PX277

PxArt +
Settings
Controller

MANUAL

PXM®

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Manufacturer reserves the right to make modifications in order to improve device operation.

1. GENERAL DESCRIPTION

PX277 settings controller is used to change the operational parameters of devices manufactured by PXM and to read important information from these devices.
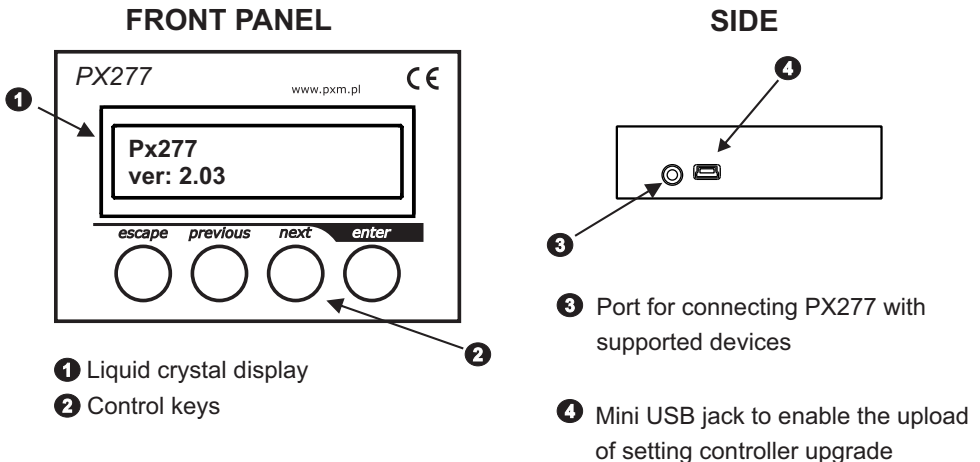
List of supported products:
- lamps of PxArt series for archive rail system: PX260, PX261 and PX262;
- wall-mounted lamps of PxArt+ series PX330, PX331, PX332;
- lamps of PxArt+ series adapted to the new rail system GLOBAL Trac$^®$ Pulse control: PX372, PX378, PX389, PX390, PX391, PX392, PX393;
- speaker of PxArt+ series adapted to the new rail system GLOBAL Trac$^®$ Pulse control: PX348;
- inverter of DMX to 0-10 V: PX385.

2. SAFETY CONDITIONS

During the use of PX277, the following rules must be strictly observed:

1. The conductor should be protected against mechanical and thermal damage.
2. In the event of damaging the conductor, it should be replaced with a conductor of the same technical data.
3. The device is for indoor use only.
4. PX277 should be strictly protected against contact with water and other liquids.
5. Avoid sudden shocks, particularly dropping.
6. Do not operate the device in rooms with humidity above 90%.
7. The device must not be used in rooms with temperature below +2 °C or above 40 °C.
8. Clean with a damp duster only, do not use any detergents.

