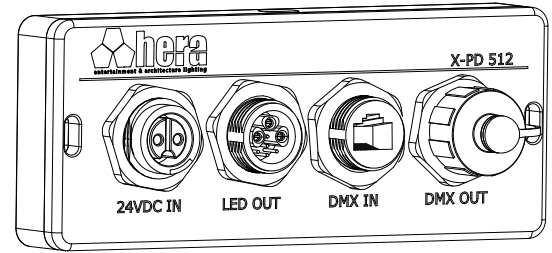## Explanation

X-PD 512 control device are designed control MPX Series pixel products via standard DMX 512 protocol. Energy and data is transmitted pixel dots with only one cable in output. It is used for assigning starting address and DMX personality features via RDM protocol supported software and hardware. It has solid CNC machined aluminum body. X-PD 512 has wall mount holes and M12 screw holes for wall mount. Thus it can be installed on truss via clamp. It has 24V IP68 class input, LEDs output and DMX in/out connectors.

• It communicates with other fixtures by standard DMX 512 and RDM protocols without requirements of any special communication protocols or production identity. It can be addressed remotely as a group. By courtesy of this feature pixel mapping and addressing are easier.

• MPX series dots can be adjusted to work in different options via DMX Personality. Many parameter can be controlled remotely such RGB, RGBW, RGB + smart white algorithm with allow systems using 3 channels signal to control 4 colors per pixel or LEDs on pixel resolution (8bit or 14bit).

• Working status of fixtures, local temperature values, voltage input and output, serial number and DMX address can be monitored. User is informed by mail and system can response automatically according to data.

• It supplies power from 24VDC external power supply.

• Fixtures work compatibly with Madrix® software and hardware. You can choose fixtures in library in order to have easy pixel mapping.

• X-PD 512 has wall mount holes and M12 screw holes for wall mount. Thus it can be installed on truss via clamp.

• It has aluminum sheet metal with powder finishing body.

• Power packs are produced in RAL9005 black color and have black iron screws but according to customers' demand fixture can be painted to different RAL colors.

Product Specifications

Model	
Power Input:	24VDC
Power Connections:	2 Pin IP68 Waterproof Connector
LEDs Out:	Power&Data
LEDs Out Connections:	3+5 Pin IP68 Waterproof Connector
Control Interface:	USITT DMX 512 A
Interface Connections:	Ip68 RJ45 Waterproof Connector (DMX in & DMX out)
Addressing:	RDM (Group of Remote Addressable Systems)
Monitoring:	Voltage Monitoring,Temperature Monitoring, Status Monitoring,Power Cycle Monitoring, Lumen-Maintenance Life Monitoring
Type of Installation:	Wall Mount & M12 for Lighting Clamp
Screw and Mounting:	Black Iron
Environment:	Ip67, Ik10
Operating Temperature:	-40°C - 50°C - (-40° - 122° F)
Storage Temperature:	-40°C - 85°C - (-40°C - 185° F)
Housing:	Aluminium Extrusion Body
Dimensions (H x W x D):	21x154x62 mm (0.83x6x2.44 in)
Weight:	0.310 kg (0.686 lb)
Control Interface:	EU safety: EN 60950-1, EN 60950-22 EU EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3
	US safety: UL 60950-1, UL 60950-22 US EMC: FCC Part 15 Class A