

PLS

Product Guide
2010/II.

We light up your stage™



ABOUT US

PLS Electronics was founded in 1997 to manufacture high-quality disco, theatre and stage equipment originally for the Hungarian market. Our first analog controlled dimmer was built in 1998 and since then we are focusing on making reliable and cost effective dimmer products.

At the end of that year we introduced our first DMX dimmer, in 2000 we produced multi processor

controlled fully digital dimmers. Meanwhile we made our product range complete with power distributors, rack units, DMX Network equipment and with other special products. Since this year we began establishing distribution channels in the European market.

In 2002 the power controller range (dimmers and relay packs) got a registered common family name: Pegasus®.

Pegasus (Peg^oa*sus), *n.* [L., fr. Gr. ?.] **I.** (Gr. Myth.) A winged horse fabled to have sprung from the body of MEDUSA when she was slain. He is noted for causing, with a blow of his hoof, HIPPOCRENE, the inspiring fountain of the MUSES, to spring from MOUNT HELICON. On this account, he is, in modern times, associated with the MUSES, and with ideas of inspiration, design and creation.

We continuously listen to feedback from our customers considering their requests in our research and development (R&D) process. In 2004 we introduced new products such as the new Power-63 distributor series in 2005 our X Series in 2008 the Mini dimmer range, the Power-125 distributors and our famous WM dimmers for architectural applications.

In 2010 all our products got a new front layout design to be more attractive on the market. We made a new version of Rack-24 and started to implement to all dimmer products the new standard, the RDM. Please, take a little time to browse through our product range.

REFERENCES

Our products can be found everywhere, small and large theatres, culture centers, schools, sport arenas, concert tours and discotheques such as:

in Hungarian theatres:

- József Attila Theatre, Budapest
- Voitina Theatre, Debrecen
- Kölcsei Cultural Center Debrecen
- National Theatre, Pécs
- National Theatre, Budapest (Studio)
- Cultural centre of Mayor office, Székesfehérvár
- Arts centre of Oroszlány, Siófok, Cegléd
- Moulin Rouge, Budapest
- Sport stadion of Győr
- Special light control effects in The Phantom of the Opera

at Touring Companies:

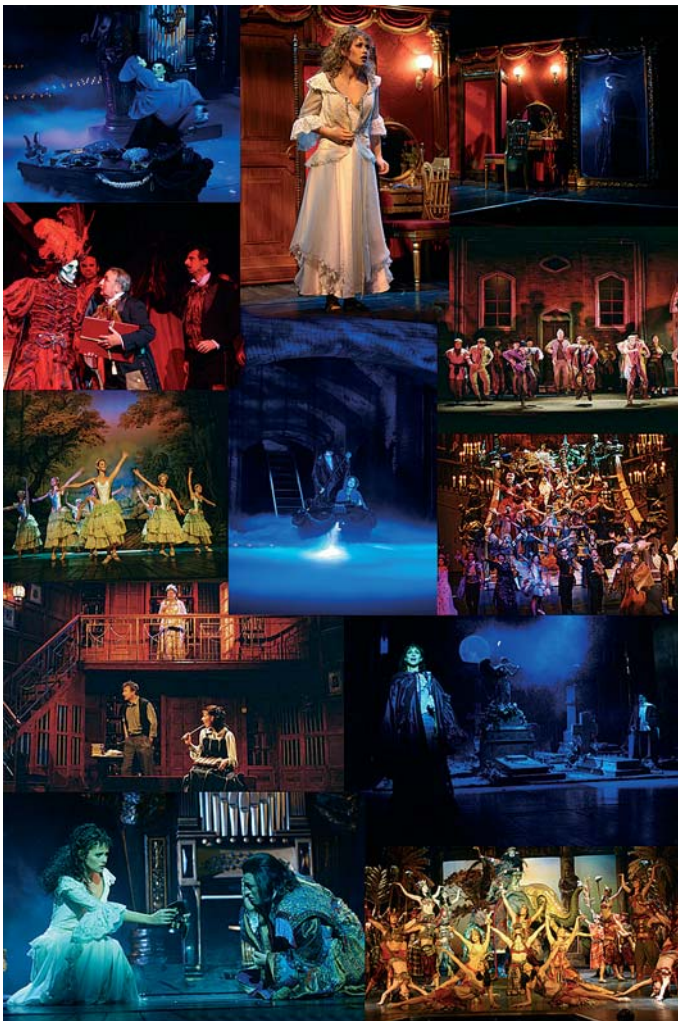
- Dry Light Ltd.
- Klemm Concert Team
- Mobil Audio & Light Ltd.
- Omega Light Ltd.
- ...and many more places.

Dealers around the World:



Additionally we have worldwide users like: USA, UAE, France, Belgium, Denmark, India, Egypt, Azerbadjan and probably your country comes next.

Photos from My Fair Lady (Pécs), The Phantom of the Opera (Budapest) and from Romeo and Juliet (Pécs)

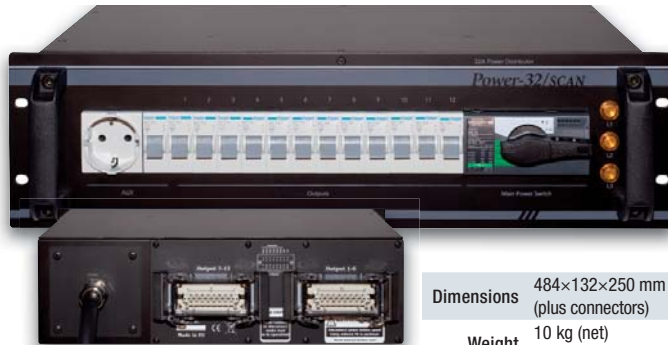


Photos © László Körtvélyesi (Pécs) and Eszter Gordon (Budapest)

POWER DISTRIBUTORS

Our power distributors are designed to distribute the incoming power line by different methods, and to provide security and efficiency for dimmers and other equipment. Always consider using proper power distribution!

Power-32/SCAN



Dimensions 484x132x250 mm
(plus connectors)
Weight 10 kg (net)
12 kg (gross)

- 3x32 A input via 1.2 m length 5x6 mm² H07 rubber cable with CEE plug
- Two 16-pole 'Harting' or two 19-pole 'Socapex' outputs
- AUX 10A Schuko output on the front panel
- C10A 1P 4.5 kA circuit breakers (optionally 1P+N) per output
- 40A 4-pole main switch
- Mains indicators

Order Codes

Power-32/SCAN-H2 with 2x16-pole 'Harting' connectors
Power-32/SCAN-SX with 2x19-pole 'Socapex' connectors

Orderable options

O3B-1P+N 1P+N circuit breakers
O3B-6kA 6kA lcn circuit breakers
O3B-AUXF CEBEC socket for AUX output

Power-32/HOIST



Dimensions 484x132x350 mm
(plus connectors)
Weight 12 kg (net)
14 kg (gross)

- Hoist motor controller up to four motors with direct phase drive
- Linkable common start control (local or remote) up to 8 units
- Local controllable directions at -A version
- Local and remote controllable directions at -B version
- Emergency stop button at local and on the remote controller
- 4x16A CEE 4P and one 16-pole Harting output at the backside
- Main 3P MCB for input mains
- Motor protector breakers for each outputs

Order Codes

Power-32/HOIST-A Local controllable directions with linkable start/stop remote
Power-32/HOIST-B Local and remote controllable directions with linkable start/stop signal

Power-63/DUO & DUO++



Dimensions 484x132x250 mm
(plus connectors)
Weight 9.5 kg (net)
11.5 kg (gross)

