On the bottom of the GIOTTO and SYNTHESIS fixtures, there are 8 slots for fitting the clamps, which can be mounted horizontally, Vertically or at an angle of 45° to the fixture's base.

FLIGHT CASES

FLIGHT CASE GIOTTO 1500 SINGLE	**006_1856**	(HxLxD): 88 x 69 x 73 cm. Weight: 40 Kg. Skates as standard
FLIGHT CASE GIOTTO 1500 DOUBLE	**006_1857**	(HxLxD): 121 x 64 x 104 cm. Weight: 70 Kg. Skates as standard
FLIGHT CASE SYNTHSIS 700 - PLUS SINGLE	**006_1765**	(HxLxD): 54 x 86 x 50 cm. Weight: 32 Kg. Skates on request
FLIGHT CASE SYNTHSIS 700 - PLUS DOUBLE	**006_1766**	(HxLxD): 97 x 108 x 54 cm. Weight: 50 Kg. Skates as standard
FLIGHT CASE GIOTTO 400 - PLUS SINGLE	**006_1745**	(HxLxD): 48 x 80 x 42 cm. Weight: 16 Kg. Skates on request
FLIGHT CASE GIOTTO 400 - PLUS DOUBLE	**006_1746**	(HxLxD): 91 x 94 x 54 cm. Weight: 48 Kg. Skates as standard
FLIGHT CASE GIOTTO 400 DOUBLE	**006_1850**	(HxLxD): 85 x 93 x 49 cm. Weight: 45 Kg. Skates as standard
FLIGHT CASE IDEA 250 / 575 - PLUS DOUBLE	**006_1781**	(HxLxD): 90 x 90 x 54 cm. Weight: 33 Kg. Skates as standard
FLIGHT CASE IDEA 250 / 575 DOUBLE	**006_1852**	(HxLxD): 67 x 100 x 59 cm. Weight: 52,2 Kg. Skates as standard
FLIGHT CASE IDEA 150 - PLUS DOUBLE	**006_1782**	(HxLxD): 80 x 80 x 54 cm. Weight: 30 Kg.
SKATE WHEELS	**006_1731**	Multilayer marine wood skate (20mm) with 4 wheels (2 of them with brakes) for all kind of professional rack or flight cases.

These sturdy **FLIGHT CASES** were specially studied and designed for transporting and storing **SGM**, ensuring total protection against impact.
The **FLIGHT CASES** are available in a double version or a single version, and are equipped with internal accessory compartments.

CLUB VERTIGO

SGM dealer	_ **Plusmusic AG**
Lighting designer	_ **Frank Alofs**
	_ **Stefano Trevisan**
Lighting contractor	_ **Limmatronic AG**
Photo by	_ **Plusmusic AG**
SGM equipment	_ **GIOTTO SPOT 400**
	_ **GENIO MOBILE**
	_ **POWERLIGHT 612**

_ IDEA SPOT 150
_ IDEA SPOT 250
_ IDEA SPOT 575
_ IDEA WASH 250
_ IDEA WASH 575
_ IDEA COLOR CHANGER
_ IDEA SCANNER
_ IDEA STROBO

IDEA SPOT 150

DIMENSIONS (HxWxD)	
IDEA	**45 x 35 x 44 cm**
BOX	**57 x 44 x 50 cm**
WEIGHT	**17 Kg**
CODE	**020_2620**

LAMP
_ CDM-150 SA/T lamp (4200°K)
_ Average lamp life 9.000 H
_ Remote lamp on/off via DMX

COLOUR
_ Colour wheel:
8 colours + white,
adjustable rotation speed
_ 2 Different rainbow effect

GOBO
_ Indexable rotating gobo wheel:
7 gobos plus open.
_ Different speed gobo shake.
_ Rainbow effect.

EFFECTS
_ Automatic operation
master and slave
_ Sync with music
_ 8 pre-built programs
_ 48 programmable scenes

OPTICS
_ Electronic focus

DIMMER
_ Dimmer intensity from 0 to 100
SHUTTER
_ Shutter
STROBE
_ Strobe 0-10 flash/second
_ Strobo random

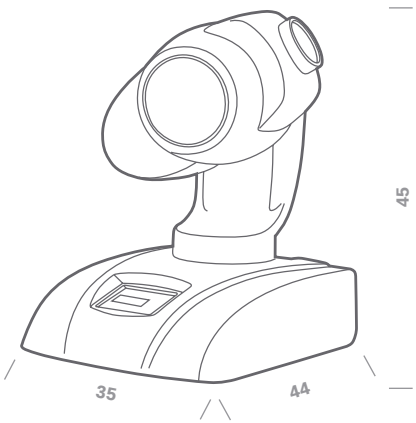
PAN TILT
_ Pan 540° (optional 630°)
_ Tilt 265°
_ 8/16 bit resolution
_ Pan Tilt speed control
_ Automatic Pan Tilt repositioning

INPUT
_ DMX 512 input signal
_ 11 DMX channels 16 bit
_ 9 DMX channels 8 bit

SET UP
_ Auto test all functions
_ Display the value
of each DMX channel
_ Display “flip” function
180° rotation

POWER
_ Power requirements:
AC 120/230V, 50/60 Hz

IDEA SPOT 150 is fitted with a 150W discharge lamp whose ignition is controlled from the lighting console, a customizable gobo wheel with 7 rotating indexable gobos with adjustable rotation speed, adjustable ‘gobo shake’ and a 8 colour wheel.
IDEA SPOT 150 has 8 preset programs + 48 programmable scenes, can be used in master or slave mode and has automatic pan and tilt re-set.



IDEA SPOT 250

DIMENSIONS (HxWxD) IDEA	48 x 50 x 36 cm
BOX	47 x 60 x 58 cm
WEIGHT	27 Kg
CODE	020_2610

LAMP
_ MSD250/2 lamp (6.500°K)
_ Average lamp life 3.000 H
_ Remote lamp on/off via DMX

COLOUR
_ Colour wheel:
8 colours + white,
adjustable rotation speed.
_ Rainbow effect.

GOBO
_ Indexable rotating gobo wheel:
6 gobos plus open.
_ Different speed gobo shake.
_ Rainbow effect.
_ Static gobo wheel:
7 gobos plus open.
_ Gobo shaking
with different speed.

EFFECTS
_ Automatic operation
master and slave
_ Sync with music
_ 8 pre-built programs
_ 48 programmable scenes
_ Colour or Gobo change
with blackout
_ 1 rotating indexing prism
(3 facets)

OPTICS
_ Electronic focus

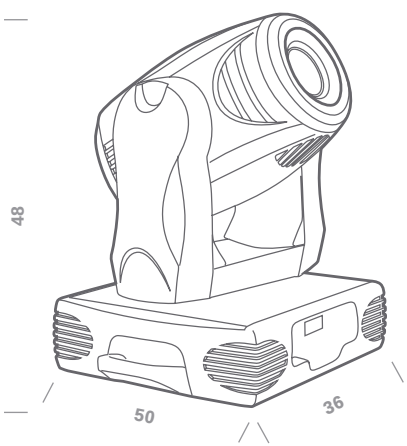
DIMMER
SHUTTER
STROBE
_ Dimmer intensity from 0 to 100
_ Shutter
_ Strobe 0-13 flash/second

PAN TILT
_ Pan 540° (optional 630°)
_ Tilt 265°
_ 8/16 bit resolution
_ Pan Tilt speed control
_ Automatic Pan Tilt repositioning

INPUT
_ DMX 512 input signal
_ 14 DMX channels 16 bit
_ 12 DMX channels 8 bit

SET UP
_ Auto test all functions
_ Display the value
of each DMX channel
_ Display “flip” function
180° rotation

POWER
_ Power requirements:
AC 120/230V, 50/60Hz



IDEA SPOT 250 is fitted with a 250W discharge lamp whose ignition is controlled from the lighting console, a gobo wheel with 6 rotating indexable gobos with adjustable rotation speed, a wheel with 7 fixed gobos, adjustable ‘gobo shake’ and a colour wheel with eight dichroic filters.
IDEA SPOT 250 has 8 preset programs + 48 programmable scenes, can be used in master or slave mode and has automatic pan and tilt re-set.

IDEA SPOT 575

DIMENSIONS (HxWxD)	
IDEA	**50 x 50 x 39 cm**
BOX	**60 x 53 x 58 cm**
WEIGHT	**39 Kg**
CODE	**020_2612**

LAMP
_ MSR 575/2 lamp (7.200°K)
_ Average lamp life 1.000 H
_ Remote lamp on/off via DMX

COLOUR
_ Colour wheel:
8 colours + white,
adjustable rotation speed
_ Rainbow effect

GOBO
_ Indexable rotating gobo wheel:
6 gobos plus open.
_ Different speed gobo shake.
_ Rainbow effect.
_ Static gobo wheel:
7 gobos plus open.
_ Gobo shaking with different speed

EFFECTS
_ Automatic operation
master and slave
_ Sync with music
_ 8 pre-built programs
_ 48 programmable scenes
_ Colour or Gobo change
with blackout
_ 1 rotating indexing prism
(3 facets)
_ Number of scenes
in Program Run can be
changed individually
_ Iris from 5% to 100%,
with pulse iris effect
_ Linear Frost

OPTICS
_ Electronic focus
_ Step zoom 18° 21° 24°

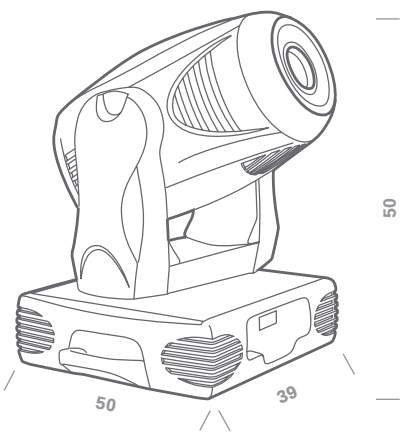
DIMMER
_ Dimmer intensity from 0 to 100
SHUTTER
_ Shutter
STROBE
_ Strobe 0-13 flash/second

PAN TILT
_ Pan 540° (optional 630°)
_ Tilt 265°
_ 8/16 bit resolution
_ Pan Tilt speed control
_ Automatic Pan Tilt repositioning

INPUT
_ DMX 512 input signal
_ 16 DMX channels 16 bit
_ 14 DMX channels 8 bit

SET UP
_ Auto test all functions
_ Display the value
of each DMX channel
_ Display “flip” function
180° rotation

POWER
_ Power requirements:
AC 230V, 50/60 Hz,
on request 120V



IDEA SPOT 575 is fitted with a 575W discharge lamp whose ignition is controlled from the lighting console, two gobo wheels that can be personalized, a colour wheel, adjustable mechanical iris diaphragm with various pulse effect speeds and a 3-facet prism. The unit has electronic focus and 18°, 21°, 24° step zoom.
IDEA SPOT 575 has 8 preset programs + 48 programmable scenes and can be used in master or slave mode; pan and tilt reset are automatic.

