

Splitter DMX 1/6



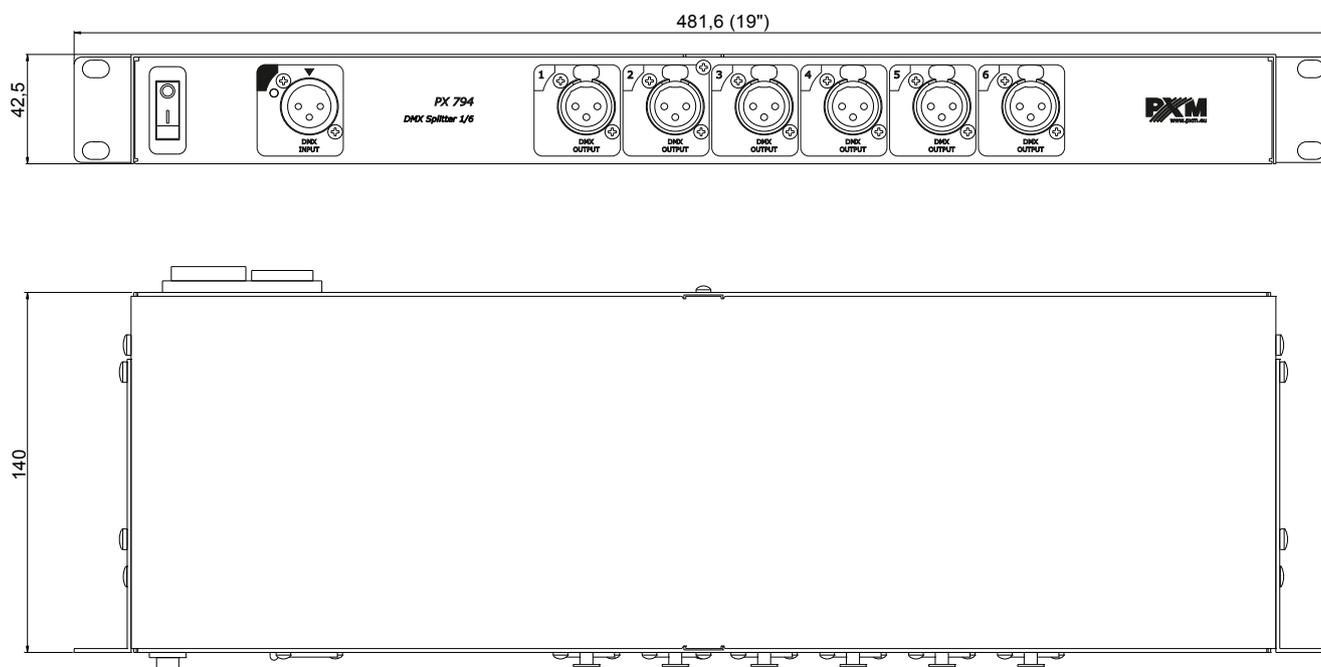
Device description

DMX signal splitter allows 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 PX794 will amplify and regenerate DMX signals, removing interference effects, as well as eliminating signal reflections on the line.

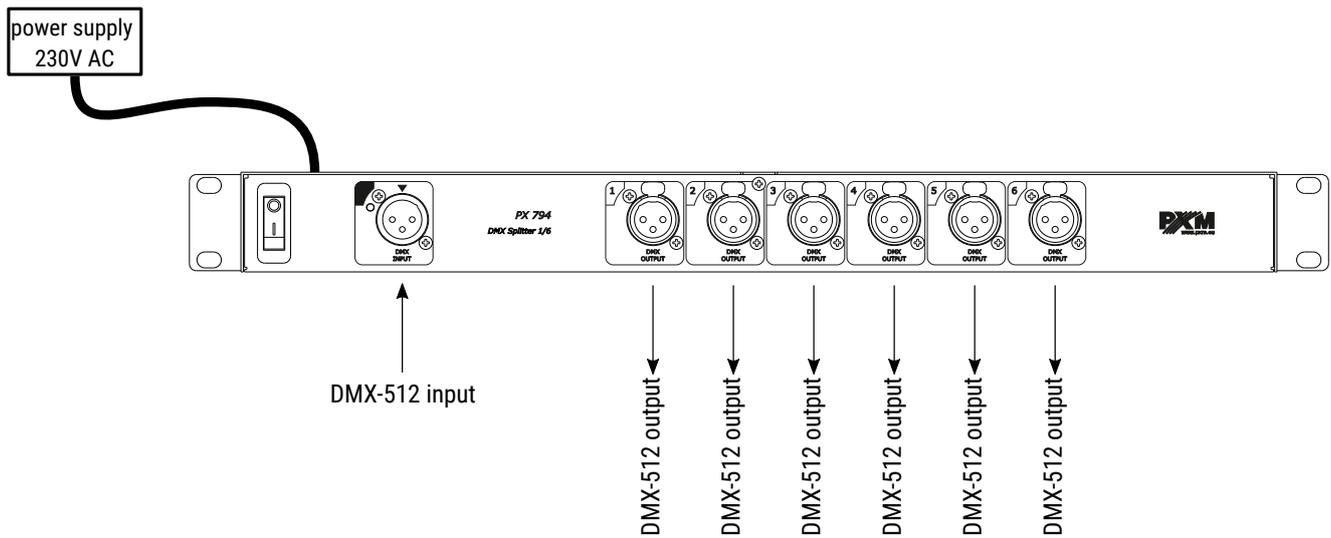
Using the PX794, you can split DMX input signal into 6 independent branches. Galvanic isolation is provided between individual outputs themselves as well as from the inputs, and the outputs are adequately amplified, which ensure proper operation of the entire installation.

The splitter is produced in a metal housing in the RACK system and is powered by 230V AC.

Technical drawing



Connection diagram



Technical data

type	PX794
DMX input / output lines	1 / 6
DMX line optical isolation	yes
overvoltage protection	yes
input / output insulation breakdown voltage	>1000V
DMX signal cable type	shielded twisted pair
data cable gauge	22 or 24 AWG
data cable impedance	120 Ω
max. length of a signal cable between devices	500 (for 22 AWG) or 300m (for 24 AWG)
max. number of devices on a single DMX output line	32
DMX output	3-pin locking XLR or 5-pin locking XLR
power supply connector	PowerCON TRUE1 Neutrik
mounting	in a RACK system
power supply	230V AC
power consumption	5W
weight	1.9kg
dimensions	width: 481,6mm (19") height: 42,5mm depth: 140mm