- 3x63A input via male CEE connector
- Two three-phase 32A output via CEE32A 5P female connectors on the back
- One AUX 16A Schuko output on the back protected with C16A MCB (fused on the back at DUO++)
- Two RCD protectors (30mA) for each 32A output
- C32A 3x1P 4.5kA circuit breakers for 32A outputs
- 4-pole main switch (3-pole at DUO++)
- Mains indicators

Order Codes

Power-63/DUO Mains input via fixed CEE plug on the back
Power-63/DUO-C Mains input via 1.2 m length 5x10 mm² H07 rubber cable with CEE plug
Power-63/DUO++ with DMM and the mains input via fixed CEE plug on the back
Power-63/DUO++-C with DMM and the mains input via 5x10 mm² H07 rubber cable with CEE plug

Orderable options

O3B-1P+N 1P+N circuit breakers for AUX
O3B-3P 3-pole circuit breakers for 32A outputs
O3B-4P 4-pole circuit breakers for 32A outputs
O3B-6kA 6kA lcn circuit breakers
O3B-RCD100 100mA RCD for 32A outputs
O3B-RCD300 300mA RCD for 32A outputs
O3B-AUXF CEBEC socket for AUX output

Power-63/MIX

- 3×63A input via male CEE connector (fixed to the back panel or with 1.2 m length 5×10 mm² H07 rubber cable)
- One three-phase 32A Output via CEE32A 5P socket on the back
- Six 16A Schuko outputs on the back
- One AUX 16A Schuko output on the front
- One RCD (63A/30mA) for all outputs (MIX1) or only for the Schuko outputs (40A/30mA; MIX2)
- C32A 3×1P 4.5kA circuit breakers for 32A output
- C16A 1P 4.5kA circuit breakers for Schuko outputs
- 63A 4-pole main switch
- Mains indicators

Order Codes

Power-63/MIX1	63A/30mA RCD, mains input via fixed CEE plug on the back
Power-63/MIX1-C	63A/30mA RCD, mains input via 5×10 mm ² H07 rubber cable with CEE plug
Power-63/MIX2	40A/30mA RCD for Schukos, mains input via fixed CEE plug on the back
Power-63/MIX2-C	40A/30mA RCD for Schukos, mains input via 5×10 mm ² H07 rubber cable with CEE plug



Dimensions 484×132×250 mm (plus connectors)
Weight 9.5 kg (net)
11.5 kg (gross)

Orderable options

O3B-1P+N	1P+N circuit breakers for AUX
O3B-3P	3-pole circuit breakers for 32A output
O3B-4P	4-pole circuit breakers for 32A output
O3B-6kA	6kA Icn circuit breakers
O3B-RCD100	100mA RCD for 32A outputs
O3B-RCD300	300mA RCD for 32A outputs
O3B-F	CEBEC sockets for 16A outputs

Power-125A & B

- 3×125A input via male CEE connector (fixed to the back panel or with 1m length 5×35mm² H07 rubber cable)
- 3×1P C125A circuit breakers for mains protection
- Two 3-phase 63A outputs on CEE63A 5P socket protected with 3×1P C63A 6kA MCBs and 63A/300mA RCDs (Power-125B only)
- Four 3-phase 32A outputs on CEE32A 5P socket protected with 3×1P C32A MCBs and 40A/30mA RCDs
- AUX 16A Schuko outputs on the back with RCBO (MCB-RCD combination; C16A/30 mA)
- Digital multimeter (DMM) to monitor the main features of the incoming power line (voltage between phases; voltage between phases and neutral; current on each phase; line frequency; operating time; peak and average display)
- Additional analogue current meter (only in Power-125B)

Order Codes

Power-125A	Mains input via fixed CEE plug on the back
Power-125A-C	Mains input via 5×35mm ² H07 rubber cable w/ CEE plug
Power-125B	Mains input via fixed CEE plug on the back
Power-125B-C	Mains input via 5×35mm ² H07 rubber cable w/ CEE plug

Orderable options

O6B-3P	3-pole circuit breakers for 32A and 63A outputs
O6B-4P	4-pole circuit breakers for 32A and 63A outputs
O6B-RCD30	30mA RCD for 63A outputs



Dimensions Power-125A: 484×264×250 mm (W×H×D, plus connectors)
Power-125B: 484×396×250 mm (W×H×D, plus connectors)
Weight Power-125A: 25/28 kg; Power-125B: 30/33 kg (net / gross)

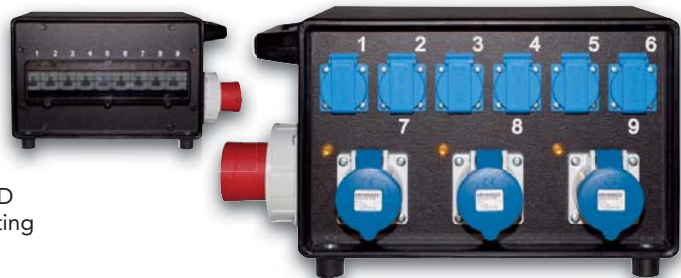
O6B-RCD100	100mA RCD for 32A and 63A outputs
O6B-RCD300	300mA RCD for 32A outputs
O6B-AUXF	CEBEC sockets for AUX output

RB Series

This new power distributor series provides an alternative solution when our rack mountable power boxes don't fit your installation requirements. The boxes are made from flame retardant HDPE and with IP44 protection for outdoor use. All protecting elements are placed behind a polycarbonate window. Each output is protected with MCBs or RCBO (MCB-RCD combination) which gives the best protection for the operating environment.

Available models

RB-321-x	3×32A input, 3× CEE32 3P outputs
RB-322-x	3×32A input, 6× Schuko outputs
RB-631-x	3×63A input, 3× CEE32 3P and 6× Schuko 16A outputs
RB-632-x	3×63A input, 2× CEE32 5P and 6× Schuko 16A outputs
RB-633-x	3×63A input, 6× CEE32 outputs
RB-634-x	3×63A input, 12× Schuko outputs



where 'x' means the protection of the outputs

-MCB	Protected with separated 1P circuit breakers
-RCBO	Protected with combined MCB/RCD (C type, 30mA)

Custom designed models are available on request!

PEGASUS® Master Dimmers

The Pegasus® Master series are the most powerful digital dimmers in our product range. Ideal for theatres, concerts, stage works, discos and any other professional places where the reliable quality must come with affordable price. These dimmers contain four RISC microprocessors with multiprocessor communication to make a 100% duty cycle power pack. The output power is controlled by TRIACs with digital phase angle control. The rising of the output current and the resulting distortion can decrease by special filters.

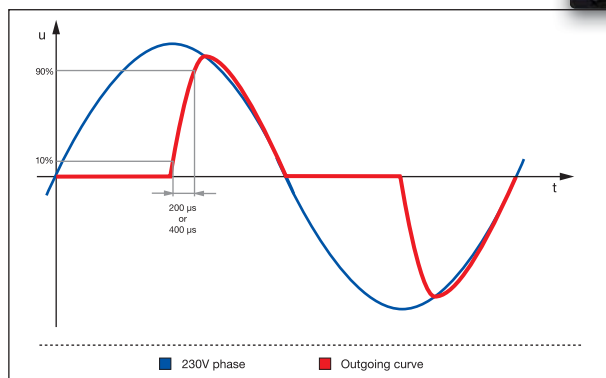


Pegasus® Master dimmer, 12-channel version – front view

We use well-designed inductance coils in our products which filter out the high frequency parts of the output current. These filters give a good quality for EMC (Electro Magnetic Compatibility). Master dimmers come with True200µs rise-time filters, however the Master TV version has doubled filter efficiency, the rise-time is True400µs! We don't only claim this, we guarantee it! The output curve is represented below.