IDEA WASH 250

DIMENSIONS (HxWxD) IDEA	48 x 50 x 36 cm
BOX	47 x 60 x 58 cm
WEIGHT	25 Kg
CODE	020_2611

LAMP
_ MSD250/2 lamp (6.500°K)
_ Average lamp life 3.000 H
_ Remote lamp on/off via DMX

COLOUR
_ Colour wheel:
8 dichroic filters + white,
adjustable rotation speed
_ Rainbow effect
_ Advanced CMY colour mixing

EFFECTS
_ Automatic operation
master and slave
_ Sync with music
_ 8 pre-built programs
_ 48 programmable scenes
_ Colour change with blackout
_ Effect wheel:
beam shaper and frost filter

OPTICS
_ Motorized zoom 8° 22°

DIMMER
_ Dimmer intensity from 0 to 100

SHUTTER
_ Shutter

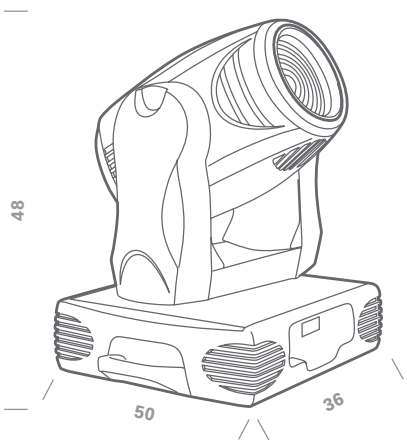
STROBE
_ Strobe 0-13 flash/second

PAN TILT
_ Pan 540° (optional 630°)
_ Tilt 265°
_ 8/16 bit resolution
_ Pan Tilt speed control
_ Automatic Pan Tilt repositioning

INPUT
_ DMX 512 input signal
_ 14 DMX channels 16 bit
_ 12 DMX channels 8 bit

SET UP
_ Auto test all functions
_ Display the value
of each DMX channel
_ Display “flip” function
180° rotation

POWER
_ Power requirements:
AC 120/230V, 50/60Hz



IDEA WASH 250 is fitted with a 250W discharge lamp whose ignition is controlled from the lighting console, a colour wheel with eight dichroic filters, an effects wheel with beam shaper and frost filter and CMY colour mixing.
IDEA WASH 250 has 8 preset programs + 48 programmable scenes and can be used in master or slave mode; it also has automatic pan and tilt reset.

IDEA WASH 575

DIMENSIONS (HxWxD)	
IDEA	**50 x 50 x 39 cm**
BOX	**60 x 53 x 58 cm**
WEIGHT	**34 Kg**
CODE	**020_2613**

LAMP
_ MSR 575/2 lamp (7.200°K)
_ Average lamp life 1.000 H
_ Remote lamp on/off via DMX

COLOUR
_ Colour wheel:
7 dichroic filters + white,
adjustable rotation speed
_ Rainbow effect
_ Advanced CMY colour mixing
_ 2 colour temperature
correction filters
_ Pre-built colour effects

EFFECTS
_ Automatic operation
master and slave
_ Sync with music
_ 8 pre-built programs
_ 48 programmable scenes
_ Colour change with blackout
_ Effect wheel:
beam shaper and frost filter

OPTICS
_ Motorized zoom 7° 28°

DIMMER
_ Dimmer intensity from 0 to 100
SHUTTER
_ Shutter
STROBE
_ Strobe 0-13 flash/second

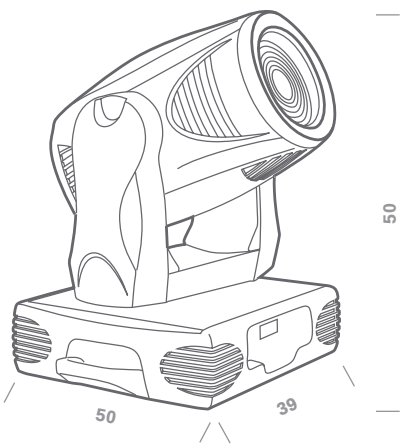
PAN TILT
_ Pan 540° (optional 630°)
_ Tilt 265°
_ 8/16 bit resolution
_ Pan Tilt speed control
_ Automatic Pan Tilt repositioning

INPUT
_ DMX 512 input signal
_ 16 DMX channels 16 bit
_ 14 DMX channels 8 bit

SET UP
_ Auto test all functions
_ Display the value
of each DMX channel
_ Display “flip” function
180° rotation

POWER
_ Power requirements:
AC 230V, 50/60 Hz,
on request 120V

IDEA WASH 575 is fitted with a 575W discharge lamp whose ignition is controlled by the lighting console, a colour wheel with seven dichroic filters, colour temperature correction filters, an effects wheel with beam shaper and frost filter and CMY colour mixing.
IDEA WASH 575 has 8 preset programs + 48 programmable scenes and can be used in master or slave mode; it also has automatic pan and tilt reset.



IDEA COLOR CHANGER 575

DIMENSIONS (HxWxD)	
IDEA	**45 x 44 x 28 cm**
BOX	**56 x 48 x 44 cm**
WEIGHT	**26 Kg**
CODE	**020_2622**

LAMP
_ MSR 575/2 lamp (7.200°K)
_ Average lamp life 1.000 H
_ Remote lamp on/off via DMX

COLOUR
_ Colour wheel:
7 colours + white,
adjustable rotation speed
_ Rainbow effect
_ Advanced CMY colour mixing

EFFECTS
_ Automatic operation
master and slave
_ Sync with music
_ 8 pre-built programs
_ 48 programmable scenes
_ Colour change with blackout
_ Effect wheel:
beam shaper and frost filter

OPTICS
_ Motorized zoom 10° 28°

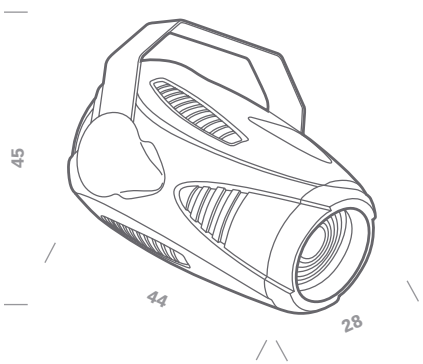
DIMMER
SHUTTER
STROBE
_ Dimmer intensity from 0 to 100
_ Shutter
_ Strobe 0-10 flash/second
_ Strobo random

PAN TILT
_ Fixed

INPUT
_ DMX 512 input signal
_ 11 DMX channels

SET UP
_ Auto test all functions
_ Display the value
of each DMX channel

POWER
_ Power requirements:
AC 230V, 50/60Hz,
on request 120V



IDEA COLOUR CHANGER 575 has a 575W discharge lamps with ignition controlled from the lighting console, a gobo wheel with 6 rotating indexable gobos with adjustable rotation speed, an effects wheel with beam shaper and frost filter.
IDEA COLOUR CHANGER 575 has 8 preset programs and 48 programmable scenes, can be run in sync with the music and used in master or slave mode.

IDEA SCANNER 250

DIMENSIONS (HxWxD) **IDEA**	**73 x 34 x 24 cm**
BOX	**85 x 42 x 42 cm**
WEIGHT	**22 Kg**
CODE	**020_2624**

LAMP
_ MSD250/2 lamp (6.500°K)
_ Average lamp life 2.000 H
_ Remote lamp on/off via DMX

COLOUR
_ Colour wheel:
8 colours + white,
adjustable rotation speed
_ Rainbow effect

GOBO
_ Indexable rotating gobo wheel:
6 gobos plus open.
_ Different speed gobo shake.
_ Rainbow effect
_ Static gobo wheel:
7 gobos plus open.
_ Gobo shaking with different speed.

EFFECTS
_ Automatic operation
master and slave
_ Sync with music
_ 8 pre-built programs
_ 48 programmable scenes
_ Colour or Gobo
change with blackout
_ 1 rotating indexing prism
(3 facets)

OPTICS
_ Electronic focus

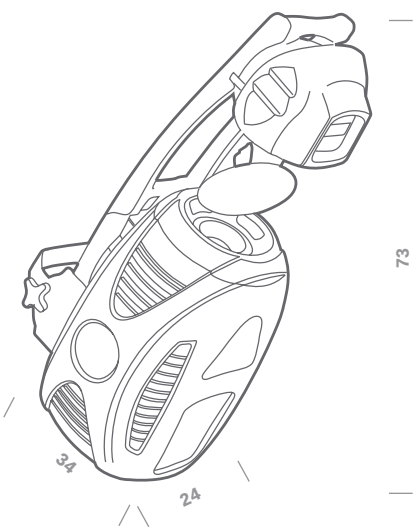
DIMMER
_ Dimmer intensity from 0 to 100
SHUTTER
_ Shutter
STROBE
_ Strobe 0-10 flash/second
_ Strobo random

PAN TILT
_ Pan 170°
_ Tilt 85°
_ 8/16 bit resolution
_ Pan Tilt speed control
_ Automatic Pan Tilt repositioning

INPUT
_ DMX 512 input signal
_ 14 DMX channels 16 bit
_ 12 DMX channels 8 bit

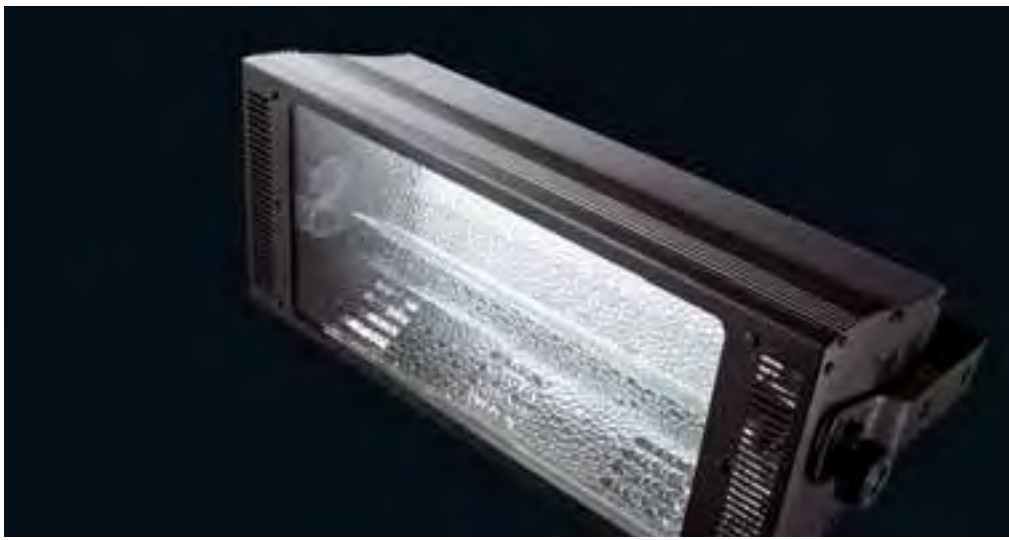
SET UP
_ Auto test all functions
_ Display the value
of each DMX channel

POWER
_ Power requirements:
AC 120/230V, 50/60Hz



IDEA SCANNER 250 has a 250W discharge lamps with ignition controlled from the desk, a customizable wheel with 6 rotating indexable gobos with adjustable rotation speed, adjustable “gobo shake” and a wheel with 8 colours.
IDEA SCANNER 250 has 8 preset programs and 48 programmable scenes, can be used in master or slave mode and has automatic pan and tilt re-positioning.

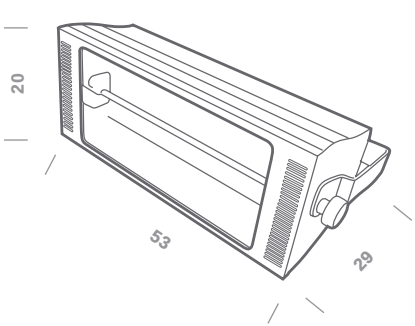
IDEA STROBO



DIMENSIONS (HxWxD) **IDEA**	**20 x 53 x 29 cm**
BOX	**35 x 60 x 28 cm**
WEIGHT	**6 Kg**
CODE	**020_2623**

IDEA STROBO

_ Flash rate from 1 to 25 flashes per second (continuous light).
_ Dimmer adjustable from 0 to 100%
_ Automatic operation master and slave
_ Sync with music
_ 4 pre-built programs
_ The universal power supply and automatic power factor correction system enable the unit to be used anywhere, and the DMX control (which only uses 2 channels) allow it to be run by any controller



IDEA STROBO is a professional strobe light fitted with a 1,500W xenon lamp with an exceptional luminous output.
Fitted in a sturdy metal case, **IDEA STROBO** is built according to CE norms and submitted to very strict tests that ensure its reliability even in the most extreme conditions.

