

Open DMX Ethernet Mk2

RDM compliant DMX over Ethernet Gateway



General Information

- The ODE MK2 is a single port DMX/RDM to Ethernet node that can be used distribute and isolate DMX/RDM signals.
- The ODE can be configured using a web browser to be either an input or an output.
- The ODE MK2 fully complies to the RDM ANSI E1.20 standard.
- The ODE is compatible with Art-Net, sACN & ESP DMX over Ethernet protocols.
- PoE version supports 802.3af standard to provide power over Ethernet. **(PN 70406)** The ODE PoE Mk2 is not supplied with a DC PSU.

Applications

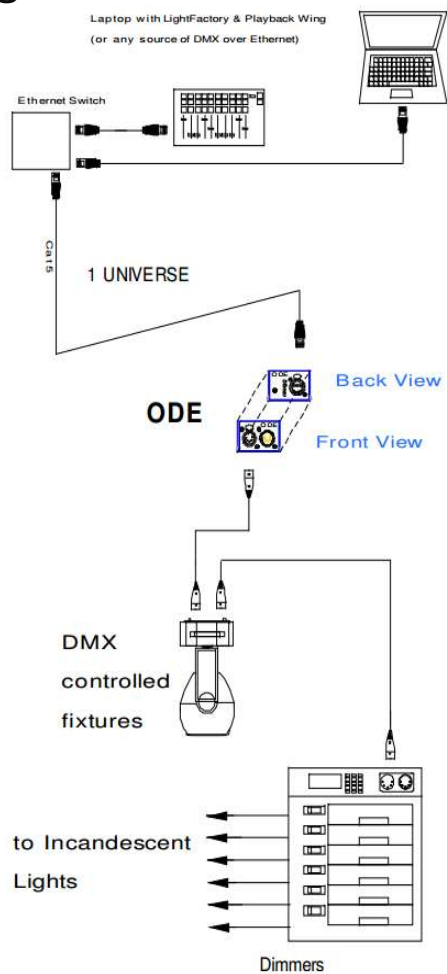
- Networked DMX Distribution
- Input for visualizers & media servers
- Architectural Installations
- Touring
- University/professional theatre venues
- Trade shows

Technical Specifications

Item	ODE Mk2 PN: 70405	ODE PoE Mk2 PN: 70406 PoE
PoE (802.3af) Support	N/A	Yes
DC PSU Included in the Packaging	Yes	No
Input Voltage	7.5V to 24V DC *	
Max. Power Draw	6W	
Max. Current Draw	800mA	
Output Type	DMX or Network	
Max Output Channels	1 Universe (512ch)	
Max. Merging Sources	2 from separate IP addresses	
Supported Protocols	ArtNet / sACN / DMX512A / RDM	
Connectors	RJ45 EtherCon Connection Male XLR5 Female XLR5 DC Jack	
Environment	0° -50°C in non-condensing environment	
Certifications	CE & FCC	

***Note:** 7.5V-24V input voltage range implemented from Serial Number **0050C20814A0** onwards (December 2019). Please check your Serial Number and artwork on your device for its input DC voltage.

Wiring Schematic



Note: if you plan to connect two ODE Mk2's together without entering a network switch, a crossover cable will be required.

Physical Details

Item	Value
Width:	130mm / 5.12"
Height	40mm / 1.58"
Depth	60mm / 2.36"
Weight	0.26 kg / 0.58 lbs
Shipped Weight	0.48 kg / 0.68 lbs

Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice. For the latest version of this document, visit the ENTTEC website.

Ordering Information

The ODE Mk2 / ODE PoE Mk2 and related products can be ordered from the ENTTEC website or through your ENTTEC dealer using the following part numbers.

SKU	Name
70405	ODE MK2
70406	ODE MK2 with PoE
70041	Truss Mounting Kit (not included)
70029	3-pin female to 5-pin male adapter
70030	5-pin female to 3-pin male adapter

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