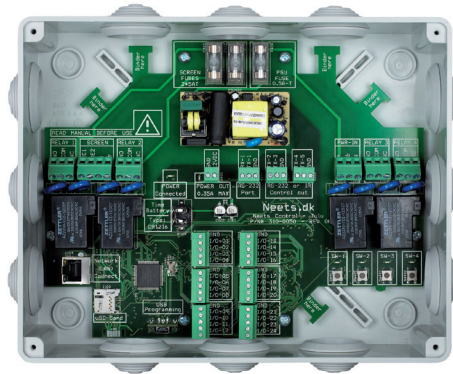


Neets Control – ZuLu

Networked Ceiling-mount Controller for Complex AV Systems



HIGHLIGHTS

- **Ceiling mounted control system**
Compact module installs quickly over drop ceilings.
- **Built-in web server**
Controls all system functions via Apple iOS or Android touch screen devices, or via Safari or Chrome web browsers.
- **High I/O capacity**
24 x I/O for connecting external activation keys, PIR sensor, keyboard lock, external status indicators, external relay boxes, etc.
- **Custom User Interface**
Design your own graphical touchscreen interface, including the company logo if desired.
- **Control for complex systems**
Control associated equipment such as lighting, audio volume, HVAC and other systems, including level adjustment.
- **Easy system configuration**
Configure via USB or LAN using Neets Project Editor software.

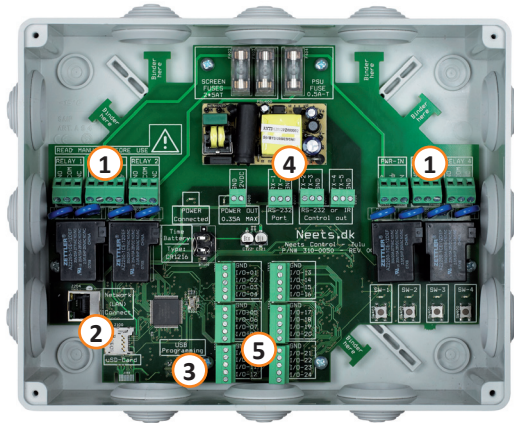
TOTAL AV CONTROL FROM COMPUTER OR MOBILE DEVICE

The first in a new generation of LAN-based systems, Neets Control – ZuLu provides comprehensive yet intuitive control of complex AV systems in auditoriums and larger conference rooms. Although it offers extraordinary capabilities for managing the most advanced AV systems, ZuLu nevertheless installs quickly, configures with ease, and provides end users with one-touch control of a multitude of AV devices as well as automated commands for functions such as lighting and room darkening blinds.

All functions controllable by ZuLu are available via a touch-screen panel on an Apple iOS or Android mobile device, or by a computer running Safari or Chrome web browsers. Custom graphical interfaces for even the most complex control requirements can be quickly programmed using the Neets Project Editor software. All connected devices are controlled through RS-232, IR, LAN or dedicated I/O. With LAN access enabled, complete systems can be controlled from another room or even off site. (Use with mobile devices requires connection of a WiFi access point.) Alternatively, control features may be accessed via an external fixed key panel using ZuLu's extensive I/O capabilities.

The electronics and connectors for Neets Control – ZuLu are protected by a compact, rugged and electrically insulated box designed for convenient mounting above drop ceilings. Wiring terminations employ plug-in Euroblock connectors, ensuring that installation and servicing of ZuLu will be straightforward, fast and efficient.





FEATURES

NEETS CONTROL - ZULU

- Controlled via web browser
- Four built-in relays, two configurable for screen mode
- Internal power supply (230 V AC)
- Micro SD card reader slot
- Real time internal clock with weekly calendar
- RS-232 disconnect security alarm function

CONNECTIONS KEY

- ① 4 x assignable internal relays (230 VAC / 8 A)
- ② 1 x 10/100 Mbit LAN
- ③ 1 x USB port
- ④ 5 x RS-232 / IR ports
- ⑤ 24 x I/O ports, with freely assignable functions including:
 - Input: External button panel control, PIR motion sensor, keyboard lock
 - Output: External button press indication, external relay control, VGA switcher control

TECHNICAL SPECIFICATIONS

COMMUNICATION PORTS:

1 X RS-232 (TX and RX)
4 x RS-232 or IR (TX only)

RS-232:

Baud: 1200 – 115200
Data Bit: 7/8
Parity: None, even, odd
Stop Bit: 1/1.5/2

IR:

Transmit
381 Hz – 500 kHz
Devices: 8

24 X INPUT/OUTPUT:

INPUT:

Sense Low: <1 VDC
Sense High: >4 VDC

OUTPUT:

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

DC OUTPUT:

12 V, 350 mA

LAN:

Speed: 10/100 Mbit auto-detect
Devices: 5
(External WiFi access point required for mobile devices.)

BUILT-IN RELAYS:

4 x Potential free (assignable)
Two relays configurable for screen mode
Power capacity: 230 VAC / 8 A
Note: Contact Neets for screen sizes above 3 m

DIMENSIONS:

Width: 245 mm
Height: 70 mm
Depth: 195 mm

WEIGHT:

0.93 kg

AC LINE INPUT:

230 V

CONFORMITY:

Approval: CE
EN 55022
EN 55024



Neets
Intuitive Control