

DATA SHEET

PX987

DALI / DMX – Art-Net Interface

Device description

PX987 – DALI to DMX and Art-Net Signal Converter

The PX987 is an advanced interface designed to integrate lighting systems using the DALI protocol with installations controlled via DMX and Art-Net.

With the PX987, control signals transmitted via the DALI standard can be converted and used to control devices operating with DMX and Art-Net protocols. The converter provides a practical solution wherever different lighting control standards need to be integrated within a single installation.

The device is equipped with one DMX port and one DALI port.

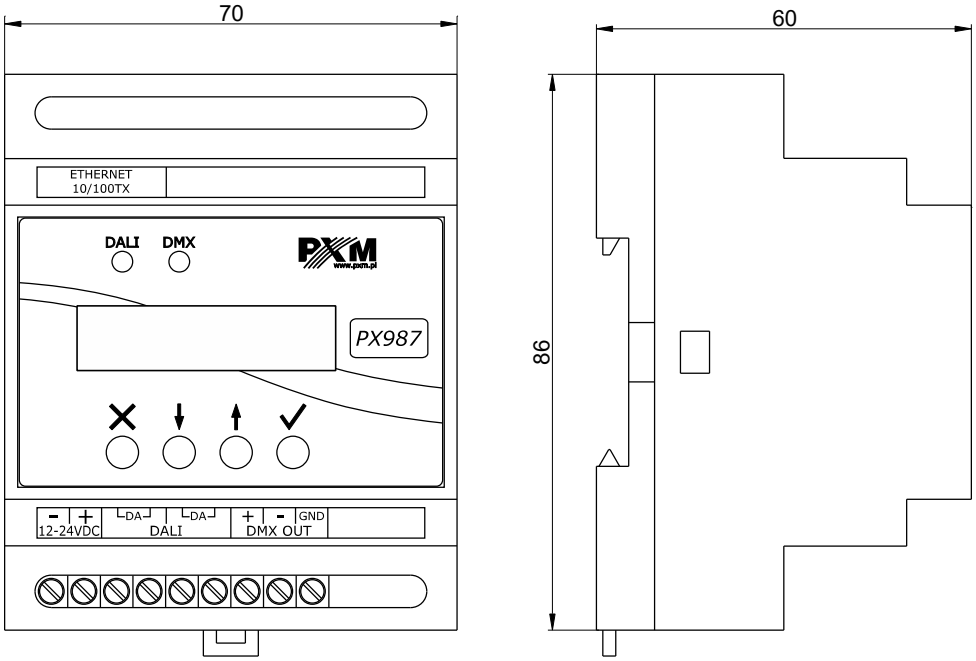
The PX987 can be configured and managed in two ways: using the buttons and display on the device enclosure or via the built-in web server, which provides convenient access to device parameters through a web browser. Available functions include:

- Scanning for devices connected to the DALI bus,
- Configuring DALI-to-DMX and DALI-to-Art-Net signal conversion parameters,
- Changing the device's network settings,
- Updating the firmware.

