controlCUE Controllers

User Manual

01.08.2013

Contents

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Introduction

Overview

Ethernet IP enabled high-end controllers equipped with variety types of control ports. They are at least ten times more powerful compare to ipCUE controllers lineup.

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. All models are 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 on-board real time clock (RTC) and thus allowing for a wide variety of distributed intelligence scheduling applications.

All models comes complete with a web server and allow for setup through a standard web browser.

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

Models And Accessories

Model	Product Code	Description
controlCUE-one	CS0412	Controller with 2x serial, 4x IR/serial output, 4x general I/O, 2x relay
controlCUE-two	CS0414	Controller with 6x serial, 8x IR/serial output, 8x general I/O, 4x relay
Rack Mounting Shelf	CS0449	Rack mounting kit for up to 2 controllers
IR Adapter /i	CS0256	Infra-red emitter
Opto-Input Adapter /i	CS0257	Photosensitive cell sensor
IR Sprayer	CS0295	IR control signal emitter
Serial IO Cable DTE /i	CA0181	RS-232 serial cable DTE
Serial IO Cable DCE /i	CA0182	RS-232 serial cable DCE
Cable RS-485 to PEbus	CA0183	RS-485 cable between controller and switching units, dimmers, interfaces

Common Features

- Ethernet IP enabled high-end controllers
- Modern ARM® processor platform
- Internal RAM 256 MB RAM
- Internal microSD Card min. 4 GB
- Wired 10/100 BaseT LAN
- Onboard real time clock
- Control ports
  - Bi-directional serial RS-232/422/485
  - IR /serial outputs (IR up to 1.2 MHz)
  - General I/Os
  - Relays NO-C-NC 24 V
- 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

Programming

All controllers have to be programmed using Cue Visual Composer. These models are not compatible with Cue Director XPL.

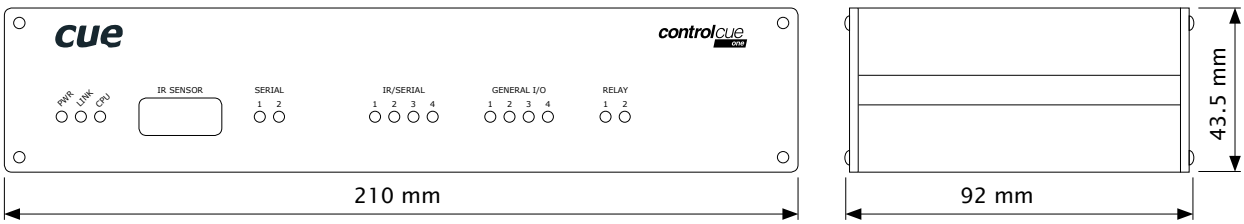
Box Contents

Product Name	controlCUE-one	controlCUE-two
Product Code	CS0412	CS0414
		
Controller controlCUE-one	1	
Controller controlCUE-two		1
Power supply	1	1
Ethernet cable straight-through	1	1
IR Adapter /i	4	4
Connector set	1	1
CE declaration	1	1
RoHS declaration	1	1
Data Sheet	1	1
Cue System Connector Wiring	1	1

Specifications

Product Name	controlCUE-one	controlCUE-two
Product Code	CS0412	CS0414
		
Wired 10/100 BaseT Ethernet, RJ-45 connector	1	
Bi-directional serial RS-485 with power 24 VDC, 7-pin 3.5 mm connector	1	
Bi-directional serial RS-232/422/485, 5-pin 3.5 mm connector for each port	1	5
IR /serial output (IR up to 1.2 MHz), 2-pin 3.5 mm connector for each port	4	8
General I/O can be configured as • Analog input 0 – 5 V • Digital open collector output max. 80 mA 5-pin 3.5 mm common connector with common ground	4	8
Relay NO-C-NC, 24 V, max. 0.5 A, 6-pin 3.5 mm common connector	2	4
IR receiver for IR link	1	
IR capture sensor	1	
LED indicators	Power, network link, network activity, CPU, control ports	
Button Reset / System default	1	
Real time and date – RTC with battery backup	1	
RAM / microSD Card	256 MB / min. 4 GB	
Software	XPL2 runtime, Admin Web	
Audio line in, 3-pin 3.5 mm connector	1	
Audio line out, 3-pin 3.5 mm connector	1	
Power supply, 2-pin connector	24 VDC (+/-20%)	
Power consumption	4 W	
Enclosure	Aluminium	
Dimensions	210 x 43.5 x 92 mm 1/2 rack space, 1 U	
Weight	0.5 kg	0.6 kg
Environment conditions	Operating temperature 10° to 40° C Storage temperature 0° to 60° C Relative humidity 10% to 90% non-condensing	

