

Mechanical specifications

Construction	sturdy steel aluminium housing
Paint/Finish	black epoxy powder paint
Mounting	using built-in hook clamp, supplied
Safety cable	60cm / 23.62in, built-in

Electrical specifications

Power input	230V or 115V selectable,
Power output	150 VA
Fuse rating	3A, 20mm (230V) ; 5A, 20mm (120V) slow blow
Standards Compliance	EN60598-1, EN60598-2-17, EN55103-1, EN55103-2, EN61000-3-2, Council Directive 73/23/EEC (Low voltage directive), CE marked
Isolating volt. rating	2500VRMS (60 sec.)
Power cord	CEE22 power cord, supplied

Features

RDM conformity	conforms to RDM E1.20-2006 standards (ANSI E1.20-2006 Entertainment Technology RDM Remote Device Management Over DMX512 Network)
XLR4F	output signal and DC power, to the scroller
XLR4M (loop)	loopback connector for output signal and DC power, to the scroller
XLR5M	signal in and feedback out, to the controller
XLR5F	connector for signal through, to next PDU
LED status indicators	available for power, working status, DMX and RDM signal transmission state
Working modes	Normal, Filter or Bypass, selectable by a 3-level switch
DMX signal/power cable	High quality shielded twist pair type cable featuring XLR-4 pin connectors
Compatibility (*)	PDU6M is compatible with traditional colour scroller systems and with other colour scroller systems based on RDM E1.20-2006. It can also operate the following models of scrollers: Spectra-Q, Chroma-Q, Color-Q, Roto-Q, Forerunner and Rainbow (*) please check with the manufacturer's specs on how many scrollers can be operated and on actual compatibility
Nett/packed weight	5,5 kg / 6,4 kg
Packing dimension	34x38x24h cm

Working modes

Normal	all types of input signals can be transmitted. Transmission relay time: 5 μ s (microseconds). Feedback signal available
Filter	only standard DMX512 signal can be transmitted. Relay time: 280 μ s (microseconds)
Bypass	all types of input signals can be transmitted. No feedback signal available

Related equipment

Xpress control software, based on PC	
USB-DMX converter box	
Xpress colour scrollers,	XP12, XP18, XP25, XP13, XP19, XP26, XP13 RDM, XP19RDM, XP26 RDM
Signal amplifiers	IDA6FM, IDA6RM, IDA12RM, RDM compliant

Accessories

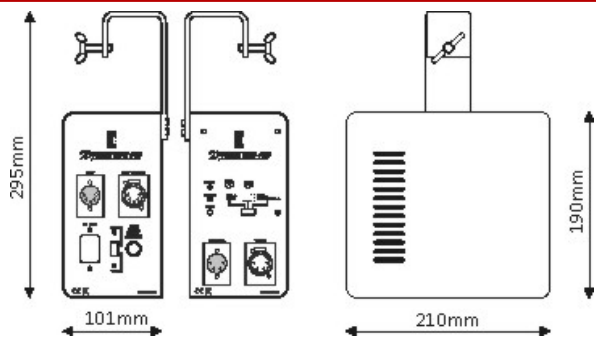
20610003	DMX XLR-4pin cable 3m
20610005	DMX XLR-4pin cable 5m
20610010	DMX XLR-4pin cable 10m
20610015	DMX XLR-4pin cable 15m
20610020	DMX XLR-4pin cable 20m
20610025	DMX XLR-4pin cable 25m

* cables in custom lengths are available on request

PDU 6M

DMX/RDM signal and power supply unit for Xpress scrollers

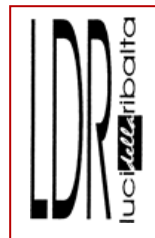
part number : 20106260



DMX512 / RDM signal and power supply unit for the control of the LDR Xpress range of colour scrollers and most other scrollers on the market.

Depending on the scroller's features, each PDU 6M can control up to 4, 6 or 8 units, and can be daisy-chained in chains of up to 32 sets.

Standard delivery includes built-in hook clamp and safety bond plus CEE22/Schuko power cord



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