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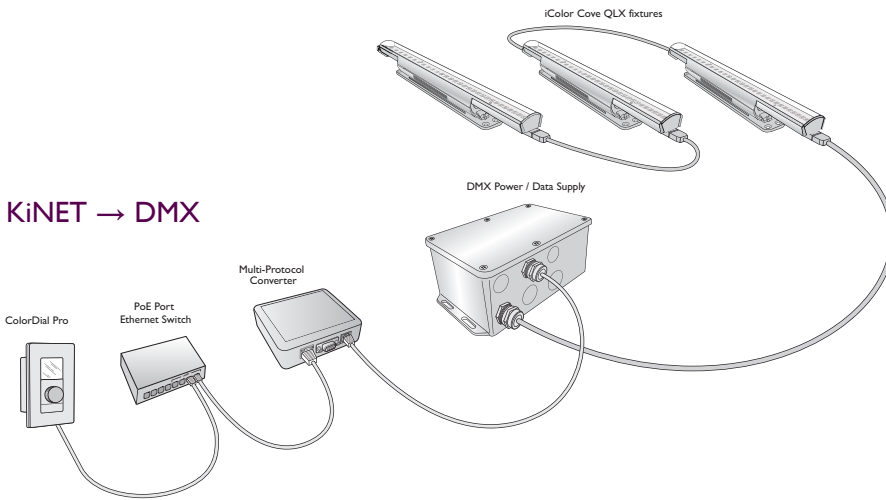
Multi-Protocol Converter

Compact lighting protocol converter

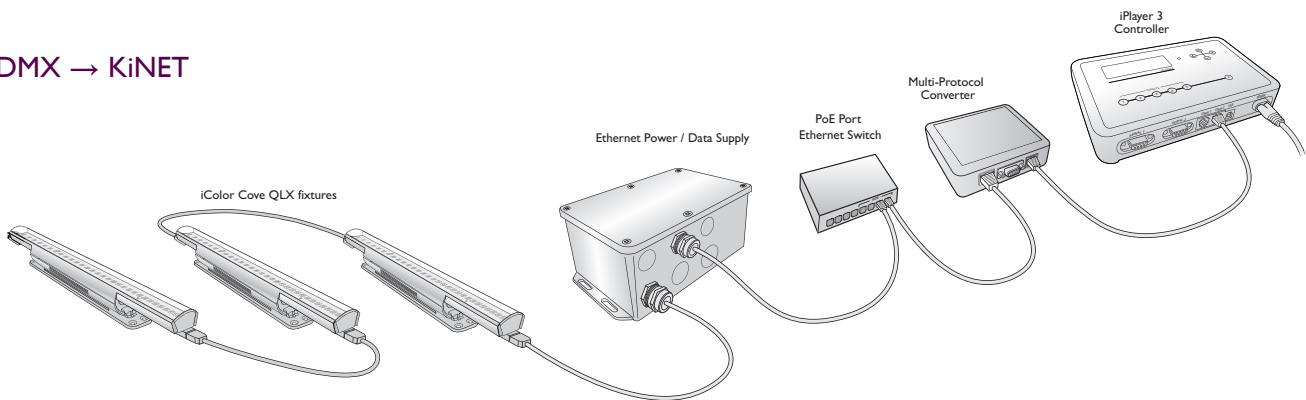
Multi-Protocol Converter is a compact device that performs a range of lighting protocol conversions, including KiNET, the Ethernet lighting protocol from Philips Color Kinetics, to DMX512, DMX512 to KiNET, and RS232 to KiNET. KiNET to DMX512 conversion lets you use DMX-based power / data supplies with any KiNET-based device, including ColorDial Pro, a wall-mounted lighting controller from Philips Color Kinetics, while RS232 to KiNET conversion lets you trigger KiNET-based devices such as Light System Manager with third-party controllers.