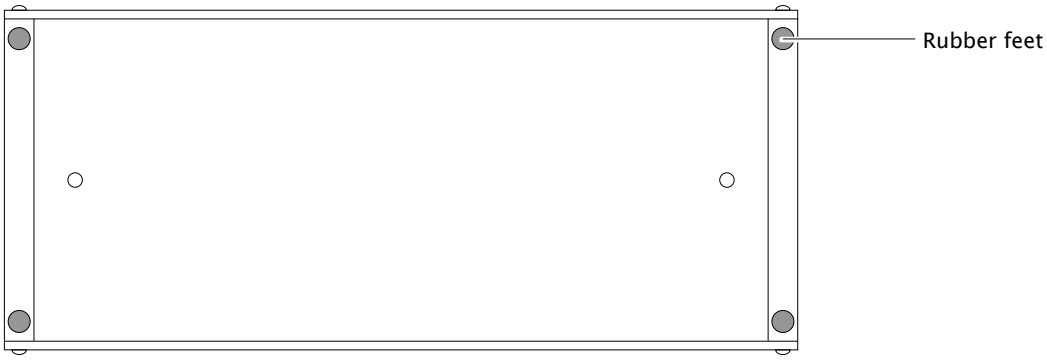
Mechanical



Mounting

Shelf Placement or Stacking

Four rubber feet are provided for shelf placement or stacking. Stick the rubber feet near the corner edges on the bottom side of controlCUE – see picture below.