Pegasus® Master dimmer, 6-channel version – front view



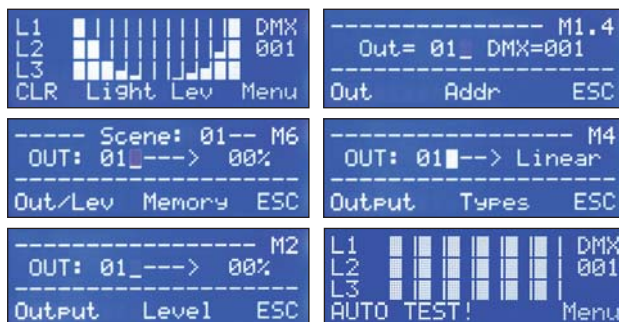
Output curve at full load and 90° phase angle



Inside view. Pegasus dimmers are modular with easily replaceable parts.

Main features

- 12x2.3kW (12x10A) and 6x5.7kW (6x25A) models
- True200µs rise time filtering (True400µs with TV option)
- Easy menu control with five push buttons and large blue LCD
- Control signals indicated on LCD and by green LEDs
- AC outputs indicated by yellow LEDs
- Global DMX address set or SoftPatch
- Individually selectable parameters per channel:
 - PreHeat
 - MaxLevel
 - Control curves (Voltage Linear, Phase-Angle Linear, Square, Fluorescent, Switch and User-Editable)
 - DMX Address (SoftPatch)
- Incoming DMX level display for monitoring
- Test function to check channels one by one
- User editable 40-step sequence for standalone mode with DMX Record option
- Internal fan with two speeds depending on internal heat (for low noise operation)
- Overheat protection
- Overload protection by circuit breakers (1P or optionally 1P+N)
- SoftFlash handling to eliminate MCB strikedown
- DMX-512 (DMX-512A ready) and optional analogue (0-10V) control
- Optional 10V output for small analog control desks
- Factory reset to restore all parameters
- Option for backside XLR connectors



The well-organized menu system provides hassle-free setup

Orderable options

- | | |
|-----------|---|
| O3D-TV | True400µs rise time filters for each output |
| O3D-B | DMX input on the back of the unit |
| O3D-1P+N | 1P+N circuit breakers |
| O3D-6kA | 6kA lcn circuit breakers |
| O3D-CEE | Mains cable with CEE connector |
| O3D-AN | 0-10V analogue input |
| O3D-AN10V | 0-10V analogue input with 10V output |
| O3D-RDM | Installed RDM function |
| O3D-RUB | Rubber feet set (4 pcs) |
| O3D-BFK | Backside fixation kit for rack mounting |

Order Codes

MASTER 1210-S	12×2.3kW with Schuko outputs
MASTER 1210-F	12×2.3kW with CEEBEC outputs
MASTER 1210-UK	12×2.3kW with UK BS13630 outputs
MASTER 1210-SW	12×2.3kW with 10A Swiss outputs
MASTER 1210-H1	12×2.3kW with 1×24-pole 'Harting' output
MASTER 1210-H2	12×2.3kW with 2×16-pole 'Harting' outputs
MASTER 1210-SX	12×2.3kW with 2×19-pole 'Socapex' outputs
MASTER 1210-C	12×2.3kW with CEE16A 3-pole outputs
MASTER 1210-STB	12×2.3kW with Screw terminal blocks for mains and outputs
MASTER 625-H	6×5.7kW with 2×6-pole 35A 'Harting' outputs
MASTER 625-PC	6×5.7kW with 32A PowerCon outputs
MASTER 625-STB	6×5.7kW with Screw terminal blocks for mains and outputs

Technical Specifications

Mains (12×2.3kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3×40A via 1.5 m length 5×6mm ² H07 rubber cable without CEE plug
Output current / Filtering (12×2.3kW model)	12×10A / 200 μs (400 μs with the TV option) (between 10%-90% at full load and 90° phase-angle)
Mains (6×5.7kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3×50A via 1.5 m length 5×10mm ² H07 rubber cable without CEE plug
Output current / Filtering (6×5.7kW model)	6×25A / 200 μs (400 μs with the TV option) (between 10%-90% at full load and 90° phase-angle)
Control connectors	5-pole XLR Input-Throughput for DMX-512 (optically and power isolated) 15-pole SUB-D male for analogue inputs (optional)
Protections	<ul style="list-style-type: none"> Inputs are EFT/ESD/Surge protected according to EN 61000-6-2 1P (optionally 1P+N) Icn 4.5 kA circuit breakers on the outputs (Icn 6 kA on request) Internal thermal protection against overheating
Corrosion protection	Electrostatic sintering (RAL9005)
Operating temperature	0 °C to 35 °C (RH: 0-90%, non-condensing)
Dimensions	19" rack 3U 484×132×350 (W×H×D in mm + connectors) Package dimensions: 620×620×230 (W×H×D in mm)
Weight	17 kg (net), 19 kg (gross) 23 kg (net), 25 kg (gross) with TV option.

PEGASUS® Dimmer output types



12-channel 3U digital dimmer with Schuko, CEEBEC, UK and Swiss outputs



12-channel 3U digital dimmer with CEE16A outputs



12-channel 3U digital dimmer with 1×24-pole 'Harting' output



12-channel 3U digital dimmer with 2×16-pole 'Harting' outputs



12-channel 3U digital dimmer with 2×19-pole 'Socapex' outputs



12-channel 3U digital dimmer with Screw terminal blocks



6-channel 3U digital dimmer with 2×6 pole 35A 'Harting' outputs



6-channel 3U digital dimmer with 32A PowerCon outputs

PEGASUS® Pro Dimmers

The Pro series is the cost-effective solution compared to Master dimmers. These dimmers come with the same power electronic board (12×10A or 6×25A output current with True200µs filters (or True400µs with TV option), the difference applies in the user interface and the adjustable parameters of the dimmer channels. We reduced these parameters to the most commonly used ones to have an easily configurable dimmer pack for you.

Main features

- 12×2.3kW (12×10A) and 6×5.7kW (6×25A) models
- True200µs rise time filtering (True400µs with TV option)
- Control signals indicated by green LEDs
- AC outputs indicated by yellow LEDs
- Three LEDs to mains/module state check
- Easy setup by push buttons and seven segment display
- Test function to check channels one by one
- Internal chaser effects for standalone mode (steady and running ones)
- Internal fan with two speeds depending on internal heat (for low noise operation)
- Overheat protection
- Overload protection by circuit breakers (1P or optionally 1P+N)
- Two adjustable parameters for each phase module (four or two channels in one group):
 - PreHeat: 0% to 30%
 - Control curve: Voltage Linear, Phase-Angle Linear and Switch
- SoftFlash handling to eliminate MCB strikedown
- DMX-512 (DMX-512A ready) and optional analog (0-10V) control
- Optional 10V output for small analog control desks
- Option for backside XLR connectors
- Optionally built with 40A/30 mA RCD or with 4-pole main switch

Order Codes

PRO 1210-S	12×2.3kW with Schuko outputs
PRO 1210-F	12×2.3kW with CEBEC outputs
PRO 1210-UK	12×2.3kW with UK BS13630 outputs
PRO 1210-SW	12×2.3kW with 10A Swiss outputs
PRO 1210-H1	12×2.3kW with 1×24-pole 'Harting' output
PRO 1210-H2	12×2.3kW with 2×16-pole 'Harting' outputs
PRO 1210-SX	12×2.3kW with 2×19-pole 'Socapex' outputs
PRO 1210-C	12×2.3kW with CEE16A 3-pole outputs
PRO 1210-STB	12×2.3kW with Screw terminal blocks for mains and outputs
PRO 625-H	6×5.7kW with 2×6-pole 35A 'Harting' outputs
PRO 625-PC	6×5.7kW with 32A PowerCon outputs
PRO 625-STB	6×5.7kW with Screw terminal blocks for mains and outputs