BRYAN ADAMS "WORLD TOUR"

SGM dealer _ **Lightfactor Sales**
Lighting designer _ **Bryan Leitch**
_ **Nick Whitehouse**
Photo by _ **Louise Stickland**
SGM equipment _ **GIOTTO SPOT 400 CYM**
_ **PALCO 3**
_ **SYNTHESIS SPOT 700**

VICTORY II 250

DIMENSIONS (HxWxD) **VICTORY**	**26 x 65 x 35 cm**
WEIGHT	**14 Kg**
CODE	**020_2271**
DIMENSIONS FLIGHT CASE (HxWxD) SINGLE DOUBLE	**32 x 76 x 42 cm** **32 x 76 x 76 cm**
WEIGHT SINGLE DOUBLE	**11,4 Kg** **22,5 Kg**
CODE SINGLE DOUBLE	**006_1734** **066_1747**

LAMP
_ Economic 250W 24V lamp
_ Average lamp life: 300 H.

COLOUR
_ 16 colours, 2-tone beams, adjustable speed rainbow effect, high-speed colour change with or without blackout and possibility of music sync facility

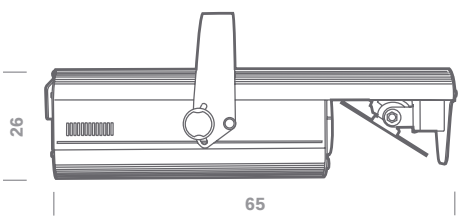
GOBO
_ 7-position gobo wheel (easily replaced gobos), 4 rotating gobos with adjustable speed in both directions.
_ Gobo change is high-speed or slow with rotagobo function (continuous rotation of gobo wheel), with or without blackout.

EFFECTS
_ Frost filter for colour washes
_ CTB colour temperature filter
_ Gobochanger can run in sync with the music

DIMMER STROBE
_ 0÷100% dimmer
_ Strobe (1-9 fps)

INPUT
_ Input signal: DMX 512 or RS-232/423
_ Control channels: 10 (12 in 16-bit mode)

POWER
_ Power requirements 220V AC 50/60Hz (universal).



VICTORY II 250 is a professional scanner that combines top-level performance and great compactness. Thanks to its light weight and functionality, it can be easily installed in any position and any technical work can be carried out very rapidly.
VICTORY II 250 has 16 colour combinations, two-tone beams and rainbow effect; strobe, frost filter and CTB, wheel with 7 interchangeable gobos (4 of which are rotary); the 250W lamp, combined with a special reflector generates a luminous power of no less than 5,000 lux at 5 metres.

GOLDEN CENTURY

SGM dealer _ **Technopro L.L.C.**

SGM equipment _ **PALCO 3**

_ **REGIA 2048 Pro**

_ REGIA 2048 OPERA
_ REGIA 2048 LIVE
_ REGIA 2048 PRO

_ STUDIO 24
_ STUDIO 12
_ STUDIO 24 SCAN CONTROL
_ STUDIO 12 SCAN CONTROL

_ PILOT 2000
_ PILOT 3000

REGIA 2048 OPERA

DIMENSIONS (HxWxD) **REGIA**	**16.5 x 120 x 56.5 cm**
BOX	**34 x 130 x 80 cm**
WEIGHT	**35 Kg**
CODE	**003_1400**
DIMENSIONS (HxWxD) **FLIGHT CASE**	**29 x 128 x 74 cm**
WEIGHT	**38 Kg**
CODE	**006_1748**

CONTROL PANNEL
- _ 96 Manual Presets
- _ 24 Playback Registers
- _ 36 Virtual Registers per page
- _ Motorized A and B masters

FEATURES
- _ Personality libraries
- _ Direct Fixture, Group, Palette and Cues access
- _ Shape Engine
- _ Unlimited number of Cues
- _ Unlimited number of Cues-List
- _ Unlimited number of Pages
- _ WYSIWYG CE in bundle
- _ Flash memory card

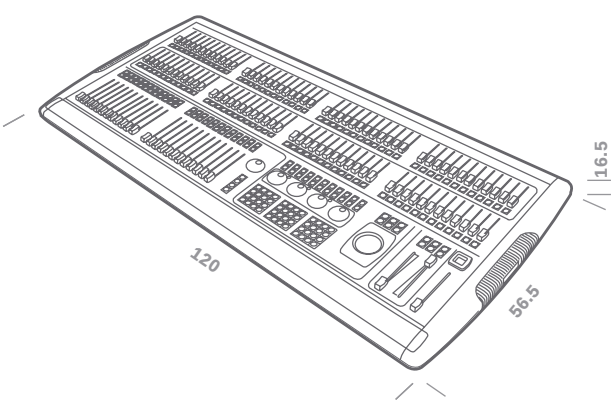
OUTPUT
- _ 2048 DMX channels
- _ 4 independent DMX 512 lines

HARDWARE
- _ Track ball / mouse 2”
- _ 5 encoders knobs
- _ 11 function keys
- _ Keyboard
- _ Optical mouse
- _ CDRW burner on-board
- _ On-board hard disk
- _ 3.5” Disk drive on-board
- _ Anti-blackout buffer battery; running time: 30 min.

MONITOR
- _ 1 output SVGA display 1 not included (optional touch screen)
- _ 1 output SVGA display 2 not included

CONNECTIONS
- _ 4 DMX Out, 1 DMX In, MIDI In / Out / Thru, SMPTE In, LAN 1 / 2, RS-232, RGB1 / 2, Printer port, Keyboard / Mouse, AUX In.

REGIA 2048 OPERA is a professional lighting control console with hardware designed for all **theatrical and television applications**. With its large number of presets (96), it allows immediate manual access to a wide selection of channels for immediate control of typically conventional fixtures. And that’s not all. It offers users all the typical features of the Regia 2048 series for advanced control of automated fixtures, with access to no less than 24 Playback Registers per page, expandable up to 36. **REGIA 2048 OPERA** also comes with **WYSIWYG** CE in bundle for all pro operators and LDs who intend making use of an avant-garde tool for show design and virtual pre-cueing.



REGIA 2048 LIVE

DIMENSIONS (HxWxD) REGIA BOX	20 x 104 x 56.5 cm 34 x 114 x 78 cm
WEIGHT	37 Kg
CODE	003_1401
DIMENSIONS (HxWxD) FLIGHT CASE	32 x 112 x 74 cm
WEIGHT	35 Kg
CODE	006_1749

CONTROL PANNEL
- 24 Manual Presets
- 12 Playback Registers
- 36 Virtual Registers per page
- Motorized A and B masters

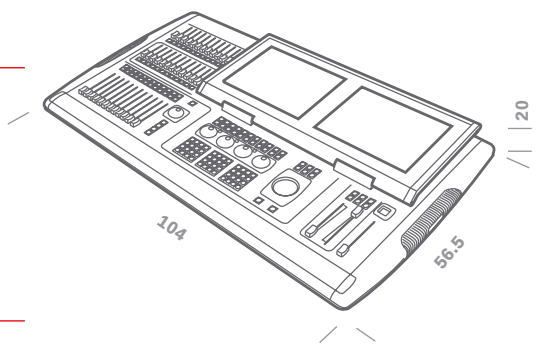
FEATURES
- Personality libraries
- Direct Fixture, Group, Palette and Cues access
- Shape Engine
- Unlimited number of Cues
- Unlimited number of Cues-List
- Unlimited number of Pages
- WYSIWYG CE in bundle
- Flash memory card

OUTPUT
- 2048 DMX channels
- 4 independent DMX 512 lines

HARDWARE
- Track ball / mouse 2”
- 5 encoders knobs
- 11 function keys
- Keyboard
- Optical mouse
- CDRW burner on-board
- On-board hard disk
- 3.5” Disk drive on-board
- Anti-blackout buffer battery; running time: 30 min.

MONITOR
- 1 monitor TFT touch-screen 12”
- 1 monitor TFT 12”

CONNECTIONS
- 4 DMX Out, 1 DMX In, MIDI In / Out / Thru, SMPTE In, LAN 1 / 2, RS-232, RGB1 / 2, Printer port, Keyboard / Mouse, AUX In.



REGIA 2048 LIVE is a professional lighting control console, designed and manufactured for all those who require total advanced control of any kind of show lighting rig. It’s the top model in the Regia 2048 range, and has all the hardware and software necessary for high profile applications. Suited to important use in applications such as **Live Music and Large Events**, it also has **WYSIWYG** CE in bundle for all operators and LDs who intend making use of an avant-garde tool for show design and virtual pre-cueing.

REGIA 2048 PRO

DIMENSIONS (HxWxD) **REGIA**	**16.5 x 69 x 56.5 cm**
BOX	**34 x 80 x 80 cm**
WEIGHT	**24 Kg**
CODE	**003_1402**
DIMENSIONS (HxWxD) **FLIGHT CASE**	**29 x 74 x 78 cm**
WEIGHT	**25 Kg**
CODE	**006_1750**

CONTROL PANNEL
_ 24 Playback Registers
_ 36 Virtual Registers per page
_ Motorized A and B masters

FEATURES
_ Personality libraries
_ Direct Fixture, Group, Palette and Cues access
_ Shape Engine
_ Unlimited number of Cues
_ Unlimited number of Cues-List
_ Unlimited number of Pages
_ WYSIWYG CE in bundle
_ Flash memory card

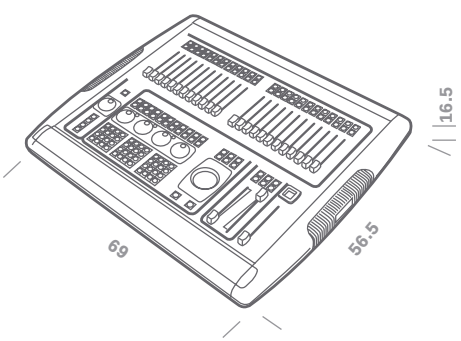
OUTPUT
_ 2048 DMX channels
_ 4 independent DMX 512 lines

HARDWARE
_ Track ball / mouse 2”
_ 5 encoders knobs
_ 11 function keys
_ Keyboard
_ Optical mouse
_ CDRW burner on-board
_ On-board hard disk
_ 3.5” Disk drive on-board
_ Anti-blackout buffer battery; running time: 30 min.

MONITOR
_ 1 output SVGA display 1 not included (optional touch screen)
_ 1 output SVGA display 2 not included

CONNECTIONS
_ 4 DMX Out, 1 DMX In, MIDI In / Out / Thru, SMPTE In, LAN 1 / 2, RS-232, RGB1 / 2, Printer port, Keyboard / Mouse, AUX In.

REGIA 2048 PRO is the series' most compact lightweight lighting console for professional use.
Suited to **permanent installations** or for backup use on large events, it has all the features necessary for flexible immediate control of large show lighting rigs. 24 Playback Registers expandable up to 36, as well as all the series' classical functions, make **REGIA 2048 PRO** a powerful effective controller that is also easy to transport and use. Pro has **WYSIWYG** in bundle for all those who intend making use of an avant-garde tool for show design and virtual pre-cueing.