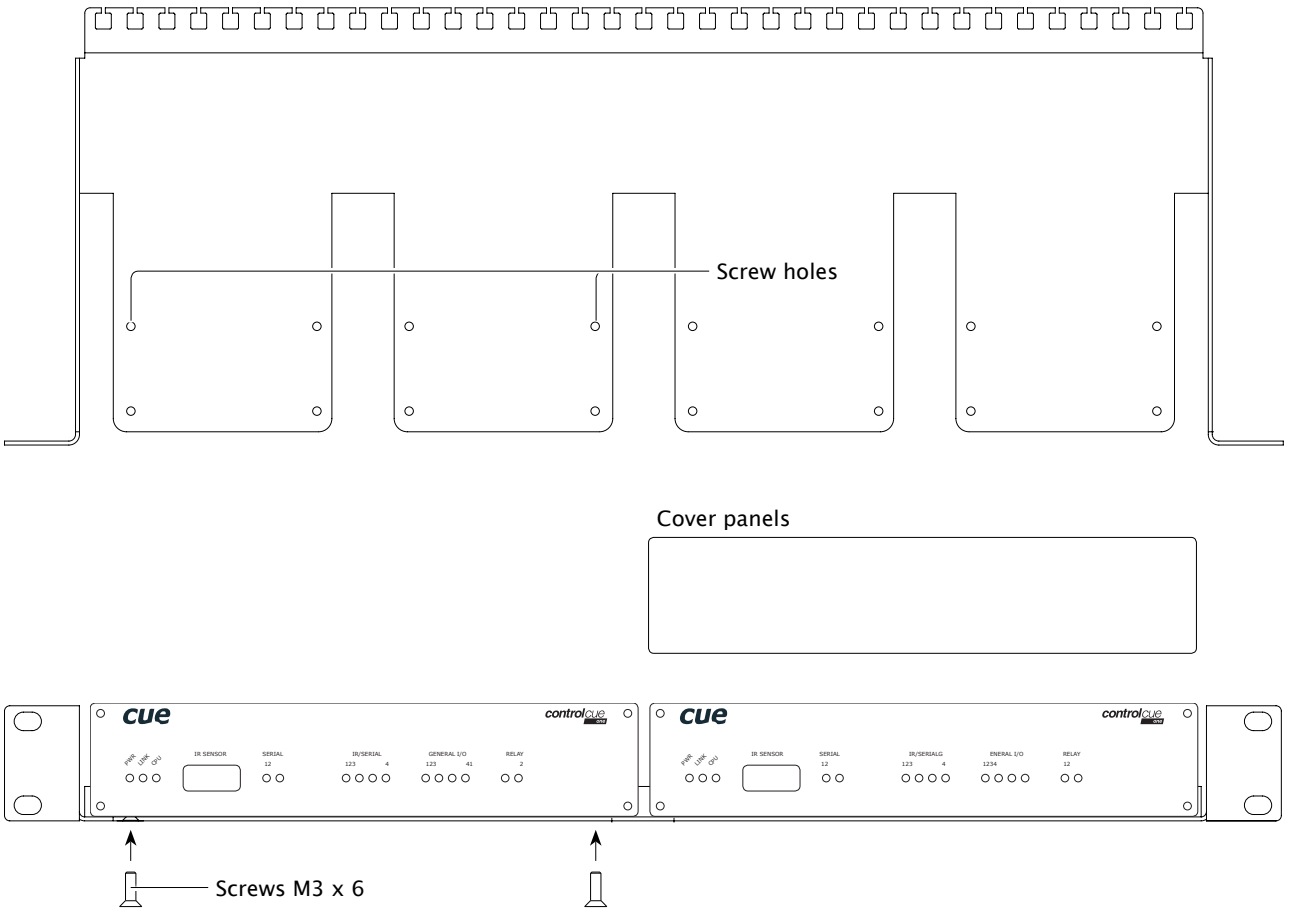


Rack Mounting

The Rack Mounting Shelf (CS0449) provides simple solution for installing controllers to the 19" rack. It allows to install up to two half-rack sized controllers to single 19" unit rack space. All necessary accessories are supplied with the shelf.

Controller is fixed to the Rack Mounting Shelf by two screws M3 x 6 using female threads on the bottom side of controller – see picture below. Screws M3 x 6 are bundled with Rack Mounting Shelf. Don't use longer screws to avoid damage of PCBs inside the unit.

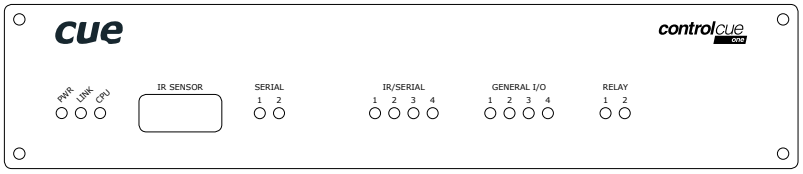
If you install only one controller use cover panel delivered with the shelf.



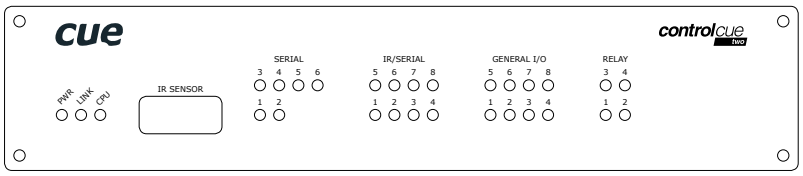
Front Panel

This chapter describes front panel equipped with indicators and IR sensors.

controlCUE-one



controlCUE-two



PWR Indicator

Off	No power presented.
Blue On	Power 24 V is presented. The unit is ready.

LINK Indicator

Off	Network is not detected.
Green On	Network detected.

CPU Indicator

This Green LED indicates

- The end of the operating system boot up by flashing OK in Morse code. Operating system is booted after the unit has either been reset or switched on. The booting time is approx. 15 seconds.
- Capture ready during IR capture.

IR SENSOR

The window marked by IR SENSOR covers two IR sensors and one LED indication.

1. The built-in IR sensor carries the same functionality as irCUE Receiver or irCUE Receiver 485. This means that controlCUE can receive IR signal from CUE wireless IR control panels without the need to use any external IR receiver.
2. The second built-in IR sensor allows IR codes capture. The yellow LED indicates the received infra-red signal is ok and it helps to set optimum distance between the receiver and captured IR remoter.

