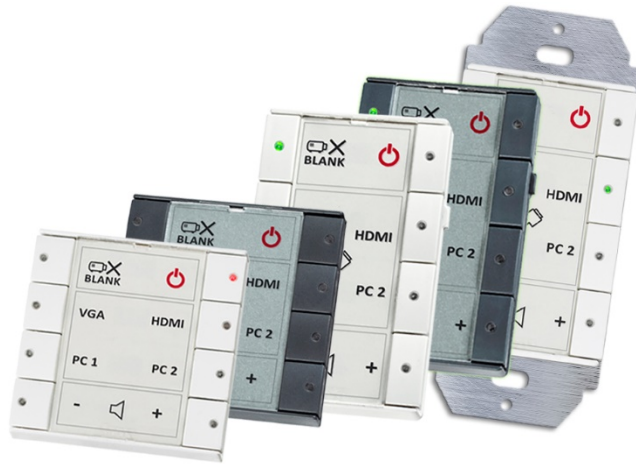# Neets Control – SieRRa II

8-Button Keypad with iOS/Android support

Neets Control – SieRRa II provides uniform AV control interface in all rooms through an 8-Button Keypad with built-in controller.

SieRRa II also enables touch control with a tablet (iOS or Android)

Email notification on lamp/filter hours and warnings as well as Central Control monitoring is supported as a standard.

Features

8-Button AV control system with iOS/Android support
The world's most compact AV control system – no external processors required

8 Freely configurable keypad buttons
Provides uniform AV control interface in all rooms and all 8 buttons can be configured for any function

1 Bi-directional RS-232 port or 2 IR ports
Used for controlling projectors, displays, amplifiers & other AV devices with feedback functionality

2 Uni-directional RS-232 or 4 IR ports
Used for sending commands to projectors or other AV devices using serial or infrared communication

1 Ethernet port
Used for controlling 10 LAN devices and connection to Central Control and Project Designer

3 General Purpose I/O ports
Used for input/output control of relays, switches and sensors

1 NEB port (Neets Expansion Bus)
Add. up to 5 additional devices - choose between Keypad, Level Control or Port Expansion (serial and I/O).

1 front USB port
Used for easy system configuration, uploading and downloading project files, service and maintenance

PoE support
Includes Power over Ethernet support to avoid external PSU (12V PSU included)

Email notifications and warnings
Email notification on lamp/filter hours and warnings

Included: Configuration through our free and no-license software: Neets Project Designer

Neets Control – SieRRa II

8-Button Keypad with iOS/Android support

iOS/Android devices supported

SieRRa II also offers extensive control features through a built-in web server.

Through the free Neets Control App. you connect with the SieRRa II through WiFi and the IP address of the SieRRa II.

Create custom graphical user interfaces for convenient AV and room control using a PC or a touch device (Apple iOS or Android) directly in Neets Project Designer.
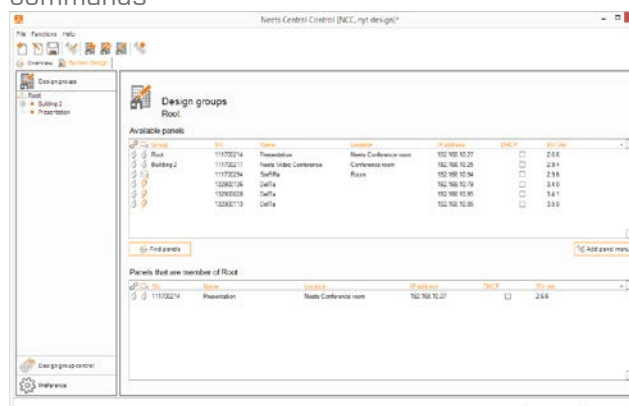
Neets Central Control included:

Monitor rooms with SieRRa II installed from one central location.

Get status on lamp and filter hours for your projectors for preventive maintenance

Control groups or individual rooms over network – e.g. one "POWER OFF" command for all rooms

From AV/IT support you can immediately get an overview of a room and test the control commands

Technical Specifications

Communication ports:
1 RS-232 (TX and RX) or 2 IR
Baud: 1200 – 115200

Data Bit: 7/8
Parity: None, Even, Odd
Stop Bit: 1/1.5/2

2 RS-232 or 4 IR (TX only)
Baud: 1200 – 115200
Parity: None, even, odd
Stop Bit: 1/1.5/2

IR:
Transmit
381 Hz – 500 kHz
Devices: 2

1 Ethernet port
Speed: 10/100 Mbit
auto-detect
Devices: 10

3 I/Os (GPIO)
Input:
Sense Low: <1 VDC
Sense High: >4 VDC

Output:
Type: Open drain
Max Voltage: 24 VDC
Max Current: 0.5 A

Neets Expansion Bus (NEB)
12 V (0.3 A) output

Included in box
12 V PSU (110- 230V AC)

PoE – Power over Ethernet
Complies with IEEE 802.3
and 802.3at, type 1

Dimensions
(without frame) (EU):
Width: 55 mm
Height: 55 mm
Depth: 17 mm

Dimensions
(without frame) (DK):
Width: 72 mm
Height: 45 mm
Depth: 17 mm

Dimensions
(without frame) (US):
Width: 45 mm
Height: 105 mm
Depth: 24 mm

Weight: 90 g

Conformity:
Approval: CE, FCC (part 15, class A)
EN 55022
EN 55024

Product item numbers:
310-0102: Neets Control – SieRRa II,
EU - Polar white

310-0103: Neets Control – SieRRa II,
EU - Anthracite

310-0202: Neets Control – SieRRa II,
DK - Polar white

310-0203: Neets Control – SieRRa II,
DK - Anthracite

310-0402: Neets Control – SieRRa II,
US - Polar white