Orderable options

O3D-TV	True400µs rise time filters for each output
O3D-B	DMX input on the back of the unit
O3D-1P+N	1P+N circuit breakers
O3D-6kA	6kA Icn circuit breakers
O3D-RCD	Built in RCD (40A/30mA)
O3D-MS	Built in main switch (4-pole)
O3D-CEE	Mains cable with CEE plug
O3D-AN	0-10V analogue input
O3D-AN10V	0-10V analogue input with 10V output
O3D-RDM	Installed RDM function
O3D-RUB	Rubber feet set (4 pcs)
O3U-BFK	Backside fixation kit for rack mounting



Pegasus® Pro 12×2.3kW dimmer



Pegasus® Pro 12×2.3kW dimmer with analogue input on the front



Pegasus® Pro 12×2.3kW dimmer with RCD



Pegasus® Pro 6×5.7kW dimmer

Technical Specifications

Mains (12×2.3 kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3×40A via 1.5m length 5×6mm ² H07 rubber cable without CEE plug
Output current / Filtering (12×2.3 kW model)	12×10A / 200µs (400µs with the TV option) (between 10%-90% at full load and 90° phase-angle)
Mains (6×5.7 kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3×50A via 1.5m length 5×10mm ² H07 rubber cable without CEE plug
Output current / Filtering (6×5.7 kW model)	6×25A / 200µs (400µs with the TV option) (between 10%-90% at full load and 90° phase-angle)
Control connectors	5-pole XLR Input-Throughput for DMX-512 (optically and power isolated) 15-pole SUB-D male for analogue inputs (optional)
Protections	<ul style="list-style-type: none"> • Inputs are EFT/ESD/Surge protected according to EN 61000-6-2 • 1P (optionally 1P+N) Icn 4.5kA circuit breakers on the outputs (Icn 6kA on request) • Internal thermal protection against overheat
Corrosion protection	Electrostatic sintering (RAL9005)
Operating temperature	0°C to 35°C (RH: 0-90%, non-condensing)
Dimensions	19" rack 3U 484×132×350 (W×H×D in mm + connectors) Package dimensions: 620×620×230 (W×H×D)
Weight	17 kg (net), 19 kg (gross) 23 kg (net), 25 kg (gross) with TV option.

PEGASUS® xLite Dimmers

Our xLite dimmers are semi-professional, highly affordable and cost-effective dimmer solutions which are ideal for small theatres, culture centers or similar places.

Main features

- 12x2.3kW (12x10A) and 12x3.7kW (12x16A) output capability models
- True100µs rise time filtering
- Control signals indicated by green LEDs
- Three LEDs for mains/module state check
- Easy setup by push buttons and seven segment display
- Test function to check channels one by one
- Internal chaser effects for standalone mode (steady and running ones)
- Internal fan with two speeds depending on internal heat (for low noise operation)
- Overheat protection
- Overload protection by circuit breakers (1P or optionally 1P+N)
- Two adjustable parameters for each phase module (four channels in one group):
 - PreHeat: 0% to 30%
 - Control curve: Voltage Linear, Phase-Angle Linear and Switch
- SoftFlash handling to eliminate MCB strikedown
- DMX-512 (DMX-512A ready) and optional analogue (0-10V) control
- Optional 10V output for small analogue control desks
- Option for backside XLR connectors

Order Codes

xLITE 1210-S	12x2.3kW with Schuko outputs
xLITE 1210-F	12x2.3kW with CEBEC outputs
xLITE 1210-UK	12x2.3kW with UK BS13630 outputs
xLITE 1210-SW	12x2.3kW with 10A Swiss outputs
xLITE 1210-H1	12x2.3kW with 1x24-pole 'Harting' output
xLITE 1210-H2	12x2.3kW with 2x16-pole 'Harting' outputs
xLITE 1210-SX	12x2.3kW with 2x19-pole 'Socapex' outputs
xLITE 1210-C	12x2.3kW with CEE16A 3-pole outputs
xLITE 1210-STB	12x2.3kW with Screw terminal blocks for mains and outputs

Orderable options

O3D-B	DMX input on the back of the unit
O3D-1P+N	1P+N circuit breakers
O3D-6kA	6kA Icn circuit breakers
O3D-CEE	Mains cable with CEE plug
O3D-AN	0-10V analogue input



Pegasus® xLite 2.3kW Dimmer

Technical Specifications

Mains (12x2.3 kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3x40A via 1.5 m length 5x6mm² H07 rubber cable without CEE plug
Output current / Filtering (12x2.3 kW model)	12x10A / 100 µs (between 10%-90% at full load, 90° phase-angle)
Mains (12x3.7 kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3x63A via 1.5 m length 5x10mm² H07 rubber cable without CEE plug
Output current / Filtering (12x3.7 kW model)	12x16A / 100 µs (between 10%-90% at full load, 90° phase-angle)
Control connectors	5-pole XLR Input-Throughput for DMX-512 (optically and power isolated) 15-pole SUB-D male for analogue inputs (optional) • Inputs are EFT/ESD/Surge protected according to EN 61000-6-2
Protections	• 1P (optionally 1P+N) Icn 4.5 kA circuit breakers on the outputs (Icn 6kA on request) • Internal thermal protection against overheat
Corrosion protection	Electrostatic sintering (RAL9005)
Operating temperature	0 °C to 35 °C (RH: 0-90%, non-condensing)
Dimensions	19" rack 3U 484x132x350 (WxHxD in mm + connectors) Package dimensions: 620x620x230 (WxHxD in mm)
Weight	16 kg (net) 18 kg (gross)

xLITE 1216-S	12x3.7kW with Schuko outputs
xLITE 1216-F	12x3.7kW with CEBEC outputs
xLITE 1216-UK	12x3.7kW with UK BS13630 outputs
xLITE 1216-SW	12x3.7kW with 16A Swiss outputs
xLITE 1216-H1	12x3.7kW with 1x24-pole 'Harting' output
xLITE 1216-H2	12x3.7kW with 2x16-pole 'Harting' outputs
xLITE 1216-SX	12x3.7kW with 2x19-pole 'Socapex' outputs
xLITE 1216-C	12x3.7kW with CEE16A 3-pole outputs
xLITE 1216-STB	12x3.7kW with Screw terminal blocks for mains and outputs

O3D-AN10V	0-10V analogue input with 10V output
O3D-RDM	Installed RDM function
O3D-RUB	Rubber feet set (4 pcs)
O3D-BFK	Backside fixation kit for rack mounting

ExBox Series

ExBox unfolding boxes provide professional and hassle-free connection between multicore cables and spotlight, moving head or similar equipments. The housing of the box has been designed for stage installation or truss mounting via C hook (by M10 nut on the side of the box). Currently 6 and 12-channel versions are available.

Order Codes

ExBox-2412A	24-pole 'Harting' input/throughput, 12x Schuko output
ExBox-2412B	24-pole 'Harting' input, 12x Schuko output
ExBox-1606A	16-pole 'Harting' input/throughput, 6x Schuko output
ExBox-1606B	16-pole 'Harting' input, 6x Schuko output

Socapex input/throughput on request!

Other types of outputs are also available (CEBEC, UK BS13630, Swiss, CEE16A)!



PEGASUS® Mini Master Dimmer

If you are looking for small 6-channel dimmer pack with the same features as our 12-channel Master dimmer has, the Mini Master is the best choice for you. The range of Mini dimmers can be installed in rack containers or used as portable dimmer packs.

