

Neets Control – EcHo

Reliable and Intuitive AV System Control



HIGHLIGHTS

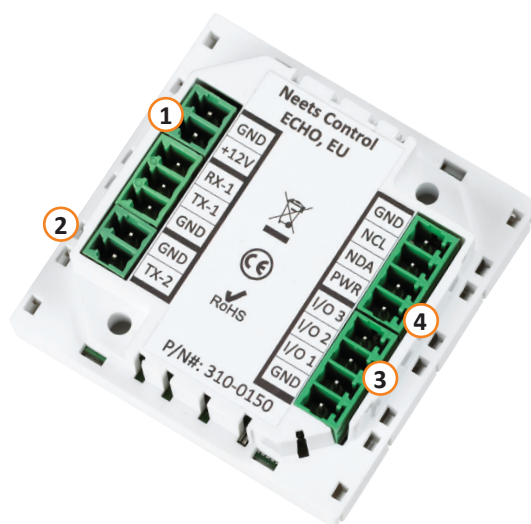
- **Fits inside standard wall outlet box**
No rack-mount or over-ceiling unit is needed.
- **Flexible design**
All eight buttons can be freely configured for any function.
- **Choice of connectivity**
Communicates with devices by RS-232, IR and dedicated I/O.
- **Dual RS-232/IR ports**
One port offers TX/RX for feedback.
- **Easy to configure**
Configure functions with Project Editor software and load via front-panel USB port.
- **Easy to install**
Connects quickly with Euroblock plug-in connectors.
- **Easy to use**
Start presentations simply by pressing one button.

SO ADVANCED, AND YET SO EASY TO USE

In classrooms and conference rooms, Neets Control - EcHo eliminates the delays and frustrations caused by misplaced, damaged, and confusing multi-button IR remote controls. With EcHo, starting a presentation is as easy as pushing one button on the wall panel. One button can be programmed to not only start the projector and select the video source, but also to lower the screen, turn off room lights and close room-darkening blinds. Nothing could be simpler!

Configuring EcHo is straightforward, and it takes only a fraction of the time normally required for competitive systems. Simply remove the front panel (no screws) to access the USB port, and connect to a computer running Neets Project Editor software. Any function can be assigned to any of the eight buttons, and a single button can be configured for a sequence of functions. A configuration can be saved on the computer and loaded into EcHo systems in multiple rooms, saving time and ensuring that all button functions will be identical.

With the quick touch of a button, EcHo provides complete control for projectors, screen relays, DVD/Blu-ray players, amplifiers, tuners, interactive boards, flat panel displays and more. Also, because appearance is often important, EcHo offers two panel colors and a choice of frames. Panel graphics can be customized with choice of fonts and addition of a company logo, if desired. In every respect, Neets Control - EcHo offers an AV control solution that is elegant, flexible and remarkably intuitive in operation.



FEATURES

NEETS CONTROL - ECHO

- RS-232 security alarm (cable disconnected)
- Neets Bus Expansion for adding another key panel

- Auto-off using external PIR sensor
- Fits standard DK, EU and UK outlet box
- Level adjustment knob with LED indication (optional)

CONNECTIONS KEY

- ① 12 V power supply
- ② RS-232/IR ports
- ③ 3 x I/O
- ④ Neets Expansion Board (NEB)

TECHNICAL SPECIFICATIONS

COMMUNICATION PORTS:

1 X RS-232 (TX and RX)
 Baud: 1200 – 115200
 Data Bit: 7/8
 Parity: None, Even, Odd
 Stop Bit: 1/1.5/2

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

IR:
 Transmit
 381 Hz – 500 kHz
 Devices: 2

3 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

NEETS EXPANSION BUS (NEB)

12 V (0.3 A) output
 See neets.dk for NEB info

INCLUDED IN BOX

12 V PSU (110- 230V AC)

DIMENSIONS (WITHOUT FRAME) (EU):

Width: 55 mm
 Height: 55 mm
 Depth: 17 mm

WEIGHT:
 90 g

CONFORMITY:
 Approval: CE
 EN 55022
 EN 55024

PRODUCT ITEM NUMBERS:

310-0150 EU WHITE
 310-0151 EU ANTHRACITE



Neets
 Intuitive Control