

XPRESS *Colour Scroller*





The LDR Xpress is designed to be the most reliable DMX controlled colour scroller on the market.

Three differently sized models suit both the complete LDR range and all other small, medium and large luminaires.

Handling from 2 to 16 colours, the innovative mounting system allows fast, easy access and loading of the gel string.

Two DC Servo motors control the position of the gel string.

These are operated simultaneously to provide torque which enables fast, smooth, quiet and accurate positioning of the colour filter.

Tension on the filter is also maintained at the optimum level.

The unit is delivered with a standard colour string manufactured from high quality LEE filter.

XPRESS



XPRESS

standard gel strings



XPRESS 12 16 colours

- 01 256 Half Hampshire Frost
- 02 130 Clear
- 03 176 Loving Amber
- 04 020 Medium Amber
- 05 101 Yellow
- 06 179 Chrome Orange
- 07 128 Bright Pink
- 08 048 Rose Purple
- 09 026 Bright Red
- 10 192 Fresh Pink
- 11 126 Mauve
- 12 115 Peacock Blue
- 13 089 Moss Green
- 14 119 Dark Blue
- 15 181 Congo Blue
- 16 201 Full C.T. Blue

XPRESS 18 16 colours

- 01 256 Half Hampshire Frost
- 02 130 Clear
- 03 176 Loving Amber
- 04 020 Medium Amber
- 05 101 Yellow
- 06 179 Chrome Orange
- 07 128 Bright Pink
- 08 048 Rose Purple
- 09 026 Bright Red
- 10 192 Fresh Pink
- 11 126 Mauve
- 12 115 Peacock Blue
- 13 089 Moss Green
- 14 119 Dark Blue
- 15 181 Congo Blue
- 16 201 Full C.T. Blue

XPRESS 25 11 colours

- 01 130 Clear
- 02 101 Yellow
- 03 179 Chrome Orange
- 04 192 Fresh Pink
- 05 164 Flame Red
- 06 113 Magenta
- 07 122 Fern Green
- 08 124 Dark Orange
- 09 118 Light Blue
- 10 068 Sky Blue
- 11 170 Deep Lavender



The standard colour string is assembled using LEE filter gel. Custom gel strings are available on request.

XPRESS

colour filter size



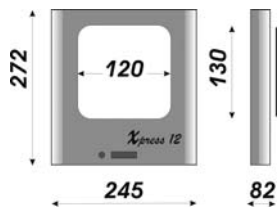
Model	Colour filter size (mm)	
	Filter n° 1 & 16	Filter from n° 2 to 15
XPRESS 12	420 (W) x 130 (H)	240 (W) x 130 (H)
XPRESS 18	505 (W) x 197 (H)	315 (W) x 197 (H)
XPRESS 25	Filter n° 1 & 11	Filter from n° 2 to 10
	575 (W) x 262 (H)	385 (W) x 262 (H)

Xpress 12

Cod. 20106003

Xpress weight 1,7Kg
Packed weight 2,0Kg

Packed volume 0,01 m³



Product specifications

The Xpress 12 is an extremely compact version, ideal for use with the 500/650W LDR fixtures (150 x 150mm colour frame) or any luminaire with a front aperture up to 125mm. The Xpress 12 is delivered with 16-colour LEE filter gel string, a 160 x 160mm rear mounting plate and steel safety bond. Contact your dealer for further details on fixture compatibility and available mounting plates.

Accessories

- cod. 20106080 PDU 8 power distribution unit for 8 scrollers
- cod. 20106020 PDU 1 power distribution unit for 1/2 scrollers
- cod. 20600002 mounting plate 125 x 125mm
- cod. 20600003 mounting plate 150 x 150mm
- cod. 20610003 DMX XLR-4pin cable 3m
- cod. 20610005 DMX XLR-4pin cable 5m
- cod. 20610010 DMX XLR-4pin cable 10m
- cod. 20620003 spare gel string Xpress 12

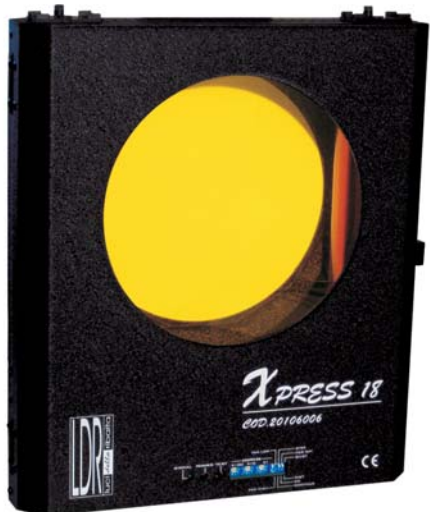
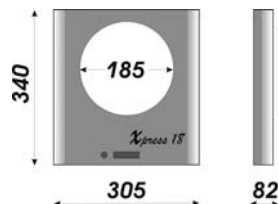
*Custom gel strings are available on request.