- 6x2.3 kW (6x10A), 6x3 kW (6x13A) and 6x3.7 kW (6x16A) models
- Mains input via rubber cable with CEE32A 5P plug or on Screw terminal blocks
- True100µs rise time filtering
- Easy menu control with four push buttons and blue LCD
- Local control with seven illuminated slide potmeters (for the 6 channels + Grand Master)
- Control signals indicated by green LEDs
- AC output indicated by yellow LEDs
- Global DMX address set or SoftPatch
- Individually selectable parameters per channel:
 - PreHeat
 - MaxLevel
 - Control curves (Voltage Linear, Phase-Angle Linear, Square, Fluorescent, Switch and User-Editable)
 - DMX Address (SoftPatch)
- Test function to check channels one by one
- User editable 20-step sequence for standalone mode with DMX Record option
- Internal fan with two speeds depending on internal heat (for low noise operation)
- Overheat protection
- Overload protection by circuit breakers (1P or optionally 1P+N)
- SoftFlash handling to eliminate MCB strikedown
- DMX-512 (DMX-512A ready) control
- Factory reset to restore all parameters

Orderable options

O2D-1P+N	1P+N circuit breakers
O2D-6kA	6kA Icn circuit breakers
O2D-RDM	Installed RDM function
O2D-PORT	Portable set (incl. plastic handle and rubber feet)
O2D-RUB	Rubber feet set (4 pcs)
O2D-BFK	Backside fixation kit for rack mounting



Pegasus® MiniMaster dimmer – front view (rackable type)

Technical Specifications

Mains (MM610/MM613/MM616)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3x20A / 3x26A / 3x32A via 1.5 m length 5x4 mm ² H07 rubber cable with CEE32A 5P plug
Output current (MM610/MM613/MM616)	6x10A / 6x13A / 6x16A
Filtering	100 µs (between 10%-90% at full load, 90° phase-angle)
Control connectors	5-pole XLR Input-Throughput for DMX-512 (optically and power isolated)
Protection	<ul style="list-style-type: none"> • Inputs are EFT/ESD/Surge protected according to EN 61000-6-2 • 1P (optionally 1P+N) Icn 4.5 kA circuit breakers on the outputs (Icn 6 kA on request) • Internal thermal protection against overheating
Corrosion protection	Electrostatic sintering (RAL7011)
Operating temperature	0°C to +35°C (RH: 0-90%, non-condensing)
Dimensions	19" rack 2U 484x88x350 (WxHxD in mm + connectors) Package dimensions: 600x520x190 (WxHxD in mm)
Weight	11.5 kg (net), 13 kg (gross)

Order Codes

MM 6xx-S	Schuko outputs
MM 6xx-F	CEBEC outputs
MM 6xx-UK	UK BS13630 outputs
MM 6xx-SW	Swiss outputs
MM 6xx-H	1x16-pole 'Harting' output
MM 6xx-H2	2x16-pole 'Harting' outputs
MM 6xx-SX	1x19-pole 'Socapex' output
MM 6xx-SX2	2x19-pole 'Socapex' outputs
MM 6xx-C	CEE16A 3-pole outputs
MM 6xx-STB	Screw terminal blocks for mains and outputs

Where 'xx' means the output current per channel
(e.g. 'MM 610-S' means the 6x10A model with Schuko sockets)



Pegasus® Mini Dimmer with Schuko, CEBEC, UK and Swiss outputs



Pegasus® Mini Dimmer with CEE16A outputs



Pegasus® Mini Dimmer with 1x16-pole 'Harting' output



Pegasus® Mini Dimmer with 2x16-pole 'Harting' outputs



Pegasus® Mini Dimmer with 1x19-pole 'Socapex' output



Pegasus® Mini Dimmer with Screw terminal blocks

PEGASUS® Mini ECO Dimmers

This small unique dimmer is dedicated for users who need a reliable, affordable and easily controllable 6-channel small dimmer unit. The power electronic is the same as in the Mini Master with reduced number of adjustable parameters for easy setup.

- 6x2.3kW (6x10A), 6x3kW (6x13A) and 6x3.7kW (6x16A) models
- Mains input via rubber cable with CEE32A 5P plug or on screw terminal blocks
- True100µs rise time filtering
- Easy setup with push buttons and seven segment display
- Control signals are indicated by green LEDs
- Global DMX address set
- Test function to check channels one by one
- Internal chaser effects for standalone mode
- Internal fan with two speeds depending on internal heat (for low noise operation)
- Overheat protection
- Overload protection by circuit breakers (1P or optionally 1P+N)
- SoftFlash handling to eliminate MCB strikedown
- DMX-512 (DMX-512A ready) and optional analogue (0-10V) control

Order Codes

ME 6xx-S	Schuko outputs
ME 6xx-F	CEBEC outputs
ME 6xx-UK	UK BS13630 outputs
ME 6xx-SW	Swiss outputs
ME 6xx-H	1x16-pole 'Harting' output
ME 6xx-H2	2x16-pole 'Harting' outputs
ME 6xx-SX	1x19-pole 'Socapex' output
ME 6xx-SX2	2x19-pole 'Socapex' outputs
ME 6xx-C	CEE16A 3-pole outputs
ME 6xx-STB	Screw terminal blocks for mains and outputs

Where 'xx' means the output current per channel (e.g. 'ME 610-S' means the 6x10A model with Schuko sockets)



Technical Specifications

Mains (ME610/ME613/ME616)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3x20A / 3x26A / 3x32A via 1.5 m length 5x4 mm² H07 rubber cable with CEE32A 5P plug
Output current (ME610/ME613/ME616)	6x10A / 6x13A / 6x16A
Filtering	100 µs (between 10%-90% at full load, 90° phase-angle)
Control connectors	5-pole XLR Input-Throughput for DMX-512 (optically and power isolated)
Protection	<ul style="list-style-type: none"> • Inputs are EFT/ESD/Surge protected according to EN 61000-6-2 • 1P (optionally 1P+N) Icn 4.5 kA circuit breakers on the outputs (Icn 6 kA on request) • Internal thermal protection against overheat
Corrosion protection	Electrostatic sintering (RAL7011)
Operating temperature	0 °C to +35 °C (RH: 0-90%, non-condensing) 19" rack 2U 484x88x350 (WxHxD in mm + connectors)
Dimensions	Package dimensions: 600x520x190 (WxHxD in mm)
Weight	11.5 kg (net), 13 kg (gross)



Orderable options

O2D-1P+N	1P+N circuit breakers
O2D-6kA	6kA Icn circuit breakers
O3D-AN	0-10V analogue input
O3D-AN10V	0-10V analogue input with 10V output
O2D-RDM	Installed RDM function
O2D-PORT	Portable set (incl. plastic handle and rubber feet)
O2D-RUB	Rubber feet set (4 pcs)
O2D-BFK	Backside fixation kit for rack mounting

Delta-Star input for Mini dimmer range

If your power supply is 3P+PE 230V (specially in cruise ships or in Norway or in Belgium) instead of the 3P+N+PE (star connection) or both can be found in your area this dimmer pack is the best option for you to handle this situation!

The mains input of the dimmer can be connected to both mains networks (delta 230V or star 230V).

Order Codes

MM 6xxD-STB	(Screw terminal blocks for mains and outputs)
ME 6xxD-STB	(Screw terminal blocks for mains and outputs)

Where the 'xx' means the output current per channel (e.g. 'ME 610D-S' means the 6x10A model)

Outputs are protected with 2P 4.5 kA circuit breakers. All other features are the same as in the standard Mini dimmer series specification above. Basically these dimmers are available with Screw terminal block input/output configuration.

Special input/output configurations are available on request!

