

DATA SHEET

PX760
Gate 2 DMX RDM PoE

Device description

Gate 2 DMX RDM PoE device was created for 2-way converting Art-Net / sACN protocol into two DMX and DMX ports on Art-Net / sACN.

The gate is powered by PoE (Power over Ethernet) in the IEEE 802.3af standard, which allows to power the device via twisted-pair cable without using an external power supply while transmitting data, it is optionally powered by 48V DC. The device is protected by a metal casing that protects it against mechanical damage.

The gateway has two modes of merging signals from two sources: HTP and LTP. The protocol version is Art-Net4 (compatible with Art-Net 1 – 4).

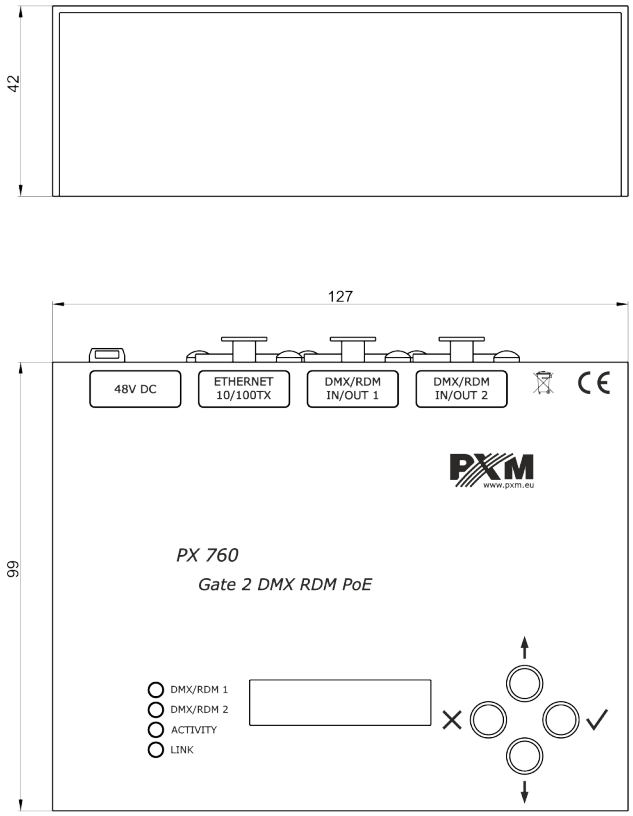
The device is equipped with two DMX / RDM ports working in IN / OUT modes and one Ethernet port operating in the 10 / 100BaseTX standard. DMX ports are XLR connectors that have optical and galvanic isolation and are resistant to mechanical damage.

On the front panel there are four LEDs installed, two two-color ones responsible for data transfer on DMX / RDM ports and two one-color ones informing about the status of the Art-Net / sACN network connection.

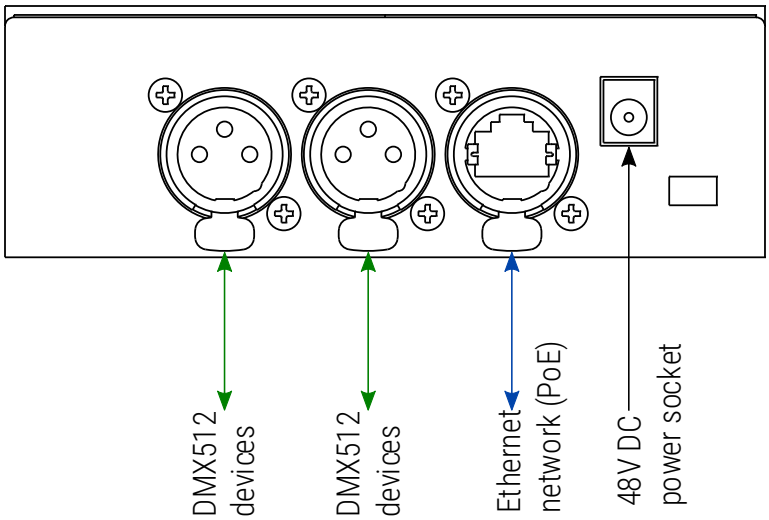
The gate PX760 has a display and four buttons that allows to change the configuration: Art-Net / sACN, Ethernet and DMX settings (such as: Brake, MAB, MBF and the number of DMX channels transmitted).

NOTE! sACN protocol support is available from software version 1.10.

Technical drawing



Connection diagram



Mounting systems

The PX760 can be suspended using the D357-H3 bracket



Technical data

type	PX760
DMX/RDM lines	2
DMX/RDM input	socket 3-pin or 5-pin Neutrik XLR
RDM protocol support	yes
bi-directional signal conversion	yes
optically isolated XLR connectors	yes
galvanic isolated XLR connectors	yes
Ethernet connector type	Neutrik etherCON
DHCP protocol support	yes
Art-Net version	Art-Net 1, 2, 3, 4
communication method:	Art-Net / sACN, display and buttons
firmware update	through Art-Net 4 protocol
default user presets	2 (2.x.x.x and 10.x.x.x)
indications mode	Normal, Mute, Identify
“No signal Art-Net” mode	yes (holding last value)
synchronous mode support	yes
dark mode (screensaver)	yes
user interface	2 x 16 LCD display, 4 x buttons, 2 bi-color diodes, 2 single-color diodes
power supply	PoE (Power over Ethernet IEEE 802.3af) or 48V DC (power adapter not included)

power consumption	3W
weight	0.3kg
dimensions	width: 127mm height: 42mm depth: 99mm

"Art-Net™ Designed by and Copyright Artistic Licence Holdings Ltd"