PiXiMo 6350
LED driver
6 x 350 mA / 48 V

Product description

LED driver 6x350 mA with built-in DMX-512 receiver.

The PX252 driver is designed to control the LEDs. This is the most advanced device of this type available in the offer of the PXM company. The PX252 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 up to 6 channels (e.g. 2 x RBG) directly using the DMX protocol. Wide power supply voltage range allows to control 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 PX252 can be either controlled from DMX protocol or act independently. In second case, the user is offered 8 fully programmable scenes and 8 programs. Both of them can also be abundantly changed, where such setting like: the playback speed or fluidity changes in steps can be modified. Thanks to 16-bit resolution control of parameters of each channel is completely smooth.
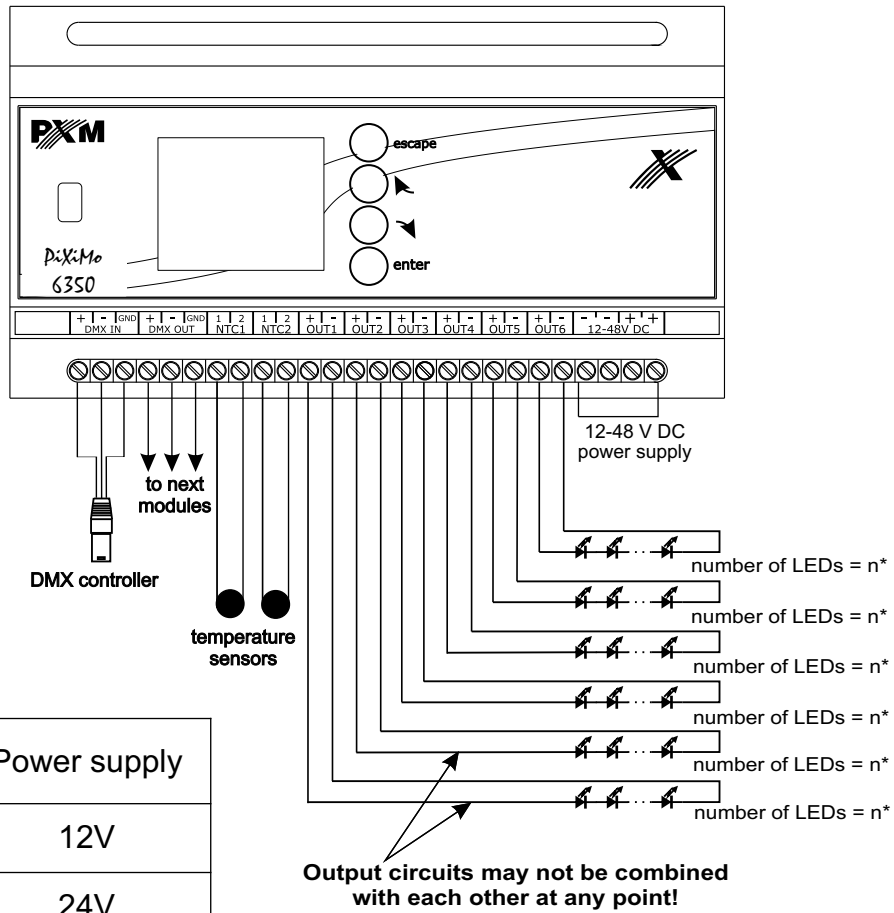
The driver has a built-in real time clock. It allows to set a time of switching on/off LED lamps what is particularly useful for advertising systems. Additionally, embedded astronomical clock option enables a configuration of daily start time and stop points of the driver work time in accordance with the astronomical sunrise and sunset.

The device 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	PX252
Power supply:	12-48V DC
DMX input:	1 (512 channels)
DMX output:	1 (512 channels)
Number of output channels:	6
Programmable scenes:	8
Number of programs:	8
Control accuracy:	16 bit
Output Load:	350 mA
Master / Slave mode:	YES
Output sockets:	terminal blocks, USB
Weight:	0,3 kg
Dimensions:	Width: 157,5 mm (9 DIN rail 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 scheme

12-48 V DC
power supply

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 may not be combined
with each other at any point!**

*Number of LEDs	Power supply
1-3	12V
4-6	24V
7-12	48V

Technical drawing

86 mm

157,5 mm

60 mm