PX252
Driver LED C.C.
6 x 350mA

Device description

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 RGB) directly using the DMX protocol.
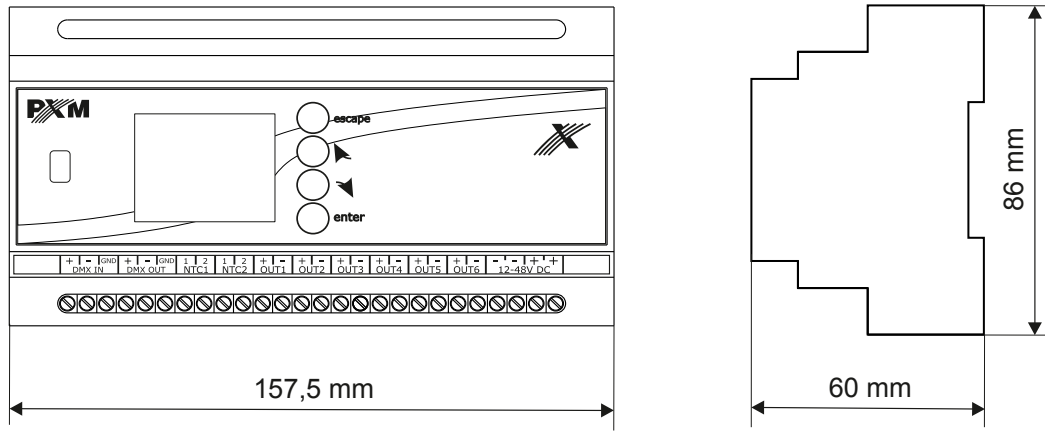
Wide power supply voltage range allows to control large quantities of LEDs. In addition, the device uses overcurrent protection, temperature protection to prevent overheating of the driver and the DMX line surge protection.

The PX252 can be either controlled from DMX protocol or act independently. In this case, the user have 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 channels is completely smooth.
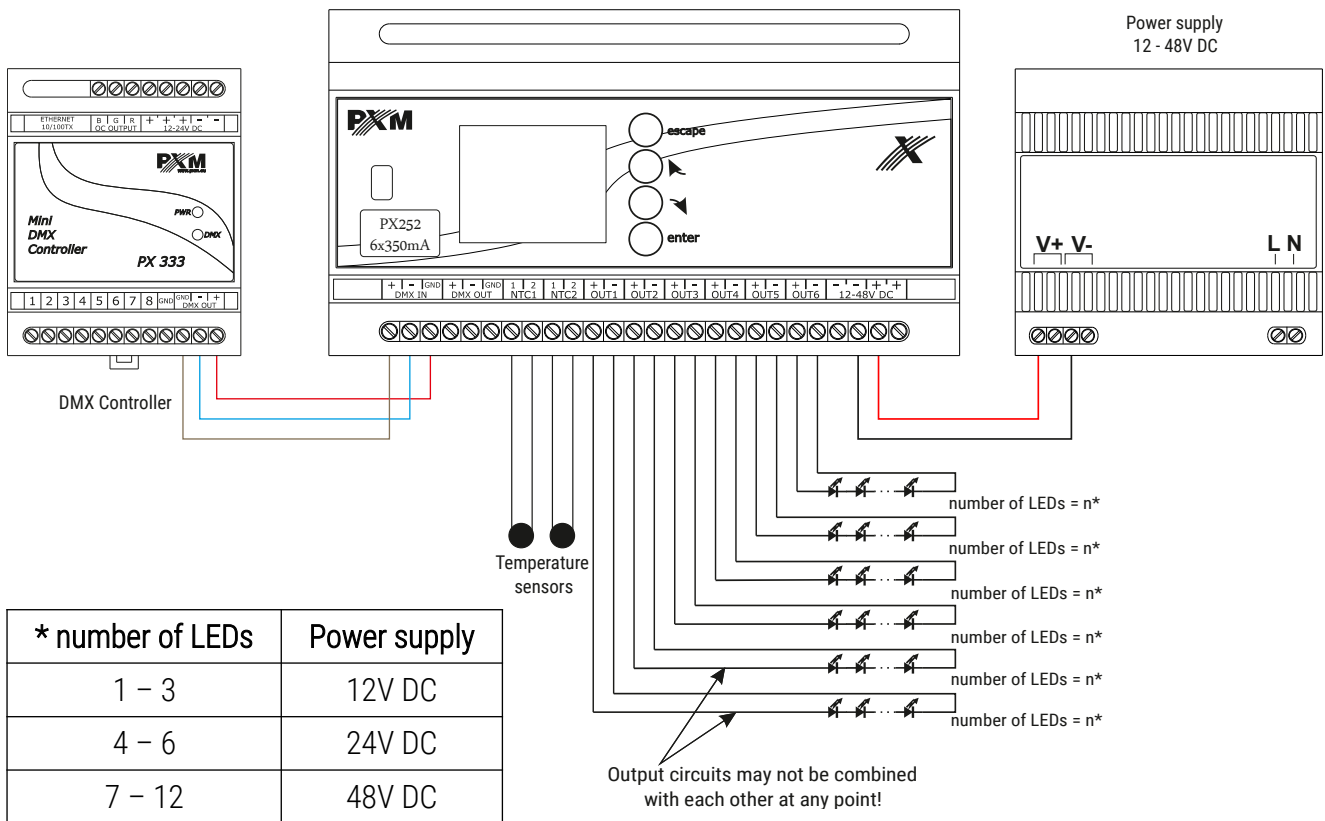
The driver has a built-in real time clock. It allows to set a time of switching on / off LED lamps what is particularly useful for advertising systems. In addition, the built-in astronomical clock option allows, based on information about the current date, geographical coordinates of the place of installation of the device (location) and settings relative to universal time (Greenwich UT) automatically determines the daily, time points of turning on and off the driver outputs according to astronomical sunrise and sunset times.

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 to communicate with the computer. PXM has prepared software that allows setting program and scene parameters on the driver from a PC with Windows®.

Technical drawing

157,5 mm

86 mm

60 mm

Connection diagram

Power supply
12 - 48V DC

PX252
6x350mA

Mini
DMX
Controller
PX 333

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 DC
4 – 6	24V DC
7 – 12	48V DC

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	350mA
MASTER / SLAVE mode	yes
output sockets	screw terminals, USB
weight	0.3kg
dimensions	width: 157,5mm (9 DIN rail modules) height: 86mm depth: 60mm