The drawings in the manual of Neets Control - SieRRa II is based on the DK, US and EU versions.

SieRRa II is a perfect choice for the classroom, meeting or conference room and is easy to use, thanks to an intuitive graphical interface with a minimum number of buttons.

Simply press ONE button and you are ready to begin!

With SieRRa II anyone can start up a presentation without complicated procedures.

When you open the box it will contain the following items:

- 1 x Paper cover
- 1 x Front cover
- 1 x Wall plate
- 1 x 12V wall plug PSU

Find the complete user manual on www.neets.dk before installation.
Connections and Controls

Power input port

Connect the SieRRa II to the supplied AC power adapter using the supplied 2 pole screw block terminal. Wires connect to 12V, black wire connects to GND. The SieRRa II adapter incorporates a universal mains input which accepts AC line input from 100 V to 240 V.

Input/Output ports

The three I/O (Inputs/Outputs) can be configured in the Neets Project Designer software either as RS-232 or as IR emitter.

RS-232IR ports

The RS-232 ports (TX-1, RX-1, TX-2, TX-3) are configured for one- or two-way communication. Port 1 is a two-way port, which can be used for devices for which a reply function is required, such as a projector.

All of the RS-232IR ports can be configured in the Neets Project Designer software either as RS-232 or as IR emitter.

NEB ports

The SieRRa II has a built-in NEB (Neets Extender Bus). This port is used to add up to 8 NEB devices (e.g. two Keypads, two Level Controls and one Expander).

Connect your NEB device to this port with a cable not exceeding 20 cm in length. Connectors are PWR to PWR, NCL to NCL, NDA to NDA and GND to GND.

If additional cable length is needed in your application, please use the NEB extender to allow placement of the devices up to 40 meters from the SieRRa II. See the Neets website for more details on the NEB Extender.

LAN port

The network connector integrates the system into a local area network. You must connect the SieRRa II to your LAN if you are using any of the LAN features of the product. The SieRRa II has Power over Ethernet functionality built into the LAN interface which can power up the entire control system and up to two connected NEB units through a PoE-enabled device. To power the SieRRa II, use a PoE enabled switch or a PoE power injector which complies with IEEE 802.3af.

Troubleshooting

Error indication using LEDs

If there is a fault in either the configuration or the SieRRa II, this will be indicated on the front panel LED indicators. Button LEDs 1-4 are used to indicate the error; the LED indicators are numbered as shown.

The flashing error descriptions and patterns are described below:

LED shows Description Solution
1 Off No connection to one or more NEB units. Check that the NEB units used in the project are connected.
2 Off No project found on the control system or unable to start the project. Try to upload the project again.
3 Off Firmware upgrade needed. Check that the Neets network unit is correctly configured. One or more of the Neets network units used in the current project needs a firmware upgrade before it will work with this project.
4 Off Error in serial number. You need to return the unit to Neets or your local dealer for replacement/repair.

Buttons

SieRRa II has eight front panel buttons available for the end user to access controller functions. The buttons are numbered as shown to the right.

Each button has a tactile click feedback to ensure proper actuation. Also, each button has an embedded multicolor LED light to indicate current status of the AV system.

Button function and LED indication are set up using the Neets Project Designer software.

Configuration through USB port

The USB port is used exclusively for configuring the SieRRa II from the Neets Project Designer software. It can’t be used to control any external devices.

The front panel USB port is located beneath the front cover and label. The host USB port can power the control system while configuring, so no external power is needed when configuring the SierrII. However, external power (either from AC adapter or Power over Ethernet) and the USB port may be connected at the same time, for example when changing the configuration on an already installed unit.

The USB connector for connecting to the SieRRa II is type “mini USB B 5P”. It is available on the web as a USB A to Mini USB B SPI.