RAMPFEBER TV4

SGM dealer	_ **Interlite**
Lightind designer	_ **Pelle Larsson**
Photo by	_ **Interlite**
SGM equipment	_ **RIBALTA**

STUDIO 24 SCAN CONTROL

DIMENSIONS (HxWxD) **STUDIO 24 SC**	**9.5 x 102 x 49 cm**
BOX	**17 x 121 x 58 cm**
WEIGHT	**17.5 Kg**
CODE	**003_1276**
DIMENSIONS (HxWxD) **FLIGHT CASE**	**15 x 107 x 60 cm**
WEIGHT	**14 Kg**
CODE	**006_1740**

CONTROL PANNEL

_ 2 presets + memory registers on 3 independent rows of 24 faders
_ 24 programmable light chases (max 24 steps)
_ 24 pages of memory registers

FEATURES

_ Chases easily stored in memories
_ Independent adjustment of crossfade time between presets
_ Possibility of storing data and memories on PC
_ 576 scene memories
_ Availability of programs for scanners and moving head fixtures resident in memory and useable directly
_ Link function for updating the memories
_ Universal controller for 12 DMX units (scanners, colourchangers or dimmers) using up to a maximum of 36 channels 12 programs of 12 scenes reserved for each fixture

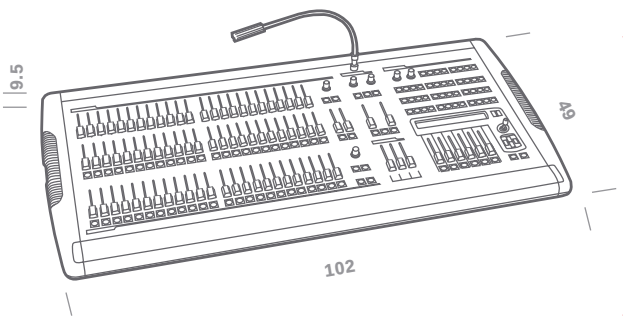
OUTPUT

_ 512 channels, of which 24 with double preset, reserved for dimmer channels (48 single preset channels).

CONNECTIONS

_ DMX in/out connector, SMPTE socket for sync of memory register changes
_ Audio input and built-in microphone for music sync functions
_ MIDI in/thru/out sockets
_ Jack socket for up/down pedal control of memory register changes
_ XLR socket for service light (12V 3W)
_ Universal AL4 switching power supply included

STUDIO 24 SCAN CONTROL is a reliable user-friendly lighting console, able to control 24 or 48 channels of dimmable fixtures, and 12 'intelligent' units using up to 36 DMX channels each.
Besides all the common functions of the Studio range **STUDIO 24 SCAN CONTROL** includes:
DMX unit controls for controlling moving head units, scanners, colour-changers, dimmers, and any other equipment using DMX 512 protocol.
STUDIO 24 SCAN CONTROL is an extremely versatile lighting control console, ideal for a vast range of applications: from concerts to theatres, from clubs to television studios, from small to large show events.



STUDIO 12 SCAN CONTROL

DIMENSIONS (HxWxD) STUDIO 12 SC BOX	9.5 x 78 x 49 cm 17 x 95 x 58 cm
WEIGHT	13 Kg
CODE	003_1272
DIMENSIONS (HxWxD) FLIGHT CASE	15 x 83 x 60 cm
WEIGHT	11 Kg
CODE	006_1739

CONTROL PANNEL

- 2 presets + memory registers on 3 independent rows of 12 faders
- 12 programmable light chases (max 12 steps)
- 12 pages of memory registers

FEATURES

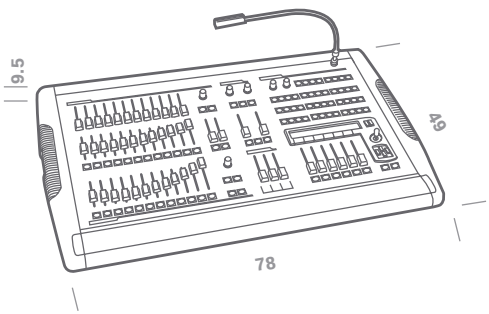
- Chases easily stored in memories
- Independent adjustment of crossfade time between presets
- Possibility of storing data and memories on PC
- 144 scene memories
- Programs available for scanners and moving head fixtures resident in memory and directly useable
- Link function for updating the memories
- Universal controller for 12 DMX units (scanners, colourchangers or dimmers) using up to a maximum of 36 channels
- 12 scene programs reserved for each fixture

OUTPUT

- 512 channels, of which 12 with double preset, reserved for dimmer channels (24 single preset channels)

CONNECTIONS

- DMX in/out connector, SMPTE socket for sync of memory register changes
- Audio input and built-in microphone for music sync functions
- MIDI in/thru/out sockets
- Jack socket for up/down pedal control of memory register changes
- XLR socket for service light (12V 3W)
- Universal AL4 switching power supply included



STUDIO 12 SCAN CONTROL is a reliable user-friendly lighting console, able to control 12 or 24 channels of dimmable fixtures, and 12 ‘intelligent’ units using up to 36 DMX channels each.
Besides all the common functions of the Studio range **STUDIO 12 SCAN CONTROL** includes:
DMX unit controls per controlling moving head fixtures, scanners, colour-changers, dimmers, and any other equipment using DMX 512 protocol.
STUDIO 12 SCAN CONTROL is an extremely versatile lighting control console, ideal for a vast range of applications: from concerts to theatres, from clubs to television studios, from small to large show events.

PILOT 2000

DIMENSIONS (HxWxD) **PILOT 2000**	**7.5 x 48.2 x 22.2 cm**
BOX	**17 x 53 x 33 cm**
WEIGHT	**3.8 Kg**
CODE	**020_2356**
DIMENSIONS (HxWxD) **FLIGHT CASE**	**15 x 54 x 32 cm**
WEIGHT	**6 Kg**
CODE	**006_1742**

CONTROL PANNEL

_ 40 programs to control intelligent units with 40 steps each
_ 40 chase for a sequential control of dimmers with 40 steps each
_ 40 psycho to control dimmers music intensity
_ 40 preset (light scenes)

FEATURES

_ Universal DMX controller for 40 units with a maximum of 36 channels each
_ Constant monitoring of output parameters, thanks to the large rear-lit display
_ Using the scroll function, operators can control blocks of 6 channels at a time
_ Thanks to the (editable) on-board libraries, it is possible to assign functions to the faders at will: physical and soft channels are independent
_ The section dedicated to automated fixtures (scanners or moving head units) has a dual coordinate system: absolute and relative
_ Pilot 2000 is a standard 19" rack-mounting unit (5 units), but can also be used as a table-top console, thanks to the shape of its chassis. Possibility of storing data and memories on PC

OUTPUT

_ 512 DMX channels to control, 192 channels for dimmers and 40 channels for intelligent units

HARDWARE

_ 6 sliders for free programming
_ 19 buttons for direct access to playback and programming functions
_ 20 buttons for direct access to playback registers
_ Gran Master slider + DBO button
_ Joystick to control PAN and TILT with locks and fine buttons
_ Built in microphone

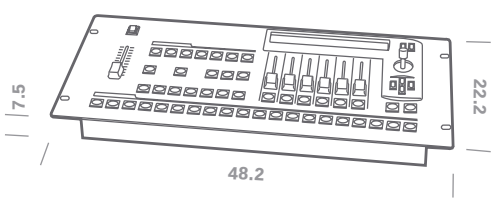
MONITOR

_LCD Display

CONNECTIONS

_ DMX in/out connector, SMPTE socket for sync of memory change independent adjustment of crossfade time between presets or scenes
_ Audio input and built-in microphone for music sync functions
_ MIDI in/thru/out sockets
_ Jack socket for up/down pedal control of memory changes
_ Auxiliary AL4 power supply included

PILOT 2000 is a universal DMX controller able to control up to 20 'intelligent' units (moving head fixtures, scanners, colour-changers, dimmers, etc.) with a maximum of 36 channels each, for a total of 512 DMX channels.
PILOT 2000 is mounted in a 4-unit rack module, which enables installation or handy desktop use. Resident software (including personalities, programs, etc.) can be uploaded/downloaded and saved via RS232.
PILOT 2000 is an extremely versatile controller, suited to a vast range of applications: from concerts to theatres, from clubs to television studios, from small to large show events.



PILOT 3000

DIMENSIONS (HxWxD) PILOT 3000 BOX	13.5 x 50.3 x 35.8 cm 22 x 56 x 46 cm
WEIGHT	4 Kg
CODE	020_2355
DIMENSIONS (HxWxD) FLIGHT CASE	19 x 55 x 45 cm
WEIGHT	8 Kg
CODE	006_1780

CONTROL PANNEL

_ Powerful GUI for easy programming and control of a maximum of 40 Cue-lists, each with a maximum of 999 Cues
_ Rapid access to all functions by means of a touch screen monitor with 320X240 resolution. 6 completely configurable scene control faders.

FEATURES

_ 1024 Channels on 2 independent DMX 512 lines for the control of either automated fixtures or dimmers
_ Playback of a max of 20 cue-lists simultaneously. Advanced shape engine.
_ Updateable personality library.
_ 6 families of Palettes for rapid control of the automated fixtures' functions
_ Cues: max 999 for each playback register
_ Maximum number of cues storable per show: 6000
_ 64 MB outboard memory on compact flash card

OUTPUT

_ 1024 freely configurable DMX channels for any number of dimmer channels and/or automated fixtures

HARDWARE

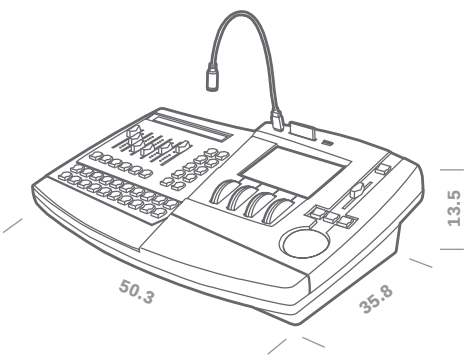
_ 6 freely programmable faders
_ 10 keys for direct access to playback and programming functions
_ 20 keys for direct access to playback registers
_ 4 encoder wheels for controlling attributes during programming and control of effects during playback
_ Grand Master fader + DBO key. Jog Ball for PAN and TILT control with 'locks' and 'fine' buttons
_ Built-in microphone
_ 2 flexible USB LED lights
_ Universal 85-265 Volt onboard switching power supply

MONITOR

_ 5.7" colour TFT Touch Screen Display for a powerful intuitive GUI
_ Rear-lit 80-digit (2 lines of 40) LCD screen for the display of fader configuration

CONNECTIONS

_ 2 DMX Out, 1 DMX In, Aux In, SMPTE in, Midi In/ Out/Thru, Audio In, USB,
_ Two USB to light sockets, Connector for Compact Flash drive



Il **PILOT 3000** is a sophisticated DMX controller ideal for controlling large and small lighting systems.
PILOT 3000 can control up to 1024 DMX channels via two independent DMX outputs. Using the **PILOT 3000** is simplified by the logical layout of its controls and the use of sophisticated facilities, including: Colour TFT touch screen for direct access to the functions displayed; 4 encoder wheels for controlling the parameters of the Palettes during editing, programming or for assigning values in the program's various screens; Jog Ball for Pan/Tilt. The on-board software and comprehensive connectors enable major communication protocols (DMX 512, MIDI, SMPTE) to be handled **PILOT 3000** is connected to PCs via a USB port.

