

NATOUCH-4

4" wall-mounted touch screen for remote control



Overview

The new Nicolaudie NATOUCH-4 integrates with SLESA, DINA and STICK controllers to offer powerful and easy-to-use lighting control.

When connected to a standalone lighting controller, the NATOUCH-4 loads the scenes stored in memory. It also gives the possibility to manually adjust the DIMMER, COLOR and SPEED of the running scenes.

nicolaudie.com/natouch-4

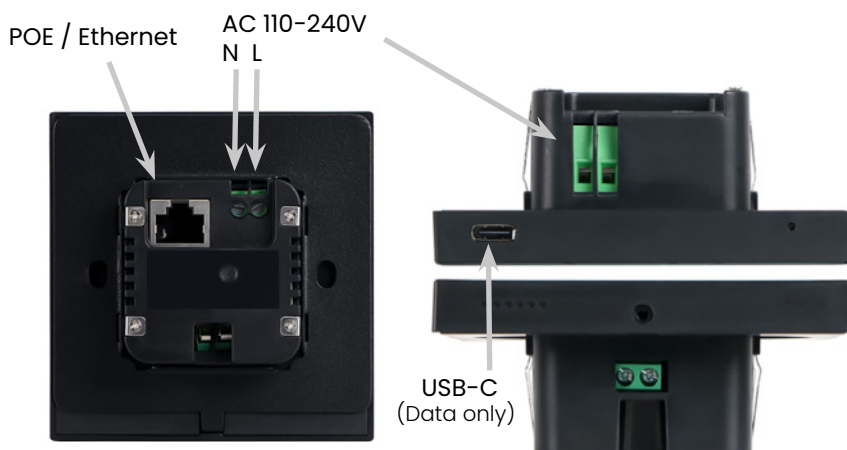
Key Features

- Wall-mounted touch screen controller
- Arcolis Touch app, fully customized user interface created with ESA Pro 2.5+. Suitable for public installations with password lock to control screen.
- Arcolis Remote app for remote control via local network & the internet (compatible DINA-DR1 or DR2 controller and cloud licence required nicolaudie.com/cloud)
- Wifi & Ethernet (PoE) connectivity
- NATOUCH admin control with password
- Universal bracket compatible with various wall boxes
- European and UK single socket wall box is provided

Technical Data

Input Power	POE, IEEE802.3af 100-200V 50/60Hz
OS	Android
Connections	USB-C Ethernet/PoE Wifi 802.11b/g/n
Screen	4 inches (85 mm), 480x480px IPS
Environment	-10C to 60C
Dim / Weight	86x86x36mm 131g
Standards	CE, UL, Low voltage, EMC, and RoHS
Power Consumption	~ 6 W
Package Specs	140x130x80mm, 300g

Connections



Notes:

1. If the Ethernet port is connected to an Ethernet port (data pins), Wifi will be disabled. The device can be powered using a PoE power supply (DC+ & - pins only) and use WiFi.
2. The USB-C port does not provide power to the panel.
3. The RS485 connection is unused.

Installation

1. Choose an existing single socket electrical back box or install a new one in the wall. Both a European and 1-gang square wall box is provided.
2. Fit the mounting brackets provided to the wall box.
 - a. Choose the correct mounting bracket for your wall box
 - b. Use the 2 screws to fix the bracket to the wall box



3. Installing the touchscreen
 - a. Connect power using either Power-over-Ethernet(PoE) or 240v AC to the Neutral and Live terminals.
 - b. The network connection can be provided via the POE compatible Ethernet Port or Wifi.
 Note: If your PoE connection also includes an Ethernet connection, Wifi will be disabled.
 - c. Slide the screen into the bracket making sure the tab at the bottom slides into the security hole.
 - d. Use the smallest screw provided in the box to secure the panel to the bracket using the hole at the bottom.

Network Connection

Automatic Network Configuration (DHCP)

Most routers come with DHCP enabled. Using Nicolaudie devices with a DHCP-enabled network is designed to be a seamless, plug-and-play process. They will automatically request and receive their network settings upon startup.

Manual Network Configuration

If DHCP is not available on your network, you must manually configure network settings on all devices, including your Nicolaudie lighting controller and NATOUCH panels.

Warning : The Network settings below are not designed to be used with an existing network as they may be incorrect. They will work when connecting devices through an unmanaged switch or a direct Ethernet cable.

Configure Lighting Controller

1. Connect the Nicolaudie lighting controller by USB to your computer
2. Open HardwareManager app. This tool is installed with your programming software and also available via nicolaudie.com/downloads
3. Click controller name (next to USB icon) in list and go to Ethernet page.
4. Enter settings shown right and press Send Configuration.

Example Lighting Controller settings:
 Enabled: Checked (enables network)
 DHCP : Disable
 IP Address: 192.168.1.10
 Subnet Mask: 255.255.255.0
 DNS server 1: 0.0.0.0
 Gateway: 0.0.0.0

Network Connection

Manual Network Configuration Continued

Configure one or more NATOUCH devices

1. Power on NATOUCH
 2. From the Home screen, click on the Settings (gear icon) to access the Settings page.
 3. Under Network, tap Ethernet to open window
 4. Enter the settings shown right.
- Note: all devices need a different IP address to communicate. If connecting more than one NATOUCH, add 1 to the last number of every IP address. e.g. 192.168.1.12, 192.168.1.13 etc

Example NATOUCH settings:

Get IP address automatically : disable.

IP Address: 192.168.1.11

Subnet Mask: 255.255.255.0

Gateway: 0.0.0.0

DNS 1: 0.0.0.0

DNS 1: 0.0.0.0

Setting the panel up

The NATOUCH-8 comes with Arcolis Remote & Arcolis Touch for controlling compatible Nicolaudie lighting controllers. The settings menu allows you to manage Ethernet settings, the NATOUCH password, screen brightness & other settings.



Arcolis Remote displays an elegant, ready-made interface, allowing you to control your Nicolaudie device over a local network or cloud with the minimum of setup.

nicolaudie.com/arcolis-remote



Arcolis Touch provides a fully customized remote controller interface which must be designed in ESA Pro 2 software with your lighting show.

nicolaudie.com/arcolis-touch

A guide to Arcolis Touch and Touch Designer is included in the ESA Pro 2 manual.

nicolaudie.com/esapro2



NA Touch Tools (Win / MacOS) - This app allows you to reset the NATOUCH password and customise the interface.

eu-tools.n-g.co/Release/natouch_tools.exe