controlCUE-two

Ethernet IP Enabled Controller

cue

Main Features

- Modern ARM® processor platform
- Internal RAM 256 MB RAM
- Internal microSD Card min. 4 GB
- Wired 10/100 BaseT LAN
- Onboard real time clock
- Standard control ports - bi-directional serial, IR/serial, general I/O and relay ports
- Audio line input and output
- Web server and Admin Web pages for setup
- Unified aluminium enclosure design for desktop, 19" rack rack, DIN rail and wall installation - no special models required

Description

Ethernet IP enabled high-end controller equipped with variety types of control ports. It is at least ten times more powerful compare to ipCUE controllers lineup. The controlCUE-two is recommended for medium to large scale applications.

Control ports include bi-directional serial channels RS-232/422/485, serial outputs, infrared outputs up to 1.2 MHz, general I/O ports that can be configured as analog inputs or digital outputs and 24 volts relay outputs. The Ethernet port allows for bi-directional IP control of any manufacturer IP enabled products. The controlCUE-two is fully compatible with CUE's existing range of button panels and touch panels through and comes equipped with a CUEwire port.

Internal IR sensors allow capture IR codes and receive IR codes from hand-held transmitters. Convenient for testing and troubleshooting this model also comes with front panel indicator LEDs that indicate the status of all the control ports. The controller keeps date and time with its onboard real time clock (RTC) and thus allowing for a wide variety of distributed intelligence scheduling applications.
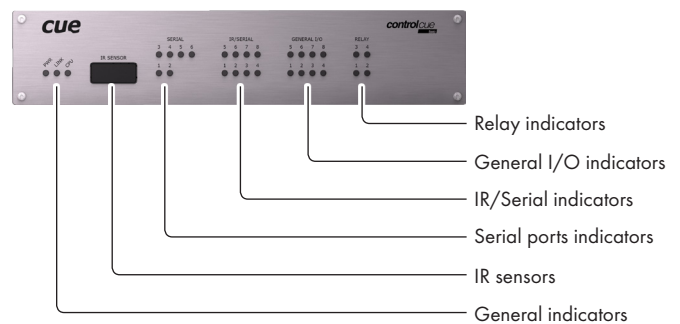
The controlCUE-two comes complete with a web server and allows setup through a standard web browser.

Enclosure allows installation to 19" rack using Rack Mounting kit.
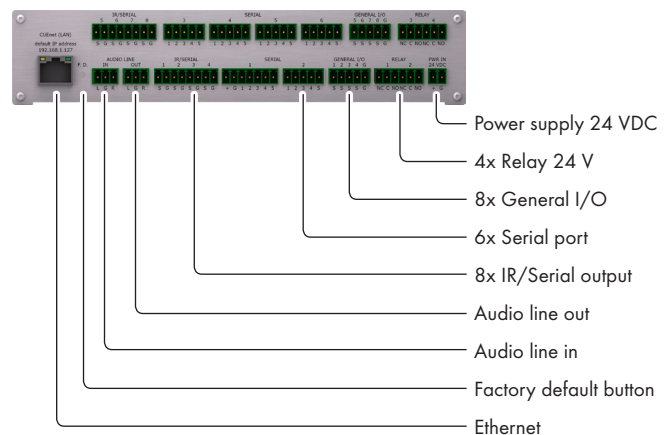
Applications

- Commercial single-room applications
- Commercial huge multi-room and multi-floor distributed systems
- Home theater applications
- Complete residential home automation

Front Panel

- Relay indicators
- General I/O indicators
- IR/Serial indicators
- Serial ports indicators
- IR sensors
- General indicators

Rear Panel

- Power supply 24 VDC
- 4x Relay 24 V
- 8x General I/O
- 6x Serial port
- 8x IR/Serial output
- Audio line out
- Audio line in
- Factory default button
- Ethernet

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Specifications

Control ports
    6x Bi-directional serial RS-232/422/485, 5-pin connector
    8x IR /serial output (IR up to 1.2 MHz), 2-pin connector
    8x General I/O, 5-pin connector with common ground,
        each I/O can be configured as
        Analog input 0 – 5 V
        Digital open collector output, max. 80 mA
    4x Relay 24 V, max. 0.5 A, 3-pin connector

Audio
    Line in, 3-pin connector
    Line out, 3-pin connector

Internal IR sensor
    IR code capture, IR wireless control panel link

LED indicators
    Power, Link, CPU, all control ports

Button
    Reset / Set factory default

Real time and date
    RTC with battery backup

Memory
    Internal RAM 256 MB
    Internal microSD Card min. 4 GB

Software technologies
    Admin Web, XPL2 Inside

System communication
    10/100 BaseT Ethernet , RJ-45 connector

Power supply
    24 VDC (+/-20%), 12 W, 2-pin connector

Physical
    Aluminium enclosure
    Dimensions
        210 x 43.5 x 92 mm / 8.3" x 1.7" x 3.6"
        1/2 rack space, 1 U
    Weight 0.5 kg / 1.1 lb

Operating environment
    Temperature 10° to 40° C
    Humidity 10% to 90% non-condensing

Order Information

Product code CS0414

Box Contents

Controller controlCUE-two
Connector set
4x IR Adapter /i
Ethernet cable straight-through
Power sypply
Warranty Conditions, CE Declaration, RoHS Declaration
Data Sheet, Cue System Connector Wiring Sheet