3. CONTROLLER DESCRIPTION

FRONT PANEL   SIDE

1 Liquid crystal display
2 Control keys

3 Port for connecting PX277 with supported devices

4 Mini USB jack to enable the upload of setting controller upgrade

4. TURNING THE DEVICE ON

When the device is activated, its name and version appear on the display and are presented for 2 seconds, for instance: [**Px277 ver: 2.03**]. Then, PX277 will start to search for the device to which it is connected [**Device searching**]. The first menu screen will display the information about the model of the searched device. Other sub-menus will depend on the model of the connected device. The programmer allows you to view information parameters and edit the device settings.
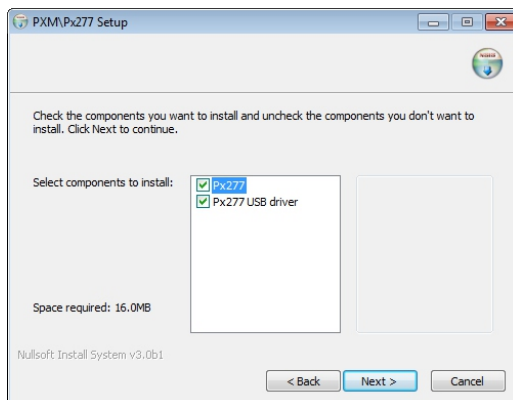
Navigating through the menu is possible with programmer buttons located below the display. The "escape" button allows an exit to the upper level in the device menu; "next" and "previous" buttons make it possible to go forward and backward (alternatively, decrease or increase value). The "enter" button allows you to enter the selected menu or to confirm the edited value.
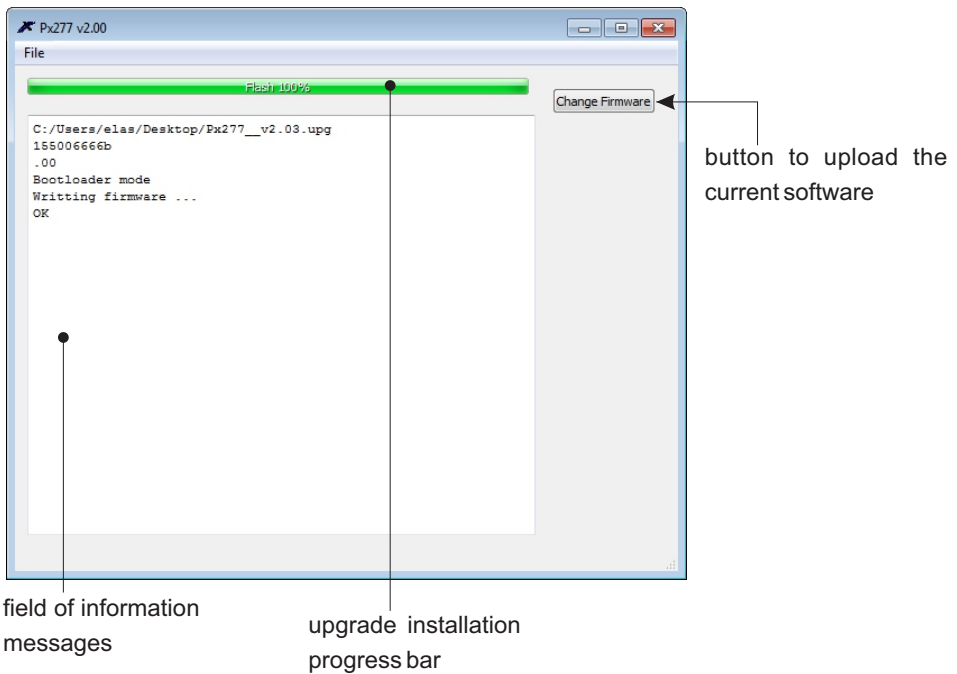
5. CHANGING LANGUAGE VERSION

The default language version of the menu is Polish. Press and hold the "escape" button when connecting the device to change the language to English.

6. UPGRADE PROCEDURE

1. To update the software, you must have a file with the appropriate firmware version adequate to the model of a device, and software used to upload the upgrade. All the latest files are available for download from the website http://pxm.pl

2. Run the installation file Px277_P_xx_v2.00a
3. From the drop-down menu, select the language for the installation and confirm by clicking [**OK**].
4. Carefully read the license agreement; if you agree to the terms of this agreement, click [**I Agree**] to continue the installation.
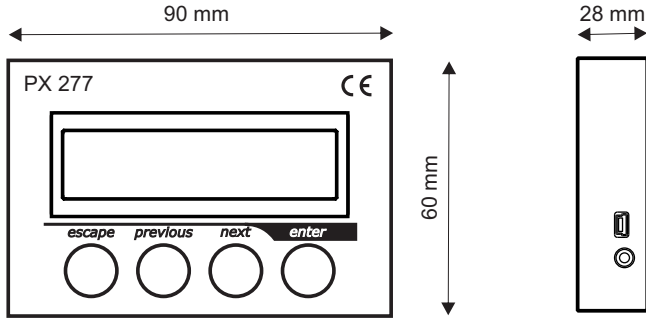5. Select the components you want to install, then click [**Next**].

6. Select the folder in which you want to install the software. Confirm your selection by clicking [**Next**].

7. Select the start menu in which you want to create a shortcut to the program. You can also rename the folder, then click [**Install**].

8. To enable the correct installation of all selected software components, you need to install the USB driver. The [**Device driver installation wizard**] will be displayed in another window, click [**Next**] to continue.

9. The wizard displays the message "The drivers are successfully installed on this computer", click [**Finish**].

10. The PX277 installer has successfully installed the software, click [**Close**].

11. Open the installed PX277 program.

button to upload the current software

field of information messages

upgrade installation progress bar

12. Click on the [**Change Firmware**], button, and open the update file.

13. When an update is successfully uploaded, the progress bar displays the message "**Flash 100%**", and the message field shows „**Writting firmware.... OK"**.

7. DIMENSIONS

8. TECHNICAL DATA

- power supply	from the programmed device (mini-jack plug) or from USB
- connection to the programmed device:	dedicated mini-jack cable
- weight:	
- dimensions:	
- width	0,1 kg
- height	
- depth	90 mm
	60 mm
	28 mm

PXM

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DECLARATION OF CONFORMITY
according to guide line 2004/108/WE

Name of producer: PXM

Adres producenta: ul. Przemysłowa 12
30-701 Kraków

declares that the product:

Name of product: **PxArt Settings Controller**

Type: **PX277**

answers the following product specifications:

EMC: **PN-EN 55103-1**
PN-EN 55103-2

Additional informations: DMX signal has to be connected by using a
shielded cable, connected to the GND pin.

PXM

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Kraków, 08.02.2012

mgr inż. Marek Zupnik.