SERIAL Port Indicator

Off	No data transmitted or received through the serial port.
Green On or Flashing	Data is being transmitted through the serial port.
Red On or Flashing	Data is being received through the serial port.

IR/SERIAL Output Indicator

Off	No data or IR code transmitted through the IR/serial port.
Yellow On or Flashing	Data or IR code is being transmitted through the IR/serial port.

GENERAL I/O Indicator

Off	Output is switched OFF.
Green On	Output is switched ON.

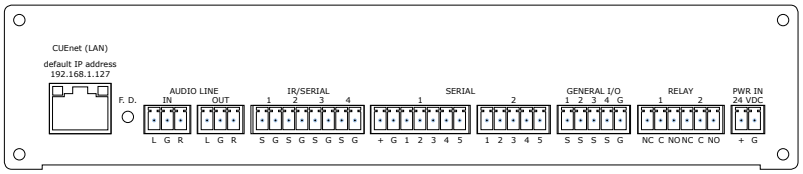
RELAY

Off	Relay is switched OFF.
Red On	Relay is switched ON.

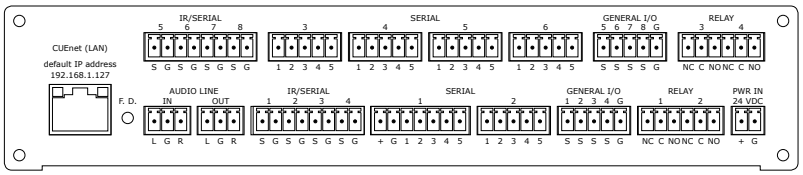
Rear Panel

This chapter describes rear panel equipped with all connectors. For more details about connection see chapter Connecting.

controlCUE-one



controlCUE-two



CUEnet (LAN)

The 10/100 BaseT LAN is a standard network connection using RJ-45 connector. For more details see chapter Connection.

Yellow indicator - network activity

Green indicator - network link

F.D. Button

When pressed the system default function is performed. For system default values see chapter Factory Default and System Default. A thin screwdriver is needed for press of this button.

AUDIO LINE

Two 3-pin connectors provide unbalanced audio line input (IN) and output (OUT).

Control Ports

Rear panel of controlCUE is equipped with following control ports

Port	controlCUE-one	controlCUE-two
Serial port RS-232/422/485	2	6
IR/Serial output	4	8
General I/O	4	8
Relays 24 V, NO-C-NC contacts	2	4

PWR IN 24 VDC

Powering of controlCUE is provided by 24 VDC. Use only delivered power supply.

Connecting

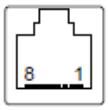
CUEnet (LAN)

10/100 BaseT LAN Connector

The 10/100 BaseT LAN is a standard network connection 10/100 BaseT LAN using RJ-45 connector.

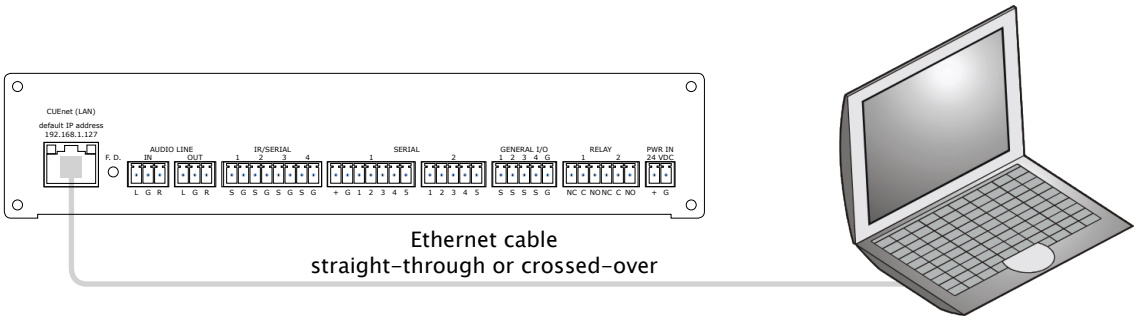
The length of the Ethernet cable connecting controller to the network must not exceed 100 meters.