VIÑA DEL MAR 2008

SGM dealer _ **Pat Henry Iluminacion S.A. DE C.V.**
Photo by _ **S. Barbieri**
SGM equipment _ **RIBALTA**
_ **PALCO 3**
_ **PALCO 3 MOBILE**
_ **GIOTTO SPOT 400 CMY**
_ **GIOTTO SPOT/WASH 400**
_ **GIOTTO SPOT WASH 1200**
_ **GALILEO IV**
_ **GIOTTO SPOT WASH 1200**
_ **REGIA LIVE**
_ **REGIA OPERA**

_ POWERLIGHT 1212D
_ POWERLIGHT 625D
_ POWERLIGHT 612D

POWERLIGHT 1212D

DIMENSIONS (HxWxD)	
POWERLIGHT	**13.3 x 44.2 x 40 cm**
BOX	**22 x 72 x 55 cm**
WEIGHT	**18 Kg**
CODE	
with connector ILME 16 (1)	**020_2463**
with connector CABUR (2)	**020_2457**
with connector SOCAPEX (3)	**020_2459**

FEATURES

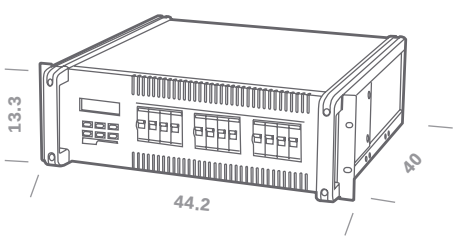
_ Powerlight 1212D is a digital 12-channel (12A) dimmer mounted in a sturdy (3 rack unit) metal case.
_ All controls and regulations are accessible via the buttons mounted on the front panel, and can be monitored on the built-in display
_ The on-board microcomputer controls a complete series of functions (soft patch, channel mode, channel level, pre heat, equalization curve, etc.)
_ Powerlight 1212D was designed paying close attention to reliability and uses avant-garde technical solutions, including built-in self-diagnosis, forced ventilation with air flow varying according to the temperature, output protection with thermal magnetic circuit breaker on each channel
_ Powerlight 1212D can also be used without an external controller: in fact, it's possible to create 4 different chases with a maximum of 32 steps for each.
_ The on-board software can be updated via RS-232
_ Powerlight 1212D is available with 3 different connector panels: **Ilme 16, Cabur e Socapex.**

1.

2.

3.

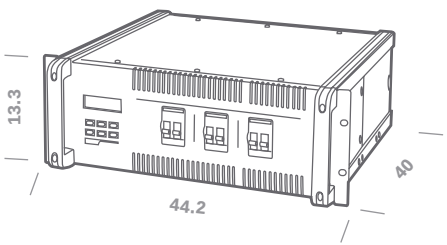
POWERLIGHT 1212D is a 12-channel digital dimmer (12A), mounted in a sturdy metal 3U rack container. All the controls and settings are accessible by means of the buttons on the front panel and can be monitored on the built-in display. The on-board microcomputer controls a comprehensive series of functions (soft patch, channel mode, channel level, pre-heat, equalization curves, etc.). **POWERLIGHT 1212D** can also be used without an external controller: in fact, it's possible to program 4 different chases with a maximum of 32 steps each. On-board software can be upgraded via RS-232. **POWERLIGHT 1212D** is available with a choice of 3 different connector panels: Ilme 16, Cabur and Socapex.



POWERLIGHT 625D

FEATURES

_ Powerlight 625D is a 6-channel (25A) digital dimmer, mounted in a sturdy (3 rack unit) metal case.
_ All controls and regulations are accessible via the buttons mounted on the front panel, and can be monitored on the built-in display.
_ The on-board microcomputer controls a complete series of functions (soft patch, channel mode, channel level, pre heat, equalization curve, etc.).
_ Powerlight 625D was designed paying close attention to reliability and uses avant-garde technical solutions, including built-in self-diagnosis, forced ventilation with air-flow varying according to the temperature, output protection with thermal magnetic circuit-breaker on each channel.
_ Powerlight 625D can also be used without an external controller: in fact, it's possible to create 4 different chases with a maximum of 32 steps each.



_ The on-board software can be updated via RS-232.
_ Powerlight 625D is available with 2 different connector panels: **Cabur and Socapex.**

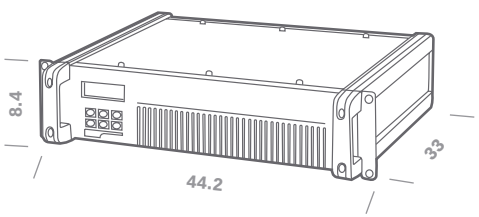
13.3 x 44.2 x 40 cm 22 x 72 x 55 cm	**DIMENSIONS** (HxWxD) **POWERLIGHT BOX**
21 Kg	**WEIGHT**
020_2462	**CODE** with connector CABUR (1)
020_2461	with connector SOCAPEX (2)

POWERLIGHT 625D is a 6-channel digital dimmer (25A), mounted in a sturdy metal 3U rack container. The on-board microcomputer controls a comprehensive series of functions (soft patch, channel mode, channel level, pre-heat, equalization curves, etc.).

POWERLIGHT 612D

FEATURES

_ 6-channel (25A) digital dimmer.
_ The dimmer accepts DMX 512 or RS-232 signals .
_ Output panels available: Socapex connectors, Cabur terminal strips, Ilme 16 (must be requested when ordering).
_ Programmable voltage and current limit for each channel.
_ 8 built-in programmable chases.
_ Patching functions for each channel.
_ Forced ventilation cooling.
_ Can be used with a power supply of from 110 to 220V single phase, or 380V 3-phase 50/60Hz.
_ Self-powered Logic.
_ 19" rack frame - 2 units high.



_ 4 levels of protection (temperature, short-circuit, over-voltage, incorrect connections)
_ Constant on-board self-diagnosis with warning of any faults.
_ Powerlight 612D is available with 3 different connector panels: **Ilme 16, Cabur and Socapex.**

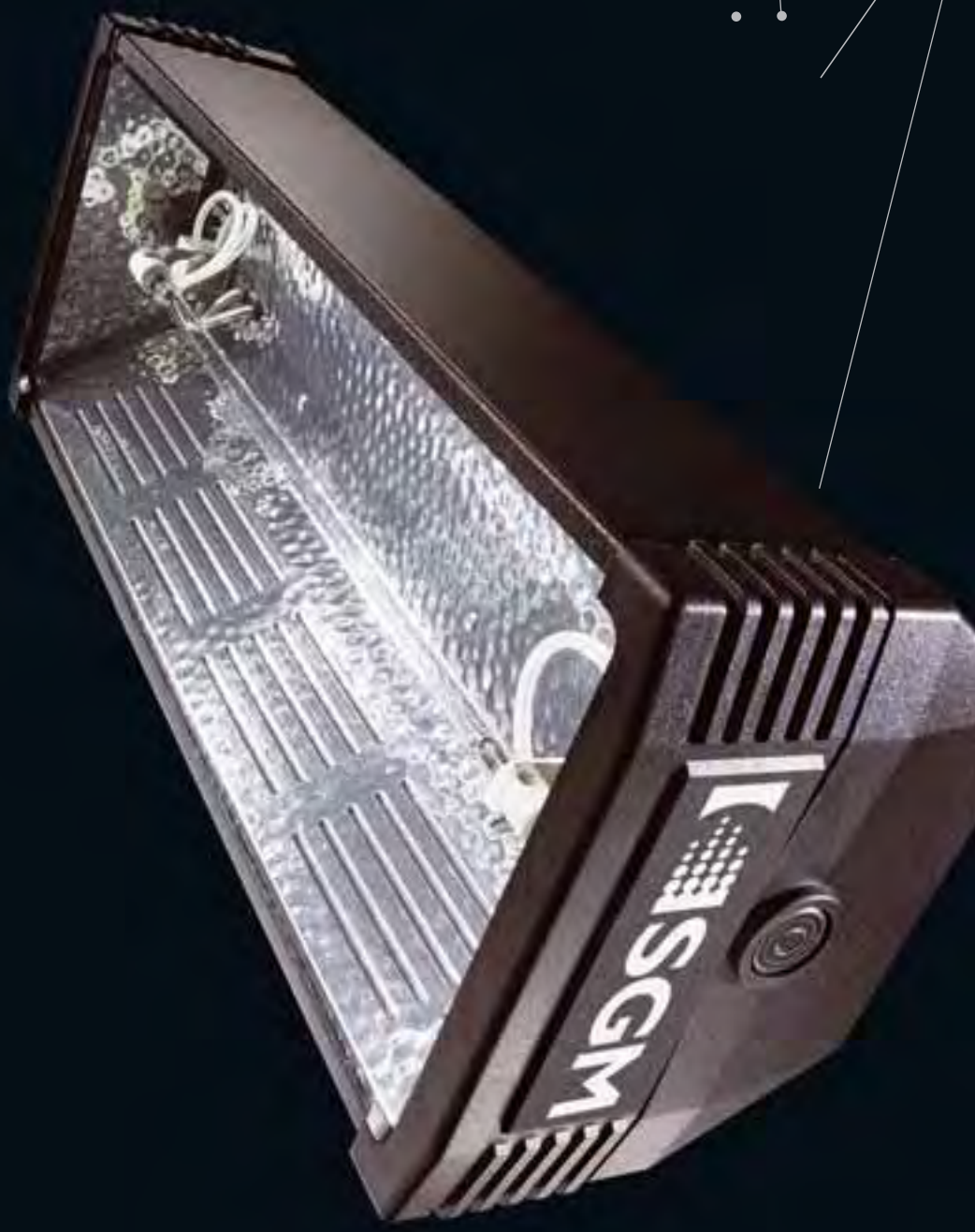
8.4 x 44.2 x 33 cm 16 x 52 x 48 cm	**DIMENSIONS** (HxWxD) **POWERLIGHT BOX**
6 Kg	**WEIGHT**
020_2455	**CODE** with connector ILME 16 (1)
020_2454	with connector CABUR (2)
020_2456	with connector SOCAPEX (3)

POWERLIGHT 612D is a 6-channel digital dimmer (12A), mounted in a sturdy metal 2U rack container.
All the controls and settings are accessible by means of the buttons on the front panel and can be monitored on the built-in display.

