PiXiMo 6700
LED Driver
6 x 700 mA / 48 V

Product description

LED Driver 6x700 mA with built-in DMX-512 receiver.

Driver PX186 is designed to control the LEDs. This is the most advanced device of this type avaible in the offer of the PXM company. The PX186 is placed in a housing equipped with a color screen LCD. This allows to program and control of the operation of the device to run intuitively. DMX receiver allow to control 6 channels (e.g. 2 x RBG) directly using the DMX protocol. Wide power supply voltage range allows to activate quite large quantities of LEDs. In addition, the device uses overcurrent protection, temperature protection to prevent overheating of the driver and the DMX line surge protection.

The PX186 can be either controlled from DMX protocol, and act independently. In this case, the user is offered 8 fully programmable scenes and 8 programs. Both of them can also be abandatly changed and you can modify such setting like: the playback speed or fluidity changes in steps. Thanks to 16-bit resolution a control of parameters of each channel is completely smooth.
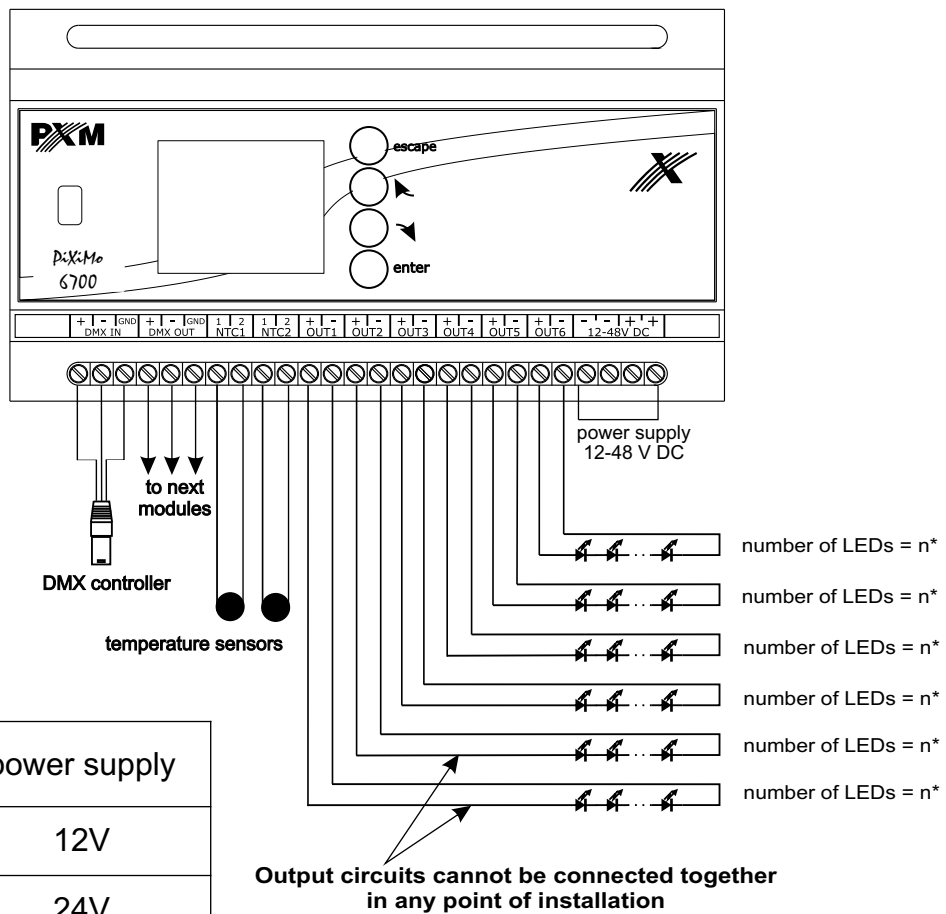
The driver has a built-in real time clock. It allows to set a time of switching on/off LED lamps what is particularly useful for advertising systems. Additionally, embedded astronomical clock option enables a configuration of daily start time and stop points of the driver work time in accordance with the astronomical sunrise and sunset.

The driver has the option to change the signal tuning frequency ("flicker free" technology), which makes it particularly useful in applications for the television industry. In addition, a USB input allows you to communicate with the computer. The PXM company has prepared software to set the parameters of the programs and driver scenes from a computer running under Microsoft Windows system.

Technical data

Type	PX186
DMX Channels	12-48V DC
Power Supply	1 (512 channels)
Total current consumption	1 (512 channels)
Number of output channels	6
Control accuracy	16 bit
Programmable Scenes	8
Number of programs	8
Output Load	700 mA
Output sockets	terminal blocks, USB
Master / Slave mode	YES
Real time clock	YES
Weight	0,36 kg
Dimensions	Width: 157,5 mm (9-modules) Height: 86 mm Depth: 60 mm

STAGE AND THEATER CONSOLES   DIGITAL DIMMERS   DMX SYSTEM   ARCHITECTURAL LIGHTING CONTROLLERS   LED LIGHTING

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Connection diagram

power supply
12-48 V DC

to next
modules

DMX controller

temperature sensors

number of LEDs = n*
number of LEDs = n*
number of LEDs = n*
number of LEDs = n*
number of LEDs = n*
number of LEDs = n*

**Output circuits cannot be connected together
in any point of installation**

*number of LEDs	power supply
1-3	12V
4-6	24V
7-12	48V

Dimensions - technical drawing

86 mm

157,5 mm

60 mm