Connector pin out

RJ-45	Pin	Signal	Cat5 Cable Color
	1	TX_D1+ and PoE	White / Orange
	2	TX_D1- and PoE	Orange
	3	RX_D2+ and PoE	White / Green
	4		Blue
	5		White / Blue
	6	RX-D2- and PoE	Green
	7		White / Brown
	8		Brown

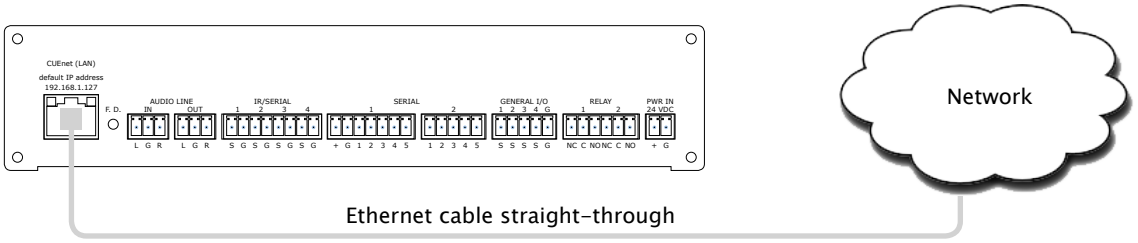
Direct PC Connection

Attach one end of an RJ-45 Ethernet cable to the CUEnet (LAN) port and attach the other end of the RJ-45 Ethernet cable to your computer. Use straight-through cable if your PC supports autosense or crossed-over cable if your PC doesn't support autosense.



LAN Network Connection

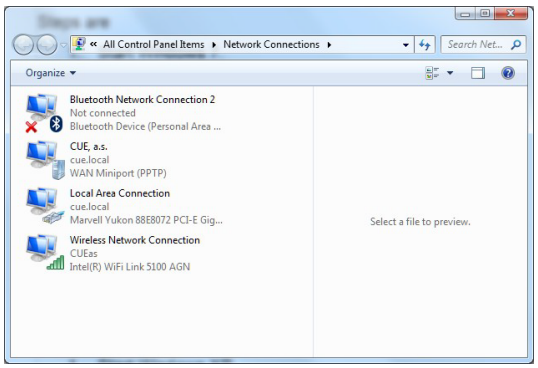
Attach one end of an RJ-45 Ethernet straight-through cable to the CUEnet (LAN) port and attach the other end of the RJ-45 Ethernet cable to your computer.



Windows Local Network Settings

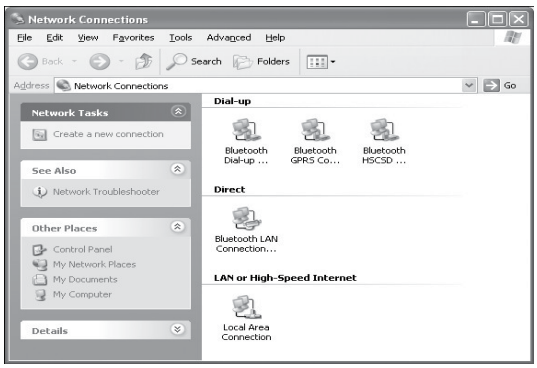
For Windows 7 steps are

1. Start Windows 7.
2. Click Start.
3. Enter ncpa.cpl to the Search Box and press Enter. Following window is displayed.



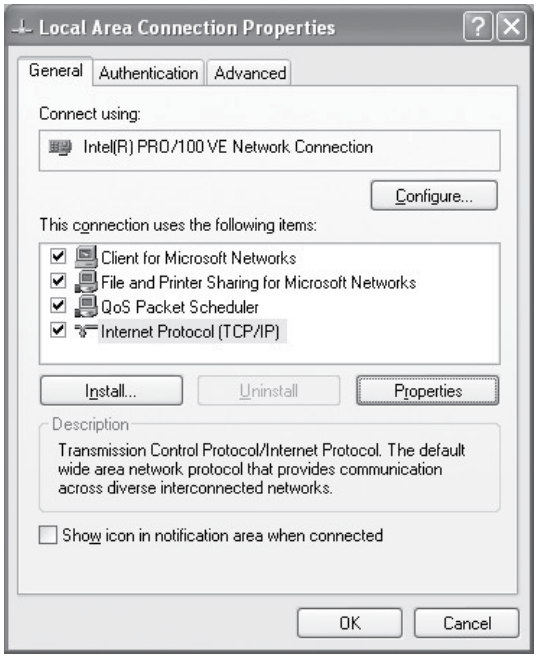
For Windows XP steps are

1. Start Windows XP.
2. Click Start, then click Control Panel choose the option to switch to Classic View.
3. Double-click Network Connections.