Orderable options

O2D-6kA	6kA Icn circuit breakers
O3D-AN	0-10V analogue input
O3D-AN10V	0-10V analogue input with 10V output
O2D-RDM	Installed RDM function
O2D-PORT	Portable set (incl. plastic handle and rubber feet)
O2D-RUB	Rubber feet set (4 pcs)
O2D-BFK	Backside fixation kit for rack mounting

PEGASUS® WM-12 Dimmers

Our WM dimmer range has been designed for architectural installations such as museums, interior light control, sport centers, and for many similar places where rack installation is not possible. This version of the WM series comes with 12-channel dimmer and/or relay modules up to 16A per channel.

- 12x1.4 kW (12x6A), 12x2.3 kW (12x10A), 12x3 kW (12x13A) and 12x3.7 kW (12x16A) models
- Orderable Dimmer or Relay modules per phase (each phase module contains four channels)
- True100µs or True200µs rise time filtering for dimmer modules
- 10 mm² terminal blocks for input mains, 4 mm² ones for outputs
- Cabling on the top via cable glands or through the backside of the unit
- 4-pole main switch (or RCD as an option)
- Easy menu control with five push buttons and large blue LCD
- Control signals are indicated on LCD
- Global DMX address set or SoftPatch
- Individually selectable parameters per channel:
 - PreHeat
 - MaxLevel
 - Control curves (Voltage Linear, Phase-Angle Linear, Square, Fluorescent, Switch and User-Editable)
 - DMX Address (SoftPatch)
- Incoming DMX level display for monitoring
- Test function to check channels one by one
- User editable 40-step sequence for standalone mode with DMX Record option
- Internal fan with two speeds depending on internal heat (for low noise operation)
- Overheat protection
- Overload protection by circuit breakers (1P or optionally 1P+N)
- SoftFlash handling to eliminate MCB strikedown
- DMX-512 (DMX-512A ready) and optional configurable analogue (0-10V) control
- Factory reset to restore all parameters
- Optionally orderable with DALI interface
- Optionally 12 analogue inputs which can be assigned to stored screens (one input is a dedicated panic control e.g. fire alarm)

Order Codes

WM 12xxA-12D	12-ch dimmer pack (True100µs) with main switch
WM 12xxB-12D	12-ch dimmer pack (True100µs) with 30mA RCD
WM 12xxC-12D	12-ch dimmer pack (True200µs) with main switch
WM 12xxD-12D	12-ch dimmer pack (True200µs) with 30mA RCD
WM 12xxA-8D4R	8-ch dimmer (True100µs) + 4-ch relay pack w/ main switch
WM 12xxB-8D4R	8-ch dimmer (True100µs) + 4-ch relay pack w/ 30mA RCD
WM 12xxC-8D4R	8-ch dimmer (True200µs) + 4-ch relay pack w/ main switch
WM 12xxD-8D4R	8-ch dimmer (True200µs) + 4-ch relay pack w/ 30mA RCD
WM 12xxA-4D8R	4-ch dimmer (True100µs) + 8-ch relay pack w/ main switch
WM 12xxB-4D8R	4-ch dimmer (True100µs) + 8-ch relay pack w/ 30mA RCD
WM 12xxC-4D8R	4-ch dimmer (True200µs) + 8-ch relay pack w/ main switch
WM 12xxD-4D8R	4-ch dimmer (True200µs) + 8-ch relay pack w/ 30mA RCD
WM 12xxA-12R	12-ch relay pack with main switch
WM 12xxB-12R	12-ch relay pack with 30mA RCD

Where the 'xx' means the output current per channel (6A, 10A, 13A or 16A)

Orderable options

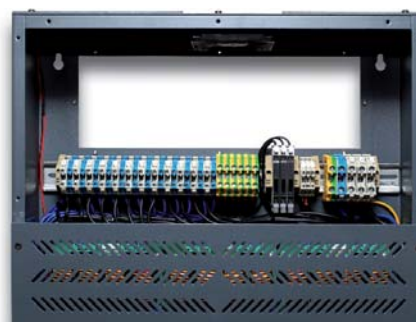
OWM-DELTA	Delta mains input (3P+PE 230V)
OWM-1P+N	1P+N circuit breakers
OWM-6kA	6kA Icn circuit breakers
OWM-CG	Cable gland set
OWM-DALI	DALI interface
OWM-AN	Analogue input
OWM-RDM	Installed RDM function

Upcoming WM products

WM 625	6x25A dimmer/relay range)
OWM-RPC	Reverse-phase angle control option for dimmer modules
WM-CB1	Wall mounted Control board with push buttons
WM-CB2	Wall mounted Control board with faders and push buttons



Pegasus® WM-12 dimmer



Pegasus® WM-12 dimmer inside view with 1P+N option

Technical Specifications

Mains (WM1206 / WM1210 / WM1213 / WM1216)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3x24A / 3x40A / 3x52A / 3x63A via screw terminal blocks (10 mm ²)
Output current (WM1206 / WM1210 / WM1213 / WM1216)	12x6A / 12x10A / 12x13A / 12x16A
Filtering (WM12xxA and WM12xxB)	100 µs (between 10%-90% at full load, 90° phase-angle)
Filtering (WM12xxC and WM12xxD)	200 µs (between 10%-90% at full load, 90° phase-angle)
Protection	<ul style="list-style-type: none"> • Inputs are EFT/ESD/Surge protected according to EN 61000-6-2 • 1P (optionally 1P+N) Icn 4.5 kA circuit breakers on the outputs (Icn 6 kA on request) • Internal thermal protection against overheating
Corrosion protection	Electrostatic sintering (RAL7011)
Operating temperature	0 °C to +35 °C (RH: 0-90%, non-condensing)
Dimensions	440x365x140 (WxHxD in mm + cable gland) Package dimensions: 560x780x260 (WxHxD in mm)
Weight	22 kg (net), 25 kg (gross)

PEGASUS® ARC-1 Dimmer

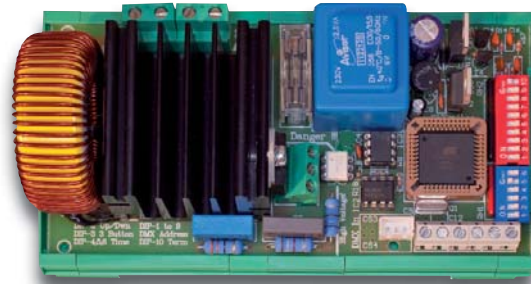
This unit is a one-channel digital dimmer which is unique if you have to control only a few circuits in your architectural installation. The output power can be up to 2.3kW (10A), which is controlled by phase angle control (TRIAC). The output level can be adjusted with four methods:

- 0-10V analogue input (Built in +10V output for potmeter)
- DMX-512 input (binary selectable start address on DIP switches)
- Two pushbuttons (UP/DOWN) with selectable fade time (0s-12s)
- Three pushbuttons (MAX/MIDDLE/MIN) with selectable fade time (0s-12s)

This single-channel architectural dimmer module comes with a test function for load checking. Control modes and fade times are selectable by DIP switches on the PCB. All control inputs can be connected in parallel to allow the control of more than one unit in one time.

Order Codes

ARC-1	230V/50Hz mains
ARC-1/115	115V/60Hz mains



Technical Specifications

Mains	115V / 230V 50 or 60 Hz 10A
Filtering	75 µs between 10% and 90% at full load and 90° phase angle
Mounting type	Plastic PCB holder for TS and C rails
Operating temperature	0 °C to 35 °C (RH: 0-90%, non-condensing)
Dimensions	135×77×72 (W×H×D in mm) Packaging dimensions: 140×85×80 (W×H×D in mm)
Weight	0.6 kg (net), 1 kg (gross)

PEGASUS® RiggDims

Installations often need only one or two DMX or locally controlled dimmer channels with the same quality as the big dimmer packs have. This unit has many useful options such as DMX input, built-in pot-meter for local control and easy mounting to trusses.