COLDPLAY TWISTED LOGIC TOUR

SGM dealer _ **Lightfactor Sales**
Lighting designer _ **B. Leitch, N. Whitehouse**
Photo by _ **Lightfactor Sales**
SGM equipment _ **GIOTTO SPOT 400 CMY**

_ FLASHER DMX 1.5
_ VARISMOKE II DMX



FLASHER DMX 1.5

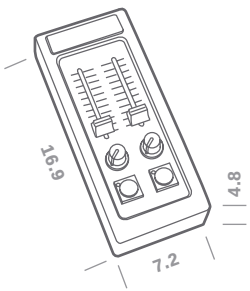
DIMENSIONS (HxWxD) **FLASHER BOX**	**20 x 22 x 50 cm** **25 x 25 x 57 cm**
WEIGHT	**6 Kg**
CODE	**005_1162**
DIMENSIONS SMART CONTROL (HxWxD)	**4.8 x 16.9 x 7.2 cm**
WEIGHT	**450 gr**
CODE	**005_1167**

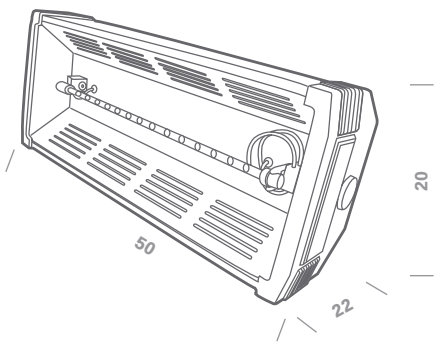
FLASHER DMX 1.5

_ Flash rate from 0 to 50 flashes per second (continuous light)
_ Dimmer adjustable from 0 to 100%
_ Single flash at maximum power
_ The universal power supply and automatic power factor correction system enable the unit to be used anywhere, and the DMX control (which only uses 2 channels) allow it to be run by any controller
_ Its on-board computer constantly monitors fixture status and warns of any faulty operation
_ Flasher is remarkably powerful: approximately 3 times that of a fixture of the same class

SMART CONTROL

_ 2 DMX channels
_ Automatic or manual operation
_ 2 faders (level)
_ 2 potentiometers (interval, duration)
_ 2 buttons (Out On/Off, Auto/manual)





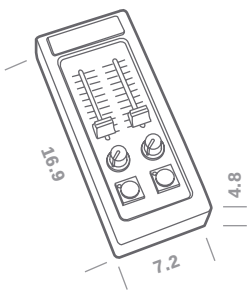
FLASHER DMX 1.5 is a professional strobe light fitted with a 1,500W xenon lamp with an exceptional luminous output.
Fitted in a sturdy metal case with an epoxy powder finish, **FLASHER DMX 1.5** is built according to CE norms and submitted to very strict tests that ensure its reliability even in the most extreme conditions.
The optional DMX remote controller **Smart Control** enables a series of functions to be controlled.

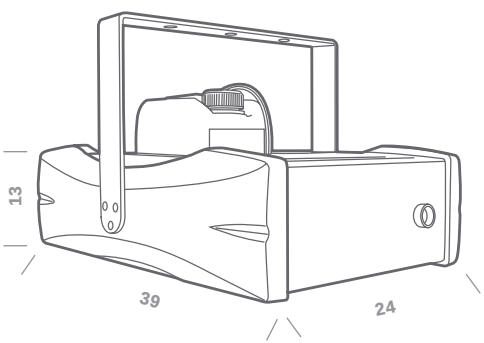
VARISMOKE II DMX

DIMENSIONS (HxWxD) **VARISMOKE BOX**	**13 x 39 x 24 cm** **28 x 50 x 40 cm**
WEIGHT	**9 Kg**
CODE	**050_5317**
DIMENSIONS SMART CONTROL (HxWxD)	**4.8 x 16.9 x 7.2 cm**
WEIGHT	**450 gr**
CODE	**005_1167**

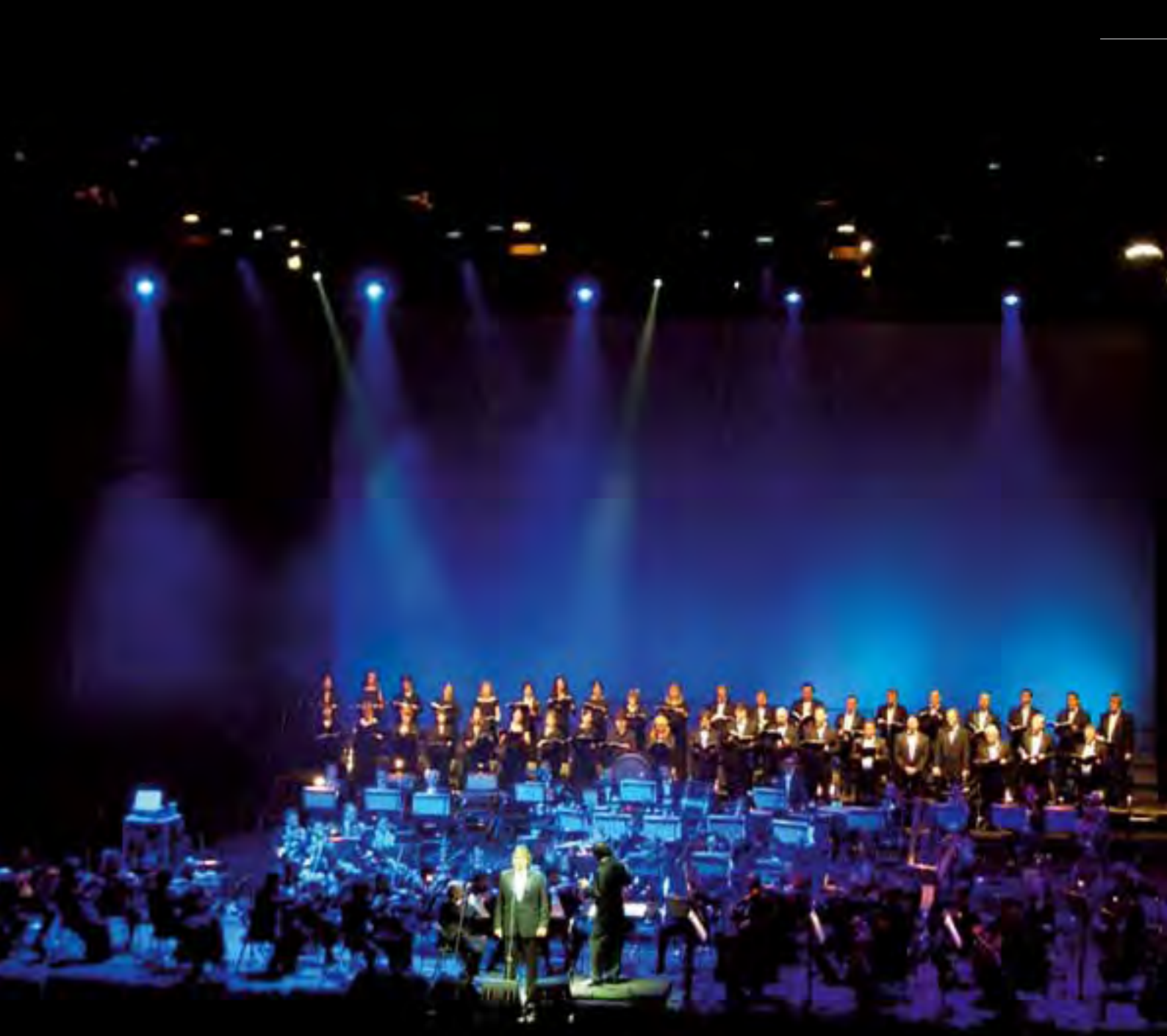
VARISMOKE II DMX
_ Very high-powered smoke machine
_ Electronic output control with luminous monitoring of the main functions
_ DMX 512 input signal. Power requirements 220V AC, 50/60Hz (10A).

SMART CONTROL
_ 2 DMX channels
_ Automatic or manual operation
_ 2 faders (level)
_ 2 potentiometers (interval, duration)
_ 2 buttons (Out On/Off, Auto/manual)





VARISMOKE II DMX is a high-power smoke machine, ideal for creating suggestive atmospheres and for giving projected light more “body” and visibility.
VARISMOKE II DMX is built with highly resistant materials that ensure great reliability, even in the most demanding applications, as well as very low maintenance.
The optional DMX remote controller **Smart Control** enables a series of functions to be controlled.



ANDREA BOCELLI

SGM dealer	_ **Soundcity**
Lighting designer	_ **A. Visentin**
Photo by	_ **A. Visentin**
SGM equipment	_ **REGIA 2048 LIVE**
	_ **REGIA 2048 PRO**
	_ **PALCO 3**

For cutting edge effects when sculpting light beams and whenever lighting is a key component in set design, SGM puts a wide range of GOBO and ANIMATION WHEELS at users' disposal.
GOBOS and ANIMATION WHEELS are the most practical modern means for shaping light beams and creating images with light. They offer Lighting Designers a wonderful tool with which to highlight their creativity when programming exclusive sets, looks and installations with remarkable visual impact.

GOBO

_ Gobo systems provide an extraordinary range of graphic effects which can be even further enlarged by mixing and superimposing two gobos simultaneously.
_ Almost any image can be reproduced on gobos nowadays, from simple geometric line art to colour designs and High Definition images.
_ SGM's wide library of images includes three different types of gobo: **METAL, DICHRO AND GLASS GOBO.**

ANIMATION WHEELS

_ Animation wheels, made in special steel, let you shape the light beam projecting a series of eye-catching patterns (flames, clouds, bubbles, and other shapes).

_ For further information please refer to SGM catalogue High quality Gobos and Animation Wheels.

SCOUTING FOR GIRL TOUR

SGM dealer	_ **Lightfactor Sales**
Lighting designer	_ **Jon Barker**
Photo by	_ **Stephen Moles**
SGM equipment	_ **GIOTTO SPOT 400 CMY**
	_ **GIOTTO WASH 400**
	_ **PALCO 3 MOBILE**

_ PALCO 3
_ PALCO 3 MOBILE
_ PALCO 5
_ GENIO
_ GENIO MOBILE
_ RIBALTA

EST-LDI AWARD 2004 Las Vegas USA	_ PALCO 3 won as “Lighting Architecture Product of The Year”	STAR AWARD FOR NAB 2006 Las Vegas USA	_ PALCO 3 WHITE LED won as “Ultra-High Power White LED Fixture”
IF DESIGN AWARD 2006 Hannover Germany	_ PALCO 3 got to the finals on the field “Product design”	DESIGNPREIS 2007 Berlin Germany	_ PALCO 3 is nominated on the field “Product design”

PALCO 3

DIMENSIONS (HxWxD)	
PALCO 3	**42.5 x 37.5 x 22.9 cm**
BOX	**48 x 35 x 57 cm**
WEIGHT	**13.5 Kg**

CODE	**RGB:**	**WHITE LED:**
_ 8° lens	**020_2480**	**020_2922**
_ 25° lens	**020_2431**	**020_2924**
_ 40° lens	**020_2432**	**020_2926**
_ elliptical 10°x22° vertical lens	**020_2433**	**020_2928**
_ elliptical 10°x22° horizontal lens	**020_2489**	**020_2930**

RGB SOURCE
- _ 7 Luxeon Blue LEDs - 3W
- _ 18 Luxeon Green LEDs - 3W
- _ 24 Luxeon Red LEDs - 1W
- _ Luminous flux 2.800 Lumens
- _ Colour temperature: 6.000 °K (variable)
- _ Consumption 150W
- _ LEDs life (hours) 100.000 at maximum power

WHITE LED SOURCE
- _ 24 Luxeon Amber LEDs - 3W
- _ 25 P4 Seoul White LEDs - 4W
- _ Luminous flux 3.800 Lumens
- _ Colour temperature: 2.000 - 6.700 °K (variable)
- _ Consumption 180W
- _ LEDs life (hours) 100.000 at maximum power

INTERCHANGEABLE LENSES
- _ 8° LENS
- _ 25° LENS
- _ 40° LENS
- _ ELLIPTICAL 10° x 22° VERTICAL LENS
- _ ELLIPTICAL 10° x 22° HORIZONTAL LENS

PAN / TILT
- _ Pan +/- 45°
- _ Tilt +15°, - 75°

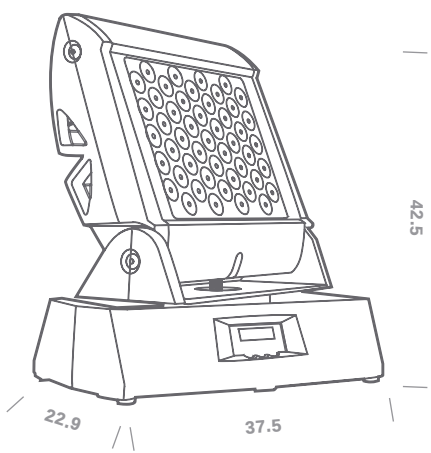
POWER SUPPLY FULL RANGE
- _ AC 90-270V, 50-60Hz

DMX CHANNELS
- _ 8 DMX channels

SET UP
- _ LED display 3 buttons
- _ Internal microcomputer with large function menu
- _ Software updatable via DMX

INSULATION DEGREE
- _ IP65

PALCO 3 is groundbreaking colour-changing projector for indoor and outdoor applications, it has an exclusive design, extremely compact lines and is protected to IP 65. Its diffused luminous light beam makes it ideal for installation in a wide range of applications: urban sites, monuments, museum, shopping centres, etc.
PALCO 3 units have become a standard in the most important **produzioni live, theatre and television applications**, thanks to their luminous power and silent operation. Produced for the most exigent performer, **PALCO 3** is a really stylish product defined by an exclusive design.



