

# Ecodisplay Niko Home Control

550-13081

4 year warranty

The eco display is equipped with an illuminated colour display and has three functions: it displays the energy consumption and production, it can activate the "all off" function, and it can start the presence simulation function. Depending on the metering modules present, the consumption and production of electricity as well as the gas and water consumption are indicated on the display. With one push of the eco button, you switch all light and circuits off when you leave the house. By pushing a different button, you start the presence simulation, which works by utilizing energy efficient lighting. In this way, you create extra security with a minimum of energy. This control is mounted in a flush-mounting box at a height of 140 to 150 cm above the surface of the floor. It is best to mount the display at the place where you exit the house.



## Technical data

Ecodisplay Niko Home Control.

- Function: The eco-display allows residents to monitor the energy and water consumption as well as the amount of energy generated (if applicable) in their home. It can also be used to activate the eco-function or presence simulation function. The eco-display shows information on the electricity, gas and water consumption as well as the electricity production in the home. The type of information displayed will depend on the types of measuring modules installed. The electricity measuring module measures the electricity consumption or electricity production. The pulse counter communicates the electricity, gas and water consumption. The current electricity consumption is expressed in W or kW, while gas consumption is expressed in m<sup>3</sup>. The total energy consumption for that week expressed in EUR or GBP is displayed underneath. The eco-function applies to all the lights and connected circuits that the resident wishes to switch off upon leaving the home. You can determine the outputs that are to be included in this function while programming the installation. Press the eco-button to activate the eco-function. The reduction in energy consumption will be registered immediately. The presence simulation function allows the resident to have the lights switch on automatically at certain times. This way, it looks as though someone is home. While programming the installation, you can personally determine which lights should be included in the presence simulation as well as when they should switch on and how long they should be left on for. Press the presence simulation button to activate the presence simulation function. Mount the eco-display:
  - in direct sunlight.
  - near the door most commonly used by the resident to exit the home.

Push buttons with display are integrated in a bridge.

- weekly energy consumption in EUR or GBP
- in conformity with IEC60730-2-9 , EN 50491-5-2, EN 50491-2 and EN 50090-2-3
- Screen type: lit colour display with the dimensions 45 x 45 x 32 (HxWxD)
- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Flush-mounting frame
  - 1 mm-thick metal
  - galvanized on all sides after cutting, even on the cut edges

**niko**

- with 4 grooves with screw hole of 7 mm
- with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels
- Fixing method
  - with screws for simple fixing in a flush-mounting box with grip surfaces
- Centre-to-centre distance
  - horizontal coupling and vertical coupling with centre-to-centre distance 71 mm
  - horizontal connection of several bases is quick and perfect thanks to the folded-up dovetails on the left and right side
  - extra robustness due to the folded-up edges on the outside of the base and the continuation to the inside of the base
- End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.
- Dimensions (HxWxD): 73.1 mm
- Marking: CE

CE