Device description

Gate 4 DMX RDM is a gate that converts Art-Net / sACN signals to four output DMX-RDM ports. From software version 1.01, the device also allows conversion of DMX512 signal to Art-Net / sACN. The device is designed do run from 230V AC mains. This gate has a solid, metal housing protecting against mechanical damage.
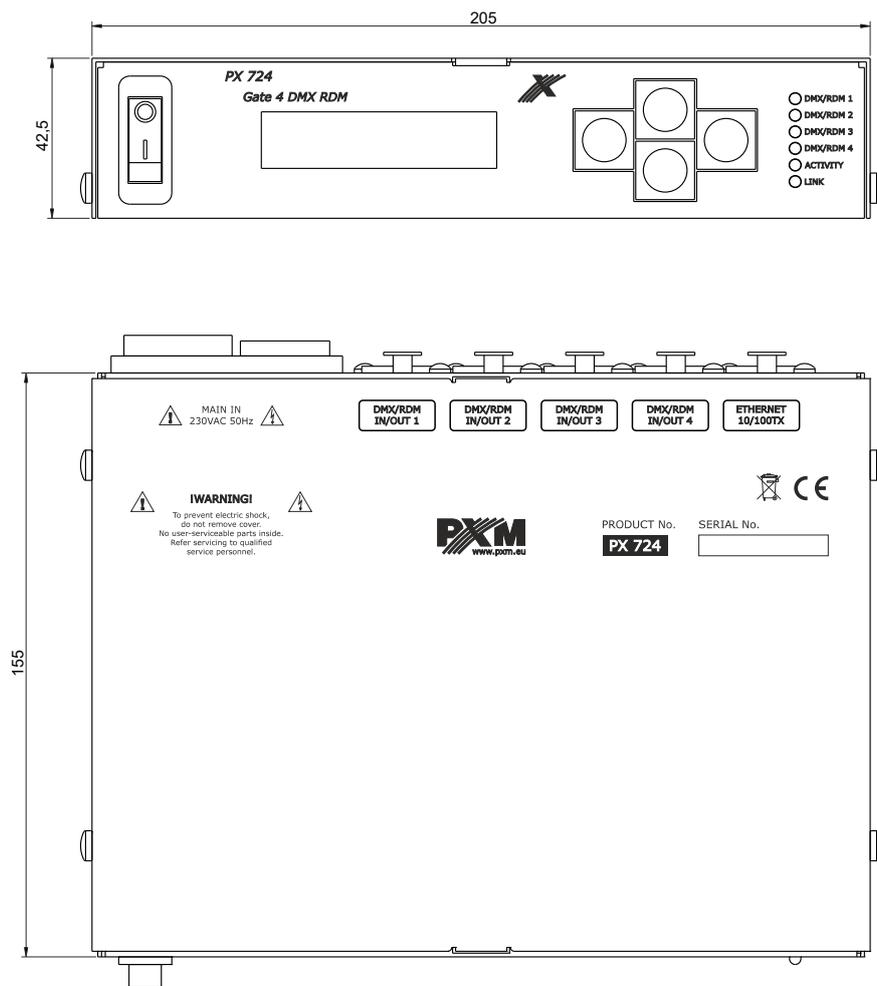
The device comes equipped with an Ethernet interface working in 10/100BaseTX protocol. The gate offers two modes of merging signals from two sources: HTP and LTP. The protocol version used is Art-Net 4 (compatible 1 – 4).

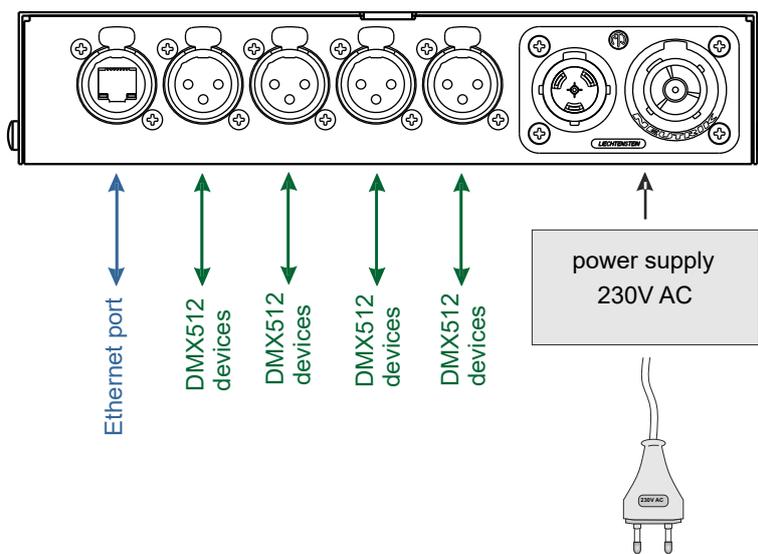The DMX512 ports are optically isolated XLR connectors, resistant to mechanical damage.

In addition, on the device there are six LED indicator lights: two network ones and four showing port's status.

The gate 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).

The user can order additional components to be shipped with the device, allowing for: installation of a single gate in a RACK cabinet, installation of two gates in a RACK cabinet, suspending a gate (e.g. from a truss).

Technical drawing

PX 724
Gate 4 DMX RDM

DMX/RDM 1
DMX/RDM 2
DMX/RDM 3
DMX/RDM 4
ACTIVITY
LINK

205

42,5

155

⚠ MAIN IN ⚠
230VAC 50Hz

| DMX/RDM IN/OUT 1 | DMX/RDM IN/OUT 2 | DMX/RDM IN/OUT 3 | DMX/RDM IN/OUT 4 | ETHERNET 10/100TX |

⚠ !WARNING! ⚠
To prevent electric shock,
do not remove cover.
No user-serviceable parts inside.
Refer servicing to qualified
service personnel.

PXM
www.pxm.eu

PRODUCT No.
PX 724

SERIAL No.

CE

Connection diagram

Ethernet port

DMX512 devices

DMX512 devices

DMX512 devices

DMX512 devices

power supply
230V AC

230V AC

PXM
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BDO register number 000005972

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CE

Rev.1-2
31.01.2023

type	PX724
DMX/RDM lines	4
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, 4 bi-color diodes, 2 single-color diodes
power supply	230V AC PowerCON TRUE1 Neutrik
power consumption	8W
weight	1.2kg
dimensions	width: 205mm height: 42,5mm depth: 155mm

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Mounting systems

D357-H1 (short and long side handle)	
D357-H2 (2 x short side handle and connector)	
D357-H3 (suspension bracket)	

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