PALCO 3 MOBILE

DIMENSIONS (HxWxD) **PALCO 3 MOBILE**	**48.5 x 37.5 x 22.9 cm**
BOX	**48 x 35 x 63 cm**
WEIGHT	**15.5 Kg**

RGB:	**WHITE LED:**	**CODE**
020_2750	**020_2751**	_ 8° lens
020_2752	**020_2753**	_ 25° lens
020_2754	**020_2755**	_ 40° lens
020_2756	**020_2757**	_ elliptical 10°x22° vertical lens
020_2758	**020_2759**	_ elliptical 10°x22° horizontal lens

RGB SOURCE
_ 7 Luxeon Blue LEDs - 3W
_ 18 Luxeon Green LEDs - 3W
_ 24 Luxeon Red LEDs - 1W
_ Luminous flux 2.800 Lumens
_ Colour temperature: 6,000 °K (variable)
_ Consumption: 180W
_ LEDs life: 100.000 hours at maximum power

WHITE LED SOURCE
_ 24 Luxeon Amber LEDs - 3W
_ 25 P4 Seoul White LEDs - 4W
_ Luminous flux 3.800 Lumens
_ Colour temperature: 2.000 - 6.700 °K (variable)
_ Consumption 180W
_ LEDs life (hours) 100.000 at maximum power

INTERCHANGEABLE LENSES
_ 8° LENS
_ 25° LENS
_ 40° LENS
_ ELLIPTICAL 10° x 22° VERTICAL LENS
_ ELLIPTICAL 10° x 22° HORIZONTAL LENS

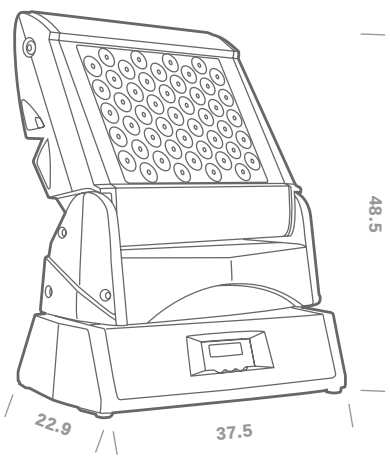
PAN / TILT
_ Pan 0° - 305°
_ Tilt 0° - 93°
_ Motorized Pan and Tilt
_ Movement controlled via a dedicated IR control unit or DMX

POWER SUPPLY FULL RANGE
_ AC 90-270V, 50-60Hz

DMX CHANNELS
_ 13 DMX channels

SET UP
_ LED display 3 buttons
_ Internal microcomputer with large function menu
_ Software updatable via DMX

INSULATION DEGREE
_ IP33



PALCO 3 MOBILE includes all the features of PALCO: silent operation, efficient consumption, high colour rendering, exclusive design and extremely compact lines - plus the possibility of being positioned as required, thanks to its pan and tilt movement. **PALCO 3 MOBILE** is fitted with absolute encoders, so when reset doesn't run any repositioning procedure: it goes immediately to the required position. If accidentally moved, it restores the position and when switched off, a special mechanism enables to block the motor in the current position.
Silent operation is guaranteed. **PALCO 3 MOBILE**'s qualities make it the right choice for replacing halogen colourchangers with pan and tilt movement in all television and theatre applications.

PALCO 5

DIMENSIONS (HxWxD) **PALCO 5**	**42.5 x 37.5 x 22.9 cm**
BOX	**48 x 35 x 57 cm**
WEIGHT	**13.5 Kg**

CODE	**RGB:**	**WHITE LED:**
_ 8° lens	**020_2426**	**020_2444**
_ 25° lens	**020_2428**	**020_2443**
_ 40° lens	**020_2429**	**020_2446**
_ elliptical 10°x22° vertical lens	**020_2427**	**020_2447**
_ elliptical 10°x22° horizontal lens	**020_2430**	**020_2448**

RGB SOURCE

_ 12 K2 Blue LEDs - 4,5W
_ 24 K2 Green LEDs - 4,5W
_ 13 K2 Red LEDs - 4,5W
_ Luminous flux 4.500 Lumens
_ Colour temperature: 6.500 °K (variable)
_ Consumption: 250W
_ LEDs life: 50.000 hours at maximum power

WHITE LED SOURCE

_ 13 K2 Amber LEDs - 3W
_ 36 K2 White LEDs - 4,5W
_ Luminous flux 6.500 Lumens
_ Colour temperature: 2.000 - 6.700 °K (variable)
_ Consumption: 250W
_ LEDs life: 50.000 hours at maximum power

INTERCHANGEABLE LENSES

_ 8° LENS
_ 25° LENS
_ 40° LENS
_ ELLIPTICAL 10° x 22° VERTICAL LENS
_ ELLIPTICAL 10° x 22° HORIZONTAL LENS

PAN / TILT

_ Pan +/- 45°
_ Tilt +15°, - 75°

POWER SUPPLY FULL RANGE

_ AC 90-270V, 50-60Hz

DMX CHANNELS

_ 8 DMX channels

INPUT

_ Opto-isolated DMX input signal
_ Wireless DMX interface as standard
_ Outdoor antenna and extension cable as standard

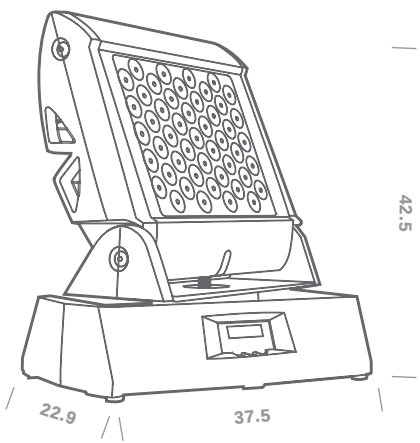
SET UP

_ LED display 3 buttons
_ Internal microcomputer with large function menu
_ Software updatable via DMX

INSULATION DEGREE

_ IP55

PALCO 5 has been fitted with a new very powerful LED model (the k 2), thanks to which, compared to the other SGM LED LINE models, it is able to ensure remarkable luminosity with decidedly limited energy consumption. **PALCO 5** is, therefore, an extremely specific fixture, when it's necessary to illuminate large walls or cover longer distances. In matters of optics, it offers the same choice of interchangeable lenses as PALCO 3, which easily adapt to the various types of surfaces or objects to illuminate. Its high power, silent operation and protection to IP55 make **PALCO 5** the ideal fixtures for lighting interiors (museums, art galleries, libraries, television studios, etc.) and above all for outdoor applications (architectural lighting in urban locations, monuments, buildings, etc.).



RIBALTA

DIMENSIONS (HxWxD) **RIBALTA**	**31 x 97 x 22.9 cm**
BOX	**110 x 42 x 42 cm**
WEIGHT	**16 Kg**

RGB:	WHITE LED:	CODE
020_2712	020_2716	_ 8° asymmetric lens
020_2700	020_2715	_ 30° asymmetric lens
020_2714	020_2717	_ elliptical 10° x 90° lens

RGB SOURCE
_ 30 Luxeon Blue LEDs - 1W
_ 30 Luxeon Green LEDs - 3W
_ 30 Luxeon Red LEDs - 1W
_ Luminous flux 3.500 Lumens
_ Colour temperature: 6.500 °K (variable)
_ Consumption: 180W
_ LEDs life: 100.000 hours at maximum power

WHITE LED SOURCE
_ 30 Luxeon Amber LEDs - 1W
_ 60 Luxeon White LEDs - 3W
_ Luminous flux 4.200 Lumens
_ Colour temperature: 2.000 - 6.700 °K (variable)
_ Consumption: 180W
_ LEDs life: 100.000 hours at maximum power

INTERCHANGEABLE LENSES
_ ASYMMETRIC 8°
_ ASYMMETRIC 30°
_ ELLIPTICAL 10 °x 90°

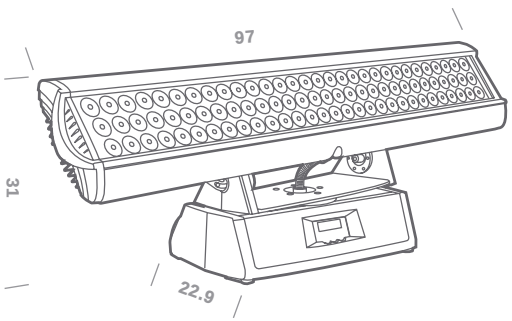
PAN / TILT
_ Pan +/- 45°
_ Tilt +15°, - 75°

POWER SUPPLY FULL RANGE
_ AC 90-270V, 50-60Hz

DMX CHANNELS
_ 8 DMX channels

SET UP
_ LED display 3 buttons
_ Internal microcomputer with large function menu
_ Software updatable via DMX

INSULATION DEGREE
_ IP65



RIBALTA, a technically avant-garde colour-changing projector which, thanks to its 90 Luxeon LEDs, enables to colour large areas, such as walls, theatre and television backdrops, and architectural elements in general with its light beams.
Thanks to its particular shape and special asymmetric lenses, it can be rapidly and easily installed alongside the areas to be illuminated.
The interchangeable lenses are: asymmetric 8°; asymmetric 30°; eliptical 10° x 90°.
Top colour efficiency: the red's intensity for example is the same as that of a 750W halogen lamp, but consumes less than 100W. A decidedly competitive relationship between low consumption and high colour rendering.
Being protected to IP65 makes it suited to both indoor and outdoor use.

