

## Device description

Gate 2 DMX RDM PoE device was created for 2-way converting Art-Net signal into two DMX512 and DMX512 ports on Art-Net.

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.

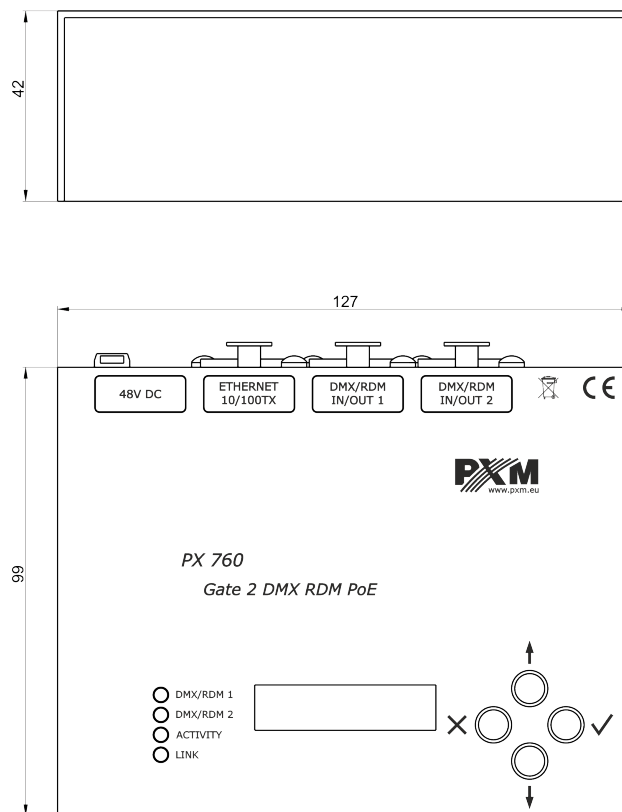
The gateway has two modes of merging signals from two sources: HTP and LTP. The protocol version is Art-Net4 (compatible with Art-Net 1 – 4).

The device is equipped with two DMX / RDM ports working in IN / OUT modes and one Ethernet port operating in the 10 / 100BaseTX standard. DMX512 ports are XLR connectors that have optical and galvanic isolation and are resistant to mechanical damage.

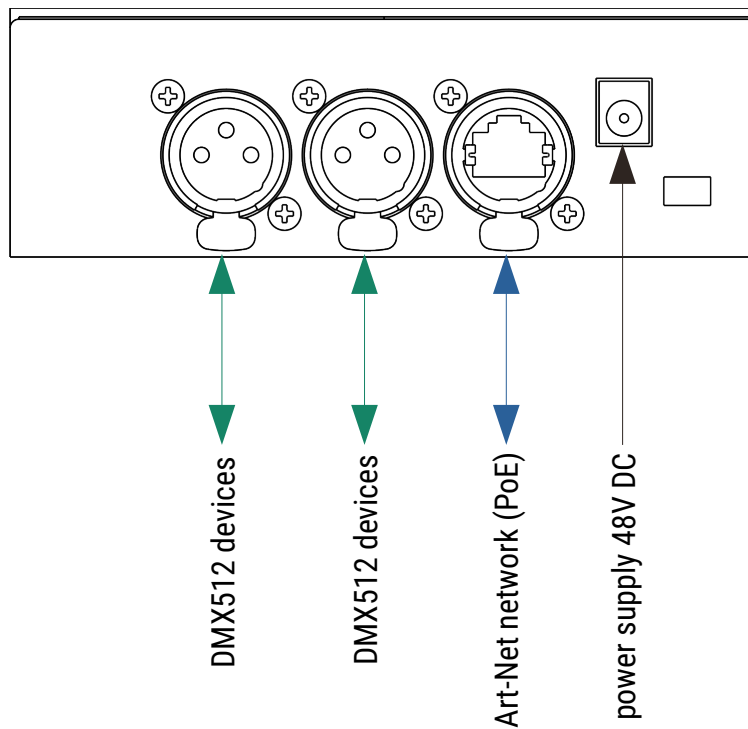
On the front panel there are four LEDs installed, two two-color ones responsible for data transfer on DMX / RDM ports and two one-color ones informing about the status of the Art-Net network connection.

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

## 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, 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

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