- Four different models: 2×1.4 kW (2×6A), 2×2.3kW (2×10A), 1×2.3kW (1×10A) and 1×3.7 kW (1×16A)
- Schuko, CEBEC, UK BS13630, Swiss or CEE16A sockets for outputs
- Power input via rubber cable with Schuko plug (except 2×2.3kW model). Other plug types are available on request.
- Global DMX start address set on seven segment display by push buttons
- Test function to check operation and loads

Order Codes

RD 110-x	1×10A model
RD 116-x	1×16A model
RD 206-x	2×6A model
RD 210-x	2×10A model

Where '-x' means the output socket type:

-S	Schuko outputs
-F	CEBEC outputs
-UK	UK BS13630 outputs
-SW	Swiss type outputs
-C	CEE16A 3-pole outputs

Orderable options

ORD-115	115V/60Hz mains input
ORD-CEE	CEE plug for mains input



Technical Specifications

Mains	115V / 230V 50 or 60 Hz
Filtering (RD1xx model)	150 µs between 10% and 90% at full load and 90° phase angle
Filtering (RD2xx model)	75 µs between 10% and 90% at full load and 90° phase angle
Control connectors	5-pole XLR Input-Throughput for DMX-512 (optically and power isolated)
Mounting type	Directly mountable onto 50 mm truss
Operating temperature	0 °C to +35 °C (RH: 0-90%, non-condensing)
Dimensions	170×320×70 (W×H×D in mm + cable gland) Package dimensions: 185×405×100 (W×H×D in mm)
Weight	2.5 kg (net), 3 kg (gross)

PEGASUS® Rack-24

The Pegasus® Rack-24 is a complete solution for stages and touring. It contains two Pegasus® Master or Pegasus® Pro 12-channel dimmers, one 63A power distributor (Power-63/DUO or DUO++) and a 48/56-way HotPatch panel (with ST17/2 or ST17/3 connectors). With this solution we guarantee the highest quality and flexibility for your equipment, and the robust flightcase protects your goods and ensures easy transportation.

- 24×2.3kW (10A) per output power with two outputs per channel HotPatch (48 outputs)
- Rail mounted dimmers for easy service (see photo)
- The HotPatch matrix outputs via on eight 16-pole 'Harting' or on 19-pole 'Socapex' and on eight Schuko connectors at the rear panel
- Colour coded sockets and connectors for easy patch
- Special HotPatch and output versions are available on request
- Mains input on CEE63A 5P male connector on the rear panel
- AUX 16A output on the rear panel

Technical Specifications

Built-in units	Two Pegasus® Master or Pro 12-channel dimmers One Pegasus® Power-63/DUO or DUO++ distributor One 48/56 HotPatch panel with cables
Dimensions	520×920×760 (W×H×D) mm (with covers)
Weight	80 kg



PEGASUS® RP Digital Relay Packs

If you need a DMX switchable mains supply (230V) for moving heads, hazers, LED bars and similar resistive, inductive or capacitive loads our new RP and MiniRP range is the best solution for you.

- 12×2.3kW (12×10A), 6×3.7kW (6×16A) and 6×5.7kW (6×25A) models
- Control signals indicated by green LEDs
- AC outputs indicated by yellow LEDs
- Three LEDs for mains/module state check
- Easy setup by push buttons and seven segment display
- Test function to check channels one by one
- Low-speed fan for proper cooling and for low-noise operation
- Overload protection by circuit breakers (1P or optionally 1P+N)
- Microprocessor controlled zero-cross switching on
- DMX-512 (DMX-512A ready) and optional analogue (0-10V) control
- Option for backside XLR connectors

Order Codes

RP 1210-S	12×2.3kW w/ Schuko outputs
RP 1210-H1	12×2.3kW w/ 1×24-pole 'Harting' output
RP 1210-H2	12×2.3kW w/ 2×16-pole 'Harting' outputs
RP 1210-SX	12×2.3kW w/ 2×19-pole 'Socapex' outputs
RP 1210-STB	12×2.3kW w/ Screw terminal blocks for mains & outputs
RP 625-H	6×5.7kW w/ 2×6-pole 35A 'Harting' output
RP 625-STB	6×5.7kW w/ Screw terminal blocks for mains & outputs
MRP 616-S	6×3.7kW w/ Schuko outputs
MRP 616-H	6×3.7kW w/ 1×16-pole 'Harting' outputs
MRP 616-SX	6×3.7kW w/ 1×19-pole 'Socapex' outputs
MRP 616-C	6×3.7kW w/ CEE16A 3-pole outputs
MRP 616-STB	6×3.7kW w/ Screw terminal blocks for mains and outputs

Other output types are available on request!

Orderable options

Please refer to the orderable options of the Pro (page 8) and the MiniECO (page 11) dimmers.



Pegasus® RP 12×2.3kW – front view



Pegasus® MiniRP 6×3.7kW – front view

Technical Specifications

Mains (12×2.3kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3×40A via 1.5m length 5×6mm² H07 rubber cable without CEE plug
Mains (6×3.7kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3×32A via 1.5m length 5×4mm² H07 rubber cable with CEE plug
Mains (6×5.7kW model)	3P+N+PE (230V/400V Star 50 or 60 Hz) 3×50A via 1.5m length 5×10mm² H07 rubber cable without CEE plug
Control connectors	5-pole XLR Input-Thru for DMX-512 (opto- and power isolated) 15-pole SUB-D male for analogue inputs (optional)
Protections	• Control inputs are EFT/ESD protected with TVS elements • 1P (optionally 1P+N) Icn 4.5kA circuit breakers on the outputs (Icn 6kA on request) • Internal thermal protection against overheat
Corrosion protection	Electrostatic sintering (3U: RAL9005, 2U: RAL7011)
Operating temperature	0°C to 35°C (RH: 0-90%, non-condensing)
Dimensions (RP)	19" rack 3U 484×132×350 (W×H×D in mm + connectors) Package dimensions: 620×620×230 (W×H×D)
Dimensions (MiniRP)	19" rack 2U 484×88×350 (W×H×D in mm + connectors) Package dimensions: 600×520×190 (W×H×D)
Weight	RP: 11 kg (net) 13 kg (gross), MiniRP: 9 kg (net) 11 kg (gross)

Modular System One



Example installation of the Modular System One (front and back side)

Are you looking for a highly affordable dimmer system with modular features including feedback option plus control/monitor feature through Ethernet?

Here is the right choice for you!

Our Modular One Dimmer System based on the popular Master and Pro series with a special housing. There are up to ten independent 19" and 3U high dimmer or relay unit in one rack cabinet. Each 19" unit can be separately disconnected from the cabinet. Internal power distribution is based on TN-S 3x400A rail system. The functions of the dimmer units are the same as indicated at the Pro or Master section.

For diagnostics, our FeedBACK!™ software monitors the dimmers and provides information about the DMX address, control level, output state from each dimmer channels, module temperatures and some very useful extra functions about regarding cabinet supporting the operator.



Rack 1													
Dimmer 1													
Channel	1	2	3	4	5	6	7	8	9	10	11	12	Temp.
Trigger	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20 °C
Output	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	
Dimmer 2													
Channel	1	2	3	4	5	6	7	8	9	10	11	12	Temp.
Trigger	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20 °C
Output	8%	7%	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	
Dimmer 3													
Channel	1	2	3	4	5	6	7	8	9	10	11	12	Temp.
Trigger	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20 °C
Output	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Dimmer 4													
Channel	1	2	3	4	5	6	7	8	9	10	11	12	Temp.
Trigger	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20 °C
Output	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

Screenshot from the FeedBACK!™ software

ACCESSORIES FOR THE DMX NETWORK

To distribute, manage or change DMX data on the network you can find different products in our portfolio.