Xpress 18

Cod. 20106006

Xpress weight 2,3Kg
Packed weight 2,8Kg

Packed volume 0,015 m³



Product specifications

The Xpress 18 is ideal for use with the 650/1200W LDR fixtures (185 x 185mm colour frame) or any luminaire with a front aperture up to 185mm. The Xpress 18 is delivered with 16-colour LEE filter gel string, a 253 x 253mm rear mounting plate and steel safety bond. Contact your dealer for further details on fixture compatibility and available mounting plates.

Accessories

- cod. 20106080 PDU 8 power distribution unit for 8 scrollers
- cod. 20106020 PDU 1 power distribution unit for 1/2 scrollers
- cod. 20600006 mounting plate 185 x 185mm
- cod. 20610003 DMX XLR-4pin cable 3m
- cod. 20610005 DMX XLR-4pin cable 5m
- cod. 20610010 DMX XLR-4pin cable 10m
- cod. 20620006 spare gel string Xpress 18

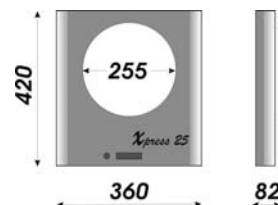
*Custom gel strings are available on request.

Xpress 25

Cod. 20106007

Xpress weight 2,8Kg
Packed weight 3,4Kg

Packed volume 0,02 m³



Product specifications

The Xpress 25 is ideal for use with the 1200/2000W LDR fixtures (245 x 245mm colour frame) or any luminaire with a front aperture up to 250mm. The Xpress 25 is delivered with 11-colour LEE filter gel string, a 313 x 313mm rear mounting plate and steel safety bond. Contact your dealer for further details on fixture compatibility and available mounting plates.

Accessories

- cod. 20106080 PDU 8 power distribution unit for 8 scrollers
- cod. 20106020 PDU 1 power distribution unit for 1/2 scrollers
- cod. 20600007 mounting plate 245 x 245mm
- cod. 20610003 DMX XLR-4pin cable 3m
- cod. 20610005 DMX XLR-4pin cable 5m
- cod. 20610010 DMX XLR-4pin cable 10m
- cod. 20620007 spare gel string Xpress 25

*Custom gel strings are available on request.

Mechanical Data

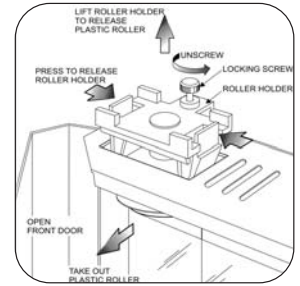
Construction	The housing of the Xpress Colour Scroller is made of sturdy aluminium to reduce weight
Paint finish	Black Epoxy Powder Coating
Front aperture	130mm (H) x 120mm (W) Xpress 12
Mounting plate	160 x 160mm included with scroller - various mounting plates are available to fit a wide variety of fixtures
Safety cable	60cm safety cable is included

Electric data

Current requirement	24 V DC
Power consumption	0.9 A

Operational Data

Gel string capacity	16 frames
Gel string movement	Continuous, step and auto trace mode
Scroll speed	Variable from 1.2 to 20 sec
Gel string cooling system	Single fan with variable speed (standard and quiet)
Motor	2 DC servo motors directly fixed to the rollers (NO GEAR BOX)
DMX/power in	XLR 4-pin male - DMX 512 and 24V DC power
DMX/power out	XLR 4-pin female - DMX 512 and 24V DC power
Daisy chaining	From 2 to 8 units per power distribution unit
LED status indicators	Red - power. Green - DMX/warning
DMX channels	1 channel - selectable from 1-512 using rotary switches
Operational modes	5 - selectable using DIP switches



Mechanical Data

Construction	The housing of the Xpress Colour Scroller is made of sturdy aluminium to reduce weight
Paint finish	Black Epoxy Powder Coating
Front aperture	Ø 185mm
Mounting plate	253 x 253mm included with scroller - various mounting plates are available to fit a wide variety of fixtures
Safety cable	60cm safety cable is included

Electric data

Current requirement	24 V DC
Power consumption	0.9 A

Operational Data

Gel string capacity	16 frames
Gel string movement	Continuous, step and auto trace mode
Scroll speed	Variable from 1.5 to 20 sec
Gel string cooling system	Single fan with variable speed (standard and quiet)
Motor	2 DC servo motor directly fixed to the rollers (NO GEAR BOX)
DMX/power in	XLR 4-pin male - DMX 512 and 24V DC power
DMX/power out	XLR 4-pin female - DMX 512 and 24V DC power
Daisy chaining	From 2 to 8 units per power distribution unit
LED status indicators	Red - power. Green - DMX/warning
DMX channels	1 channel - selectable from 1-512 using rotary switches
Operational modes	5 - selectable using DIP switches

Mechanical Data

Construction	The housing of the Xpress Colour Scroller is made of sturdy aluminium to reduce weight
Paint finish	Black Epoxy Powder Coating
Front aperture	Ø 254mm
Mounting plate	313 x 313mm included with scroller - various mounting plates are available to fit a wide variety of fixtures
Safety cable	60cm safety cable is included

