DATA SHEET

PX736
DMX Splitter 2/10

Device description

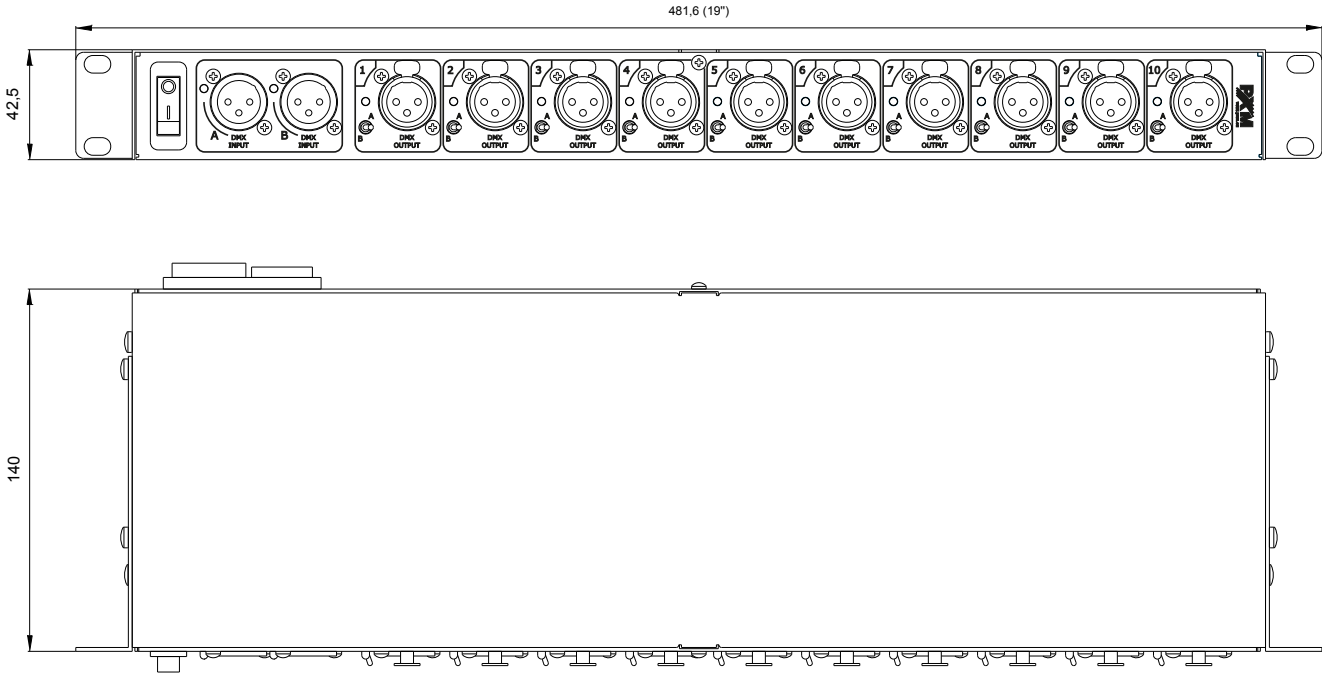
PX736 allows for providing branches in extensive DMX installations. Connecting in series multiple receivers in one line may be hard. Applying splitter in the topology allows to create branches on DMX line. Moreover, the PX736 will amplify and regenerate DMX signal, removing interference effects, as well as eliminating signal reflections on the line.

Using PX736 Splitter it is possible to split two DMX input signal into 10 independent branches. You can also assign either input (A or B) to each output, thus modifying the system topology.

Galvanic isolation is provided between individual outputs themselves as well as from the inputs, and the outputs are adequately amplified which ensure proper operation of the entire installation.

The PX736 Splitter is manufactured in a metal housing adapter for mounting in the RACK system and is powered by 230V AC mains voltage.

Technical drawing

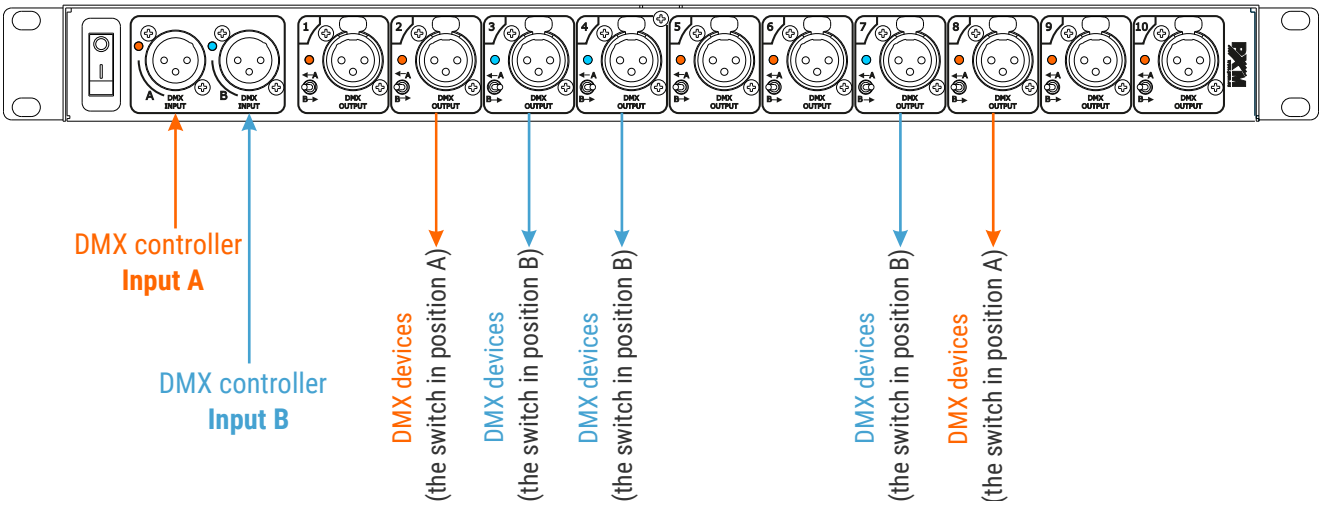


Connection diagram

Each of the ten outputs needs to be assigned a single input (A or B).

For example, for 7 outputs are assigned to input A, while 3 output to input B (example in the diagram below).

In order to select either input A or B, use the switches located next to the output.



Technical data

type	PX736
DMX INPUT / OUTPUT lines	2 / 10
signal regeneration	yes
DMX input selection	individually for each output
DMX line optical isolation	yes
overvoltage protection	yes
INPUT / OUTPUT insulation breakdown voltage	>1000V
type of DMX signal cable	shielded twisted pair cable
signal cable diameter	22 or 24 AWG
data cable impedance	120 Ω
max. length of a signal cable between devices	500m (for 22 AWG) or 300m (for 24 AWG)
max. number of devices on a single DMX output line	32
DMX output	socket 3-pin XLR or 5-pin XLR
power supply connector	PowerCON TRUE1 Neutrik
power supply	230V AC
power consumption	10W
weight	2kg
dimensions	width: 481,6mm (19”) height: 42,5mm depth: 140mm