Split-7

- Seven optically isolated outputs with separate power supply
- One non-isolated throughput
- **Built with Amphenol XLR connectors**
- DMX signal display by blue LED
- Switchable Line termination (120 Ohm)
- 19" rack 1U metal housing
- Dimensions: 484x44x160 (WxHxD in mm)
- Package: 500x55x215 (WxHxD in mm)
- Weight: 2.7 kg (net), 3 kg (gross)

Order Codes

SPLIT-7	with 5-pin XLR connectors on the front
SPLIT-7/3P	with 3-pin XLR connectors on the front
SPLIT-7B	with 5-pin XLR connectors on the back
SPLIT-7B/3P	with 3-pin XLR connectors on the back



Split-7 – back view



Split-7B – back view

SplitMax

- Seven optically isolated outputs with separate power supply
- One non-isolated throughput
- Built with Neutrik plastic gold plated connectors
- 3-pole and 5-pole XLRs for input and throughput
- Four outputs with 5-pin, two outputs with 5- and 3-pin and one with 3-pin XLR connectors
- Orderable with RJ-45 connectors
- DMX signal display by blue LED
- Switchable Line termination (120 Ohm)
- 19" rack 1U metal housing
- Dimensions: 484x44x160 (WxHxD in mm)
- Package: 500x55x215 (WxHxD in mm)
- Weight: 2.7 kg (net), 3 kg (gross)

Order Codes

SPLITMAX	with XLR connectors
SPLITMAX/RJ	with XLR & RJ-45 connectors



xSplit-7

- Seven optically isolated outputs with separate power supply
- One non-isolated throughput
- **Built with Taiwan made XLR connectors**
- DMX signal display by blue LED
- Switchable Line termination (120 Ohm)
- 19" rack 1U metal housing
- Dimensions: 484x44x160 (WxHxD in mm)
- Package: 500x55x215 (WxHxD in mm)
- Weight: 2.7 kg (net), 3 kg (gross)

Order Codes

xSPLIT-7	with 5-pin XLR connectors on the front
xSPLIT-7/3P	with 3-pin XLR connectors on the front
xSPLIT-7B	with 5-pin XLR connectors on the back
xSPLIT-7B/3P	with 3-pin XLR connectors on the back



Split-4

- Seven optically isolated outputs with separate power supply
- One non-isolated throughput
- **Built with Amphenol XLR connectors**
- DMX signal display by blue LED
- Switchable Line termination (120 Ohm)
- Truss mountable metal housing
- Dimensions: 170×320×70 (W×H×D in mm)
- Package: 185×405×100 (W×H×D in mm)
- Weight: 2.5 kg (net), 2.8 kg (gross)

Order Codes

SPLIT-4 with 5-pin XLR connectors
 SPLIT-4/3P with 3-pin XLR connectors



Repeater

- One input one output booster (line refresher)
- Input and output is optically isolated and powered with separate power supply
- Built-in line terminations (120 Ohm)
- DMX signal displayed on blue LED
- Truss and wall mountable metal housing
- Dimensions: 175×50×110 (W×H×D in mm)
- Package: 200×80×130 (W×H×D in mm)
- Weight: 0.7 kg (net), 1 kg (gross)

Order Codes

REPEATER with 5-pin XLR connectors
 REPEATER/3P with 3-pin XLR connectors



Merger 2-1

- 2 DMX inputs and one output
- Highest-takes-precedence (HTP) or Copy function
- Adjustable offset for Input 2 (till the Input 1 prevail)
- All inputs and output are optically isolated and powered with separated power supply
- Built-In line terminations (120 Ohm)
- DMX signals displayed on blue LEDs
- Ideal for Back-Up systems
- 19" rack 1U metal housing
- Dimensions: 484×44×120 (W×H×D in mm)
- Package: 500×55×215 (W×H×D in mm)
- Weight: 1.9 kg (net), 2.2 kg (gross)

Order Codes

MERGER with 5-pin XLR connectors on the front
 MERGER-B with 5-pin XLR connectors on the back



Merger – front view



Merger – back view



Merger-B – front view



Merger-B – back view

Demux-24

- DMX-512 to 24 analog (0-10V) converter
- Separate DA converters for all channels
- 0/+10V or 0/-10V operation
- Two output test types
- 5-pole or 3-pole XLR input-throughput
- Start address can be set on a seven segment display by push buttons
- 19" rack 1U metal housing
- Dimensions: 484x44x120 (WxHxD in mm)
Package: 500x55x215 (WxHxD in mm)
- Weight: 2 kg (net), 2.3 kg (gross)

Order Codes

DEMUX-24 with 5-pin XLR connectors
DEMUX-24/3P with 3-pin XLR connectors

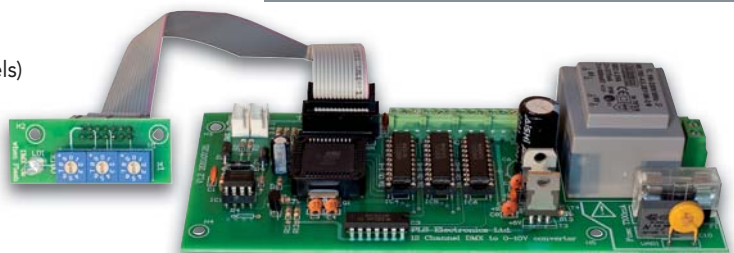


Demux-12/PCB

- DMX-512 to 12 analogue (0-10V) converter
- Separated DA converters for all channels (12 channels)
- Start address can be set by three rotary knobs
- DMX signal display by blue LED
- Analogue outputs via Screw terminal blocks
- Ideal to make a DMX dimmer from an old analogue one
- Weight: 0.3 kg (net), 0.6 kg (gross)

Order Codes

DEMUX-12/PCB



Demux-4/PCB

- DMX-512 to 4 analogue (0-10V) converter
- Separated DA converters for all channels (4 channels)
- Start address can be set by DIP switches
- DMX signal display by blue LED
- Analogue outputs via Screw terminal blocks
- Weight: 0.15 kg (net), 0.5 kg (gross)

Order Codes

DEMUX-4/PCB



xCP 300 Colour Changer PSU

- 300 W Switching mode power supply for colour changers
- Compatible with most colour changers and their accessories (Gobo rotators, mirrors, etc.)
- Built-in two-way DMX Splitter (outputs are optically isolated and powered with separate power supply)
- Orderable with 24V or 48V outputs
- Two 4-pin female outputs with male return plugs with 120 Ohm termination
- Dimensions: 290x225x70 (WxHxD in mm)
Package: 300x240x80 (WxHxD in mm)
- Weight: 4 kg (net), 5 kg (gross)

Order Codes

xCP-300/24 with 24V outputs
xCP-300/48 with 48V outputs



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All products are made in EU with Lead Free technology.

We use high quality Wieland, Weidmüller, ABL, Bals and PCE power connectors

Special power output types for dimmers and power distributors are available on request.

Custom designs are welcome.

All specifications and product feature might be subject to change without notice!
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For all the latest information regarding our products
please visit our home page: www.pls.hu or contact us at info@pls.hu!



PLS Electronics Ltd.

H-8000 Székesfehérvár, Taksony u. 3. HUNGARY

Phone/Fax: +36 22 382 783 • Mobile: +36 30 957 7062

E-mail: info@pls.hu • Website: www.pls.hu