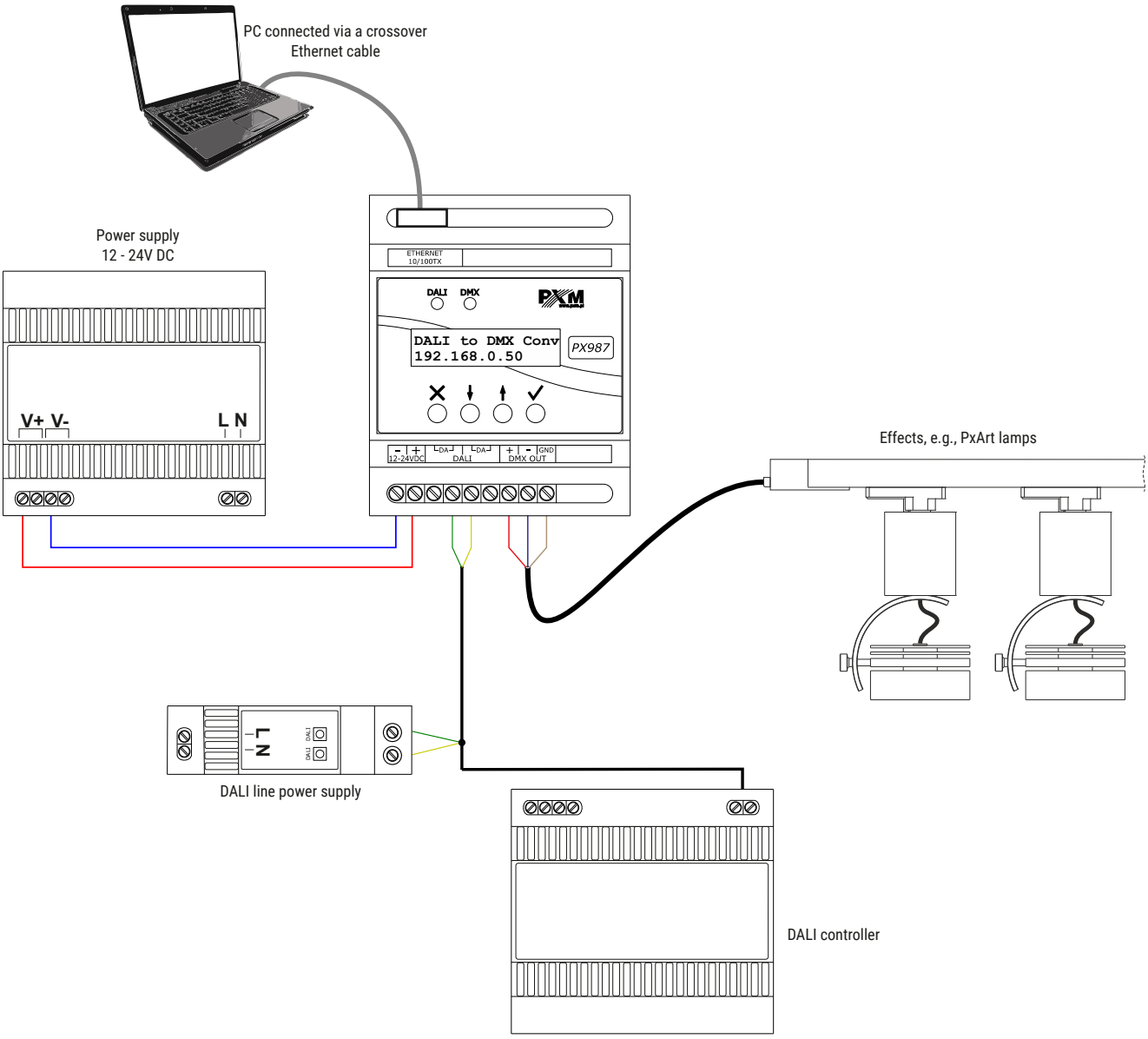
The converter is housed in a compact enclosure designed for mounting on a standard 35mm DIN rail. The device is powered by a safety extra-low voltage supply of 12 – 24V DC.

Please note that the DALI bus requires a separate, independent power supply.

Technical drawing



Connection diagram



Technical data

type	PX987
power supply	12 – 24V DC
power consumption	max. 1W
DMX input	1
DALI ports	1
Ethernet ports	1
DMX channels	512
supported ballasts	DT0 – DT8*
settings change protection (LCD / Web Server)	yes – PIN (6 digits)
APIPA support	yes
programming	LCD display 2 x 16 and 4 buttons Web Server
version of the DALI protocol	1.0
weight	0.15kg
dimensions	width: 70mm (4 DIN rail modules) height: 86mm depth: 60mm

* - DT8 only colour temperature

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