Neets Control – AlFa II

Rack mounted control system with iOS/Android support

Neets Control – AlFa II provides easy control of all room functions. AlFa II is a particularly good for integrating videoconference.

AlFa II also enables touch control with a tablet (iOS or Android) and you can create your own GUI design. Adding NEB extensions you can control AlFa II with a keypad or level control and with Neets Central Control software, you have easy room monitoring. AlFa II is a versatile AV control system and offers a variety of AV opportunities.

Features

Rack mounted AV control system with iOS/Android support
The world's most compact AV control system – no external processors required

3 Bi-directional RS-232 port or 6 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

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

Built-in relays
4 x potential free relays (assignable)

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

Custom graphical user interface (GUI)
Create your own custom graphical user interface for the AV-installation in your own design

Automatic timer functions
A build-in timer can be set to switch a projector or a screen off after a period of inactivity

IEC Mains Adaptor - Optional
With IEC Mains Adaptor, you can easily forward power to other rack units in a cabinet

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 – AlFa II

Rack mounted control system with iOS/Android support

iOS/Android devices supported

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

Through the free Neets Control App. you connect with the AlFa II through WiFi and the IP address of the AlFa 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.
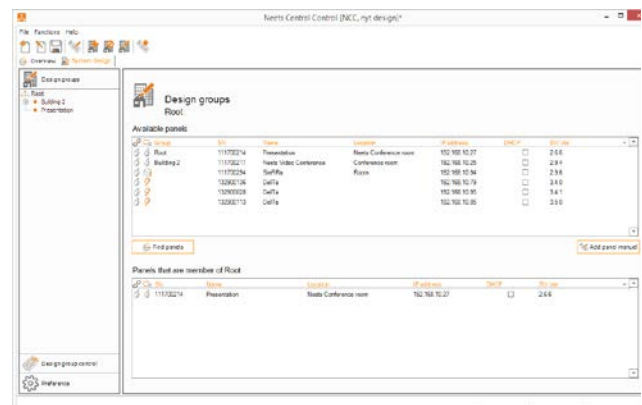
Neets Central Control included:

Monitor rooms with AlFa II installed from a 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, floors and levels.

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

Technical Specifications

Communication ports:
3 x RS-232 (TX and RX) or 6 IR
Baud: 1200 – 115200

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

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

IR:
Transmit
400 Hz – 500 kHz
Devices: 10

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

24 x 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

Built-in relays
4 x potential free (assignable)
Power capacity: 230 VAC/ 8 A
Note: Contact Neets for screen sized above 3 meter.

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

Included in box
1 x 240 IEC cable
 Phoenix connectors

AC line input
100-240 V

Dimensions
Width: 483 mm/ 437 mm
Height: 44 mm (1U)
Depth: 141 mm

Weight: 1,9 kg

Compliancy:
Approval: CE
IEC/EN 61000-6-1
IEC/EN 61000-6-2

Product item numbers:
310-0301: Neets Control – AlFa II