Electric data

Current requirement	24 V DC
Power consumption	0.9 A

Operational Data

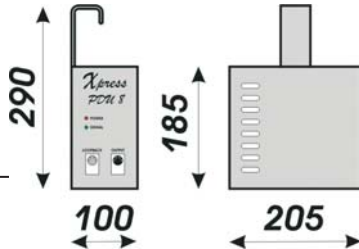
Gel string capacity	11 frames
Gel string movement	Continuous, step and auto trace mode
Scroll speed	Variable from 1.8 to 20 sec
Gel string cooling system	Double fan with variable speed (standard and quiet)
Motor	2 DC servo motor directly fixed to the rollers (NO GEAR BOX)
DMX/power in	XLR 4-pin male - DMX 512 and 24V DC power
DMX/power out	XLR 4-pin female - DMX 512 and 24V DC power
Daisy chaining	From 2 to 8 units per power distribution unit
LED status indicators	Red - power. Green - DMX/warning
DMX channels	1 channel - selectable from 1-512 using rotary switches
Operational modes	5 - selectable using DIP switches



PDU8
Cod. 20106080



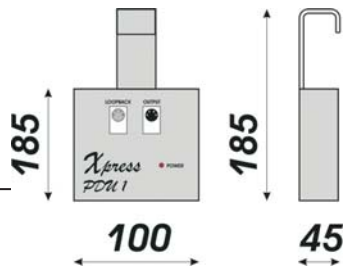
Weight 5,3Kg
Packed weight 7,0Kg



PDU1
Cod.20106020



Weight 1Kg
Packed weight 2Kg



PDU Power Distribution Unit

Product specifications

The PDU distributes DC power (24V) and the DMX data signal through the XLR4-pins female to a maximum of 8 Xpress Colour Scrollers.
The DMX signal can be daisy-chained from the PDU to any other DMX device.
There are two types of Power Distribution Units:

- PDU 8** cod. 20106080 power distribution unit for 1 to 8 scrollers
- PDU 1&2** cod. 20106020 power distribution unit for 1&2 scrollers

The PDU is delivered with a hook clamp, CEE22 power cord and steel safety bond.

Mechanical Data

Construction	The housing of the PDU is made of sturdy aluminium to reduce weight
Paint finish	Black Epoxy Powder Coating
Mounting	Using custom hook clamp (supplied)
Safety cable	60cm safety cable is included

Electric data

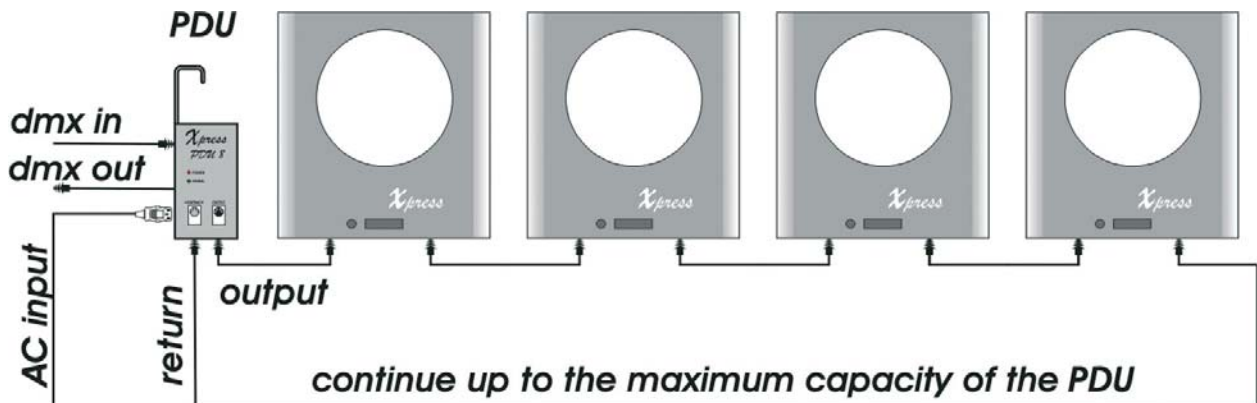
Power Input	210-240V 50/60Hz (90-120V selectable) via IEC power cord (supplied)
Power consumption	200W max
Fuse rating	1,6 A/230V - 3,15A/120V

Operational Data

DMX input to PDU	XLR 5-pin male
DMX/Power output to scroller	XLR 4-pin female - DMX 512+24Volt
DMX daisy chaining	Yes, through XLR 5-pin male from PDU to any other standard DMX device
LED status indicator	Red - power. Green - DMX/warning
DMX channels	1 per scroller - selected on the scroller

Cables

A range of high-quality cables featuring Neutrik XLR4-pin connectors is available in different lengths.



Xpress
control



The Xpress control is an easy to use dedicated control desk designed for operating up to 10 groups of Xpress colour scrollers.



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