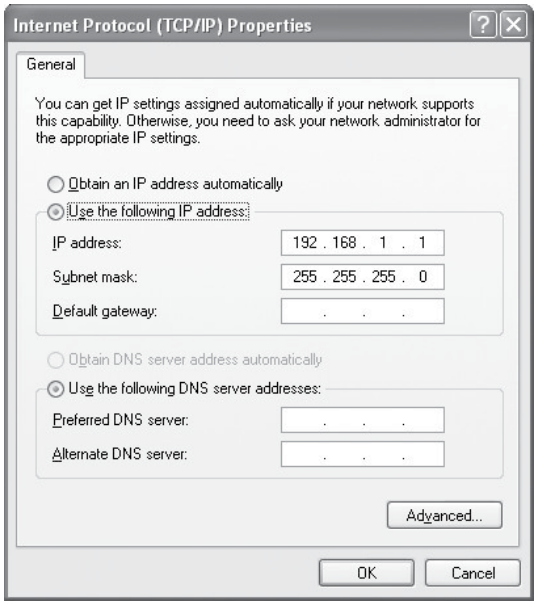


Following steps are

1. Right-click on network adapter used for connection with controller and then right-click and select Properties.
2. Select Internet Protocol (TCP/IP) and click Properties button.



3. Select Use the following IP address option. Set IP address to 192.168.1.1 (or other address different from 192.168.1.127 and from 192.168.1.128) and Subnet mask to 255.255.255.0. Leave other options unchanged and click OK.



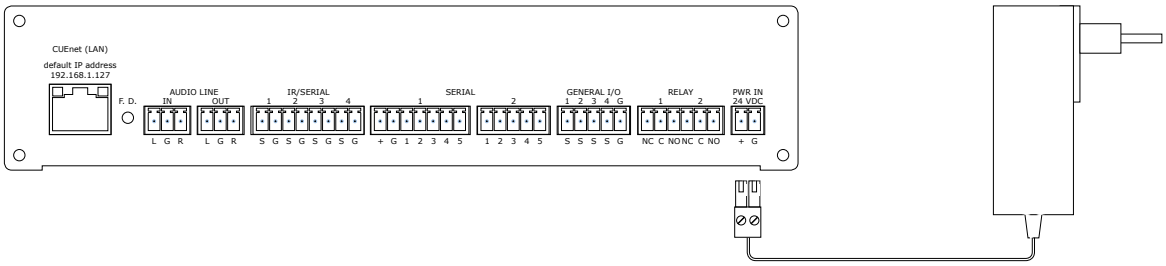
PWR IN

The unit requires power 24 VDC from an external power supply.

Power consumption

- controlCUE-one 12 W
- controlCUE-two 14 W

The standard power adapter is delivered with the unit. Attach the 2-pin connector of the power supply unit to the PWR IN connector located on the rear panel and attach power cable to a power outlet.



Warning: Use any unit only with the power adapter supplied in the product package. Using another power supply may damage the unit.

Connector pin out

PWR IN		
2-pin 3.5 mm	Pin	Description
 + G	+	Power +24 VDC
	G	Ground

SERIAL

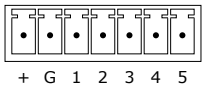
Bi-directional Serial RS-232/422/485 with Power 24 VDC

Overview

This bi-directional serial channel is used for RS-232, RS-422 and RS-485 communication and for power supply 24 VDC and it is applicable as SERIAL 1. Maximum speed is 115 200 Bd (bps). Default mode for all channels is RS-232, other modes must be set in programming application. For more details see programming manuals.

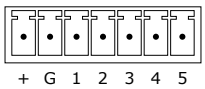
RS-232 Mode

Output signal levels for RS-232 are in the -10 V to +10 V range. This is default mode.

