

ProPlex[®]

DATA DISTRIBUTION

Opto-Splitters

DMX512 optically isolated
splitter/repeaters

High-performance, tour-grade signal management solutions!

- Shock-mounted circuitry. Designed for extreme conditions and temperatures.
- ProPlex “Blue Box” enclosures – RackMount and PortableMount Mini.
- Neutrik[™] connectors: Locking PowerCON mains and XLR.
- Designed and built for working professionals in entertainment production.



Opto-Splitter 2x8

- Two DMX512 inputs individually switchable to up to 8 outputs.
- DMX regeneration feature ensures compatibility between DMX devices.
- Available with all 5-pin XLR connectors or as a 3/5-pin combo unit.
- 2x8 RDM now available with RDM defeat switch on each input!



Opto-Splitter 2x10 RDM

- Two DMX512 inputs, each with DMX Thru, individually switchable to up to 10 isolated outputs.
- Full RDM functionality. RDM defeat switch on each input!



Opto-Splitter Mini

- One DMX input, 4 or 5 isolated outputs; DMX Thru on RDM models.
- Compact, durable Mini “Blue Box” tour-ready enclosure.
- For desktop use, or optional yoke for truss mounting.
- RackMount kits available, for single or double units.
- Full RDM functionality depending on model.
- Now available: DMX-only, RDM, and RDM Wireless!

Worldwide Exclusive Distribution

Innovative, Performance-Driven Show Technology Since 1983

tmb.com

Los Angeles

London

New York

Beijing

Toronto

+1 818-899-8818

+44 (0)20-8574-9700

+1 201-896-8600

+86 10-8492-1587

+1 519-538-0888



Technical Specifications

Model	Opto-Splitter 2x8	Opto-Splitter 2x8 RDM	Opto-Splitter 2x10 RDM
Part Number	PPDDS285	PPDDS285RR	PPDDS2105RR
DMX Inputs	2 XLR5 Male	2 XLR5 Male	2 XLR5 Male (back panel)
DMX Outputs	8 XLR5 Female	8 XLR5 Female	10 Isolated + 2 Thru XLR5 Female
DMX Signal	DMX-512A		
RDM	No	Yes	Yes, individually defeatable for each input.
Additional Features			DMX Termination switch for each input.
Signal Delay	Optional REGENERATION mode: 2µsec	REGENERATION mode: 2µsec	REGENERATION mode: 2µsec
In/Out/Out Isolation	Optical to 1000V		
Power	100-230 VAC, 50-60 Hz (consumption 15W)		
Mains Connector	Neutrik™ powerCON NAC3MPA		
Fuse	2A, 250V		
Cooling	Convection		
Operating Temperature	-4° to +104° F (-20° to +40° C)		
Operating Humidity	10 - 85%		
Unit Dimensions (WxHxD)	19 x 1.75 x 3.94 in (482.6 x 44.5 x 100 mm)	19 x 1.75 x 3.94 in (482.6 x 44.5 x 100 mm)	19 x 1.75 x 8 in (482.6 x 44.5 x 203 mm)
Unit Weight (unpacked)	3.3 lbs (1.5 kg)	3.3 lbs (1.5 kg)	5.5 lbs (2.5 kg)
Packed Dimensions (WxHxD)	20.5 x 3.3 x 7.25 in (521 x 84.5 x 184 mm)	20.5 x 3.3 x 7.25 in (521 x 84.5 x 184 mm)	20.5 x 3.5 x 10.6 in (522 x 89 x 269 mm)
Shipping Weight	3.7 lbs (1.7 kg)	3.7 lbs (1.7 kg)	6 lbs (2.7 kg)

Model	Opto-Splitter Mini DMX only	Opto-Splitter Mini RDM	Opto-Splitter Mini RDM Wireless
Part Number	PPDDS145MD	PPDDS145MR	PPDDS155PRW
DMX Inputs	1 XLR5 Male	1 XLR5 Male	1 XLR5 Male - CRMX Card
DMX Outputs	5 isolated	4 isolated + 1 Thru XLR5 Female	4 isolated + 1 Thru XLR5 Female
DMX Signal	DMX-512A		
RDM	No	Yes	Yes
Additional Features		DMX Termination Switch	CRMX Wireless Receiver; RDM On/Off Switch
Signal Delay	THRU mode: < 0.1µsec	REGENERATION mode: 2µsec	REGENERATION mode: 2µsec Wireless +5ms
In/Out/Out Isolation	Optical to 1000V		
Power	100-230 VAC, 50-60 Hz (consumption 15W)		
Mains Connector	Neutrik™ powerCON NAC3MPA		
Fuse	2A, 250V		
Cooling	Convection		
Operating Temperature	-4° to +104° F (-20° to +40° C)		
Operating Humidity	10 - 85%		
Unit Dimensions (WxHxD) w/ yoke	7.7 x 3.6 x 8.74 in (196 x 92 x 222 mm)	7.7 x 3.6 x 8.74 in (196 x 92 x 222 mm)	7.7 x 3.6 x 8.74 in (196 x 92 x 222 mm)
Unit Weight (unpacked)	4.7 lbs (2.1 kg)	4.7 lbs (2.1 kg)	4.7 lbs (2.1 kg)
Packed Dimensions (WxHxD)	11.8 x 4.2 x 9.4 in (300 x 106 x 240 mm)	11.8 x 4.2 x 9.4 in (300 x 106 x 240 mm)	11.8 x 4.2 x 9.4 in (300 x 106 x 240 mm)
Shipping Weight	5 lbs (2 kg)	5 lbs (2 kg)	5 lbs (2 kg)