

### Intelligence behind the scene



- Control AV systems or all room functions via wall panel buttons, computer or mobile device touchscreen
- Built-in web server via Apple iOS or Android touchscreen devices, or via Safari and Chrome web browsers
- Control additional equipment such as lighting, HVAC, audio volume, and other systems, including level adjustment
- Custom user interface design in free Project Editor software
- Control many rooms from one location

Neets Control - AIFa provides comprehensive yet intuitive control of complex AV systems in auditoriums and large conference rooms.

AIFa installs quickly, is easily configured, and provides end users with one-touch control of a multitude of AV and additional device functions.

All functions controllable by AIFa 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 fast and easy be configured 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.

The compact, 1U rack mount frame provides status monitoring with front panel LED indicators, and the rear panel allows easy access for connecting all necessary cables for control and configuration.

Wiring terminations employ plug-in Euroblock connectors, ensuring that installation and servicing of Neets Control – AIFa will be straightforward, fast and efficient.

### Features:

Controlled via mobile touch devices

Internal universal power supply

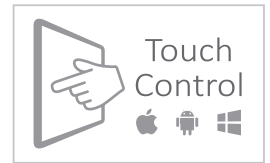
Comprehensive LED indication

Built-in relays

Micro SD card reader slot

Real time internal clock

RS-232 disconnect security alarm function



### Rear panel key:

- |  |   |   |
|--|---|---|
| <p><b>1</b> 2 x internal relays dedicated for screen mode (230 VAC / 8 A)</p> <p><b>2</b> 2 x assignable internal relays (230 VAC / 8 A)</p> <p><b>3</b> 1 x DC power output (12 VDC / 350 mA)</p> | <p><b>4</b> 4 x relay test buttons</p> <p><b>5</b> 1 x 10/100 Mbit LAN</p> <p><b>6</b> 1 x USB port</p> <p><b>7</b> RS-232 / IR ports</p> | <p><b>8</b> 24 I/O ports, with freely assignable functions including:<br/>Input: External button panel control, PIR motion sensor, keyboard lock<br/>Output: External button press indication, external relay control, VGA switcher control</p> |
|--|---|---|

### Technical specifications:

#### Communication Ports:

1 X RS-232 (t1,r1)  
2 X RS-232 (tx/rx) / IR (x2)  
2 X RS-232 (tx) / IR (x2)

#### 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

#### Lan:

Devices: 5

#### Built-in relays:

2 X dedicated screen mode  
2 X potential free (assignable)  
Power capacity: 230 VAC/ 8 A  
Note: contact neets for screen sizes above 3 m

#### Included in box:

1 X 230V IEC cable  
1 X Cliffcon® connector for screen mode

#### Dimensions:

Width: 482.6 mm (19")  
Including mounting ears  
Height: 44.5 mm (1.75") or 1U  
Depth: 203 mm (8")

#### Weight:

1.3 Kg (2.86 Lbs)

#### Ac line input:

110 – 240 V

#### Conformity:

Approval: ce  
EN 55022  
EN 55024

#### Item number:

310-0300:  
Neets Control - AIFa, black