- Power over Ethernet for increased flexibility — The IEEE 802.3af standard for Power over Ethernet (PoE) enables both electrical power and data to be transmitted over a single twisted-pair cable. Shared cabling reduces installation costs, decreases the space required for wires, and affords freedom of placement by eliminating wiring to a power source. Multi-Protocol Converter works with the PoE-compliant switch or PoE injector offered by Philips Color Kinetics, or with any PoE-compliant switch or injector.
- Easy to use — Multi-Protocol Converter uses standard RJ45 connectors to connect to both DMX-based power / data supplies from Philips Color Kinetics and PoE-compliant switches.
- Ultra-compact design — Multi-Protocol Converter weighs .34 lbs (.15 kg) and has a form factor of 1.25 x 4.5 x 3.5 in (32 x 114 x 89 mm).
- Compatible with other PoE-compliant devices from Philips Color Kinetics — ColorDial Pro offers control of a complete DMX universe of 170 unique addresses, six onboard effects, and eight configurable scenes. Ethernet Controller Keypad remotely triggers scenes, adjusts fixture brightness from 0% – 100%, and turns connected fixtures on and off.

KiNET → DMX



DMX → KiNET



Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details
Control	Ethernet	10BASE-T from any PoE- or IEEE 802.3af-compliant Ethernet switch. PoE injector required for use with non-IEEE 802.3af-compliant switches
	Network Protocol	Bi-directional KiNET / DMX512 communication
Interface	Data Connector	RJ45 connectors for KiNET input and DMX512 output
	Dimensions (Height x Width x Depth)	1.25 x 4.5 x 3.5 in (32 x 114 x 89 mm)
Physical	Weight	.34 lbs (.15 kg)
	Operating Temperature	14° – 104° F (-10° – 40° C)
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certification	FCC Class A, CE
	Environment	Dry Location, IP40



Included in the box

- Multi-Protocol Converter
- Installation Instructions

* KiNET is the Ethernet lighting protocol from Philips Color Kinetics.

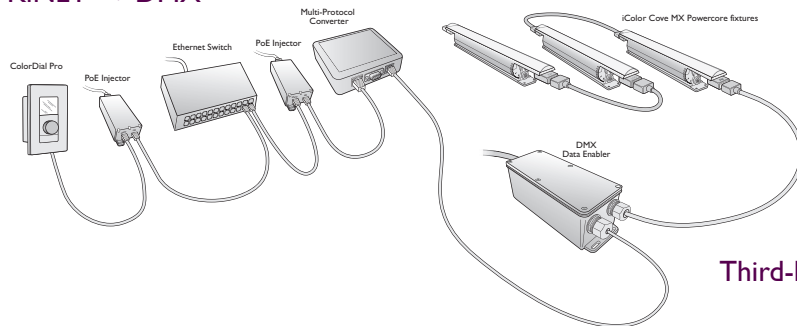


Controller and Accessories

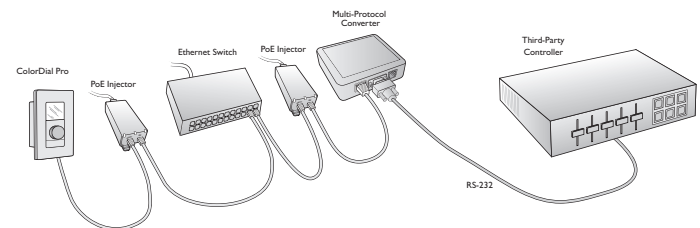
Item	Type	Item Number	Philips 12NC
Multi-Protocol Converter		104-000015-00	910503701414
Power over Ethernet Switch	4 Power over Ethernet ports, 8 ports total	120-000084-01	910503702557
Power over Ethernet Injector	North America Power Cord	109-000029-00	910503700383
	Europe Power Cord	109-000029-01	910503700384
XLR to RJ45 Adaptor	Data Cable Adaptor	104-000005-00	910503700061

Use Item Number when ordering in North America.

KiNET → DMX



Third-Party Controller → RS-232 → ColorDial Pro



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