GENIO

DIMENSIONS (HxWxD) **GENIO**	**24 x 24 x 11.8 cm**
BOX	**38 x 30 x 27 cm**
WEIGHT	**4 Kg**

CODE	**RGB:**	**WHITE LED:**	**FULL COLOR:**
	020_2780	**020_2779**	**020_2781**

LENSES CODE	
_ 8° lens	**020_2790**
_ 25° lens	**020_2792**
_ 40° lens	**020_2794**
_ elliptical 10° x 90° lens	**020_2793**

RGB SOURCE
_ 4 K2 Blue LEDs - 4,5W
_ 8 K2 Green LEDs - 4,5W
_ 4 K2 Red LEDs - 3W
_ Luminous flux 1.500 Lumens
_ Colour temperature: 6.000 °K (variable)
_ Consumption: 70W
_ LEDs life: 100.000 hours at maximum power

WHITE LED SOURCE
_ 4 K2 Amber LEDs - 3W
_ 12 P4 SEOUL White LEDs - 4,5W
_ Luminous flux 1.800 Lumens
_ Colour temperature: 2.000 - 6.700 °K (variable)
_ Consumption: 70W
_ LEDs life: 100.000 hours at maximum power

FULL COLOR SOURCE
_ 16 SEOUL P5II Full Color
_ Luminous flux 1.600 Lumens
_ Colour temperature: 6.000 °K (variable)
_ Consumption: 75W
_ LEDs life: 100.000 hours at maximum power

INTERCHANGEABLE LENSES
_ 8° LENS
_ 25° LENS
_ 40° LENS
_ 10° X 90° LENS
_ no Lenses included

PAN / TILT
_ Pan +/- 135°
_ Tilt +/- 135°

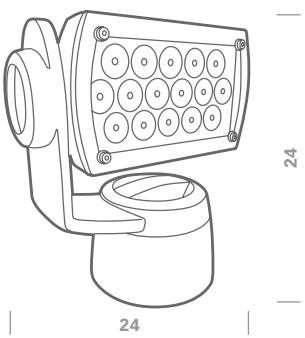
POWER SUPPLY FULL RANGE
_ AC 90-270V, 50-60Hz

DMX CHANNELS
_ 8 DMX channels
RDM protocol (for internal functions setting)

SET UP
_ Via RDM
_ Internal microcomputer
_ Software updatable via DMX

INSULATION DEGREE
_ IP65

GENIO is an extremely reliable high-tech colour-changing fixture able to ensure even, perfectly controllable wash lighting, generated by 16 high-power Luxeon LEDs. Thanks to its compact low-impact dimensions, **GENIO** is excellent for dynamic interior lighting for commercial applications such shops, hotels, bars and restaurants, as well as art galleries and meeting rooms. Its protection to IP65 also enables it to be used for outdoor architectural illumination, such as urban sites, monuments, fountains and cruise liners. **GENIO** can be remote controlled via a dedicated IR control unit.



GENIO MOBILE

24 x 26 x 30 cm **38 x 30 x 27 cm**	**DIMENSIONS** (HxWxD) **GENIO MOBILE** **BOX**
6.5 Kg	**WEIGHT**
RGB: **020_2780** **WHITE LED:** **020_2779**	**CODE**
020_2790 **020_2792** **020_2794**	**LENSES CODE** _ 8° lens _ 25° lens _ 40° lens

RGB SOURCE
_ 4 K2 Blue LEDs - 4,5W
_ 8 K2 Green LEDs - 4,5W
_ 4 K2 Red LEDs - 3W
_ Luminous flux 1.500 Lumens
_ Colour temperature: 6.000 °K (variable)
_ Consumption: 70W
_ LEDs life: 100.000 hours at maximum power

WHITE LED SOURCE
_ 4 K2 Amber LEDs - 3W
_ 12 P4 SEOUL White LEDs - 4,5W
_ Luminous flux 1.800 Lumens
_ Colour temperature: 2.000 - 6.700 °K (variable)
_ Consumption: 70W
_ LEDs life: 100.000 hours at maximum power

INTERCHANGEABLE LENSES
_ 8° LENS (included)
_ 25° LENS (standard)
_ 40° LENS
_ no Lenses included

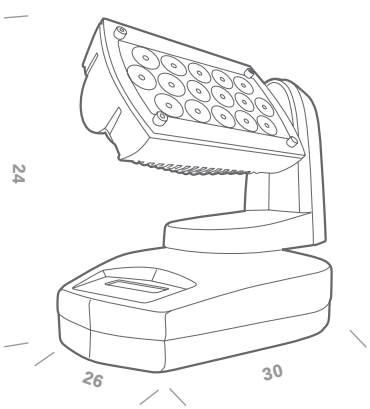
PAN / TILT
_ Pan 540°
_ Tilt 270°
_ Motorized Pan and Tilt
_ Movement controlled via a dedicated IR control unit or DMX

POWER SUPPLY FULL RANGE
_ AC 90-270V, 50-60Hz

DMX CHANNELS
_ 13 DMX channels

SET UP
_ LCD display 3 buttons
_ Internal microcomputer with large function menu
_ Software updatable via DMX

INSULATION DEGREE
_ IP65



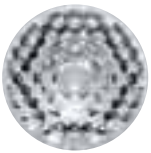
GENIO MOBILE is a compact, stylish colour-changing projector that uses new LED technology. 16 high-power Luxenon LEDs enable it to generate a diffused even light beam, combined with silent movement, as is the tradition with SGM.
GENIO MOBILE is totally silent; the fixture is convection-cooled by means of its rear finning, and an electronic self-regulating internal temperature system ensures continuous operation. GENIO was designed and built for the countless situations in which design, agility and compact dimensions are required. Applications range: from sales outlets to art galleries and from television studios to theatres. **GENIO MOBILE** is suited to indoor and outdoor installation, as it's protected to IP65.

INTERCHANGEABLE LENSES

PALCO 3
PALCO 3 MOBILE
PALCO 5

LENSES FOR:	PALCO 3 PALCO 3 MOBILE PALCO 5
CODE	
_8° lens	020_2434
_25° lens	020_2435
_40° lens	020_2436
_elliptical 10° x 22° vertical lens	020_2490
_elliptical 10° x 22° horizontal lens	020_2437

8° lenses
Has suitable characteristics for lighting from **a distance.** Possible application include theatrical shows, thanks to the possibility of creating **angled lighting** suited to the context.



25° lenses
Has suitable characteristics for lighting from a **medium distance.** Lights objects and illuminates **backdrops** in a diffused even manner.

40° lenses
Has suitable characteristics for lighting from a **short distance**. Perfect for highlighting large surfaces, such as installations on **facades** and monuments.

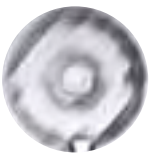
10° x 22° vertical elliptical lenses
Has the ideal characteristics for lighting **any vertical surface**. The most suitable for picking out columns, stage wings, advertising billboards and so on.

10° x 22° horizontal elliptical lenses
Has the ideal characteristics for lighting **any horizontal surface**. For highlighting floors, water surfaces, lawns and so on.

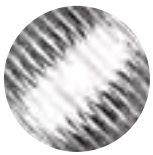
RIBALTA

LENSES FOR:	RIBALTA
CODE	
_8° asymmetric lens	020_2744
_30° asymmetric lens	020_2732
_elliptical 10° x 90° lens	020_2746

8° asymmetric lenses
Ideal for illuminating **large high surfaces**, such as those that can be found in the context of **urban locations**. Installing the fixture up against the surface to be illuminated forms narrow, very high light beams.



30° asymmetric lenses
Particularly suited to use on **stage wings** and **backdrops**, for television and theatrical shows.

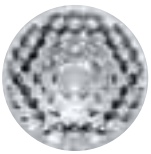


10° x 90° elliptical lenses
Its aperture enables to cover **wide backdrops** with excellent luminosity and even projection. Perfect for **television and theatrical shows**, ideal for replacing old cycs. Also has the ideal characteristics for all kinds of **artistic architectural illumination**.

GENIO

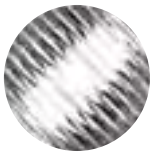
LENSES FOR:	GENIO
CODE	
_8° lens	020_2790
_25° lens	020_2792
_40° lens	020_2794
_elliptical	020_2793

8° lenses
Has suitable characteristics for lighting from **a distance.** Possible application include theatrical shows, thanks to the possibility of creating **angled lighting** suited to the context.



25° lenses
Has suitable characteristics for lighting from a **medium distance.** Lights objects and illuminates **backdrops** in a diffused even manner.

40° lenses
Has suitable characteristics for lighting from a **short distance**. Perfect for highlighting large surfaces, such as installations on **facades** and monuments.



10° x 90° elliptical lenses
Its aperture enables to cover **wide backdrops** with excellent luminosity and even projection. Perfect for **television and theatrical shows**, ideal for replacing old cycs. Also has the ideal characteristics for all kinds of **artistic architectural illumination**.

ACCESSORIES

LED LINE CONTROL
PALCO 3
PALCO 5
PALCO 3 MOBILE
GENIO MOBILE
RIBALTA

_ IR remote control unit for all the colour changing projectors in the LED Line.
_ On / Off.
_ Adjustment of (RGB) colour mixing.
_ Control of Macros, Programs, colour combinations (20 presets).
_ Control and storage of Pan and Tilt (Palco 3 Mobile, Genio Mobile).

005_1171	**CODE**

FLIGHT CASE
PALCO 3
PALCO 5
PALCO 3 MOBILE

_ These sturdy twin or quadruple flight cases were specially designed for transporting and storing Palco 3, Palco 3 White Led, Palco 5, Palco 3 Mobile, LED Line Colour-changing projectors, ensuring total protection against impact.
_ The flight cases are fitted with internal accessory compartments.

	DIMENSIONS (HxWxD)
54 x 76 x 46 cm	DOUBLE PLUS
50 x 60 x 110 cm	QUADRUPLE PLUS
52 x 100 x 57 cm	QUADRUPLE
	WEIGHT
23 Kg	DOUBLE
38 Kg	QUADRUPLE PLUS
35 Kg	QUADRUPLE
	CODE
006_1762	DOUBLE PLUS
006_1721	QUADRUPLE PLUS
006_1854	c
006_1731	set of 4 wheels for single flight case

FLIGHT CASE
RIBALTA

_ These sturdy twin flight cases were specially designed for transporting and storing RIBALTA LED Line Colour-changing projectors, ensuring total protection against impact.
_ The flight cases are fitted with internal accessory compartments.

	DIMENSIONS (HxWxD)
40 x 104 x 56 cm	DOUBLE PLUS
	WEIGHT
31 Kg	DOUBLE PLUS
	CODE
009_0806	DOUBLE PLUS
006_1731	set of 4 wheels for single flight case

FLIGHT CASE
GENIO MOBILE

_ These sturdy quadruple flight cases were specially designed for transporting and storing GENIO MOBILE LED Line Colour-changing projectors, ensuring total protection against impact.
_ The flight cases are fitted with internal accessory compartments.

	DIMENSIONS (HxWxD)
70 x 50 x 35 cm	QUADRUPLE PLUS
	WEIGHT
15 Kg	QUADRUPLE PLUS
	CODE
006_1783	QUADRUPLE PLUS
006_1731	set of 4 wheels for single flight case

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MOULIN À IMAGES

Lighting designer
_ **Martin Gagnon**
_ **Ambiances Lighting and Visual Design**

Photo by
_ **Nicolas Ruel**

SGM equipment
_ **GENIO MOBILE**

SGM PRODUCT GUIDE 2009

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www.sgm.it _ info@sgm.it

SGM LIGHTING GROUP

VIÑA DEL MAR 2009
Photo by _ S. Barbieri

FOR YEARS, SGM HAS BEEN A KEY INTERNATIONAL PLAYER IN THE FIELD OF ENTERTAINMENT LIGHTING DESIGN AND MANUFACTURE.
THIS SUCCESS IS BASED ON A GREAT BUSINESS VOCATION, AN ON-GOING SEARCH FOR INNOVATION AND THE PASSION OF ITS STAFF. THE STRONG POINTS OF SGM'S CORPORATE PHILOSOPHY ARE ITS CONSTANT SEARCH FOR PRODUCT QUALITY, VIA DIRECT MANAGEMENT OF A MANUFACTURING PROCESS THAT USES THE LATEST GENERATION OF MACHINERY AND CONTROL SYSTEMS.ITS CLOSE ATTENTION TO THE NEEDS OF LIGHTING PROFESSIONALS AND TRADE

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