RS-232 with power 24 VDC				
7-pin 3.5 mm	Pin	Signal	Description	Direction
	+24	+24	Power +24 VDC	
	G	GND	Ground	
	1	TxD	RS-232 Transmitted Data	From controller
	2	RTS	RS-232 Request to Send	From controller
	3	GND	Ground	
	4	RxD	RS-232 Received Data	To controller
	5	CTS	RS-232 Clear to Send	To controller

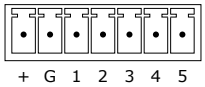
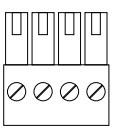
RS-422 Mode

This mode must be set in the programming application.

RS-422 with power 24 VDC				
7-pin 3.5 mm	Pin	Signal	Description	Direction
	+24	+24	Power +24 VDC	
	G	GND	Ground	
	1	Tx A+	RS-422 Transmit Data (Idles High)	From controller
	2	Tx B-	RS-422 Transmit Data (Idles Low)	From controller
	3	GND	Ground	
	4	Rx A+	RS-422 Receive Data (Idles High)	To controller
	5	Rx B-	RS-422 Receive Data (Idles Low)	To controller

RS-485 Mode (CUEwire)

This mode is suitable for connection of CUEwire devices and it must be set in the programming application. This mode can be also used for general RS-485 communication and must be set in the programming application.

SERIAL RS-485			
5-pin 3.5 mm	Pin	Signal	Description
 	+24	+24	Power +24 VDC
	G	GND	Ground
	1	A+	RS-485 Data +
	2	B-	RS-485 Data -
	3	GND	Ground
	4	N.C.	Not Connected
	5	N.C.	Not Connected

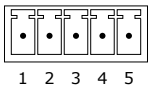
Bi-directional Serial RS-232/422/485

Overview

These bi-directional serial channels are used for RS-232, RS-422 and RS-485 communication. Maximum speed is 115 200 Bd (bps). Default mode for all channels is RS-232, other modes must be set in programming application. For more details see programming manuals.

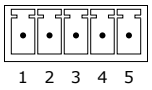
RS-232 Mode

Output signal levels for RS-232 are in the -10 V to +10 V range. This is default mode for all channels.

SERIAL RS-232				
5-pin 3.5 mm	Pin	Signal	Description	Direction
	1	TxD	RS-232 Transmitted Data	From controller
	2	RTS	RS-232 Request to Send	From controller
	3	GND	Ground	
	4	RxD	RS-232 Received Data	To controller
	5	CTS	RS-232 Clear to Send	To controller

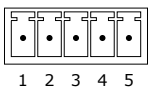
RS-422 Mode

This mode must be set in the programming application.

SERIAL RS-422				
5-pin 3.5 mm	Pin	Signal	Description	Direction
	1	Tx A+	RS-422 Transmit Data (Idles High)	From controller
	2	Tx B-	RS-422 Transmit Data (Idles Low)	From controller
	3	GND	Ground	
	4	Rx A+	RS-422 Receive Data (Idles High)	To controller
	5	Rx B-	RS-422 Receive Data (Idles Low)	To controller

RS-485 Mode

This mode must be set in the programming application.

SERIAL RS-485			
5-pin 3.5 mm	Pin	Signal	Description
	1	A+	RS-485 Data +
	2	B-	RS-485 Data -
	3	GND	Ground
	4	N.C.	Not Connected
	5	N.C.	Not Connected

IR/SERIAL

This type of port provides

- Output for infra-red emitters (IR Adapter /i, IR Sprayer), maximum IR output rate is 1.2 MHz.
- RS-232 serial output (one way), maximum serial data rate is 115 200 Bd (bps), output signal levels for RS-232 are in the -12 V to +12 V range.

The IR outputs and RS-232 outputs can be combined on independent outputs (for example three outputs can be used as IR, five outputs can be used as RS-232).

IR/SERIAL			
2-pin 3.5 mm	Pin	Signal	Description
	S	Signal	IR/Serial Signal (Output)
	G	GND	Ground

Notes

- All pins labelled G are connected together.
- Up to three original infra-red emitters IR Adapter /i can be connected to each output in parallel.
- Up to ten IR Sprayers can be connected to each output in parallel
- It is not recommended to connect more infra-red emitters of various manufacturers in parallel because the output can be either overloaded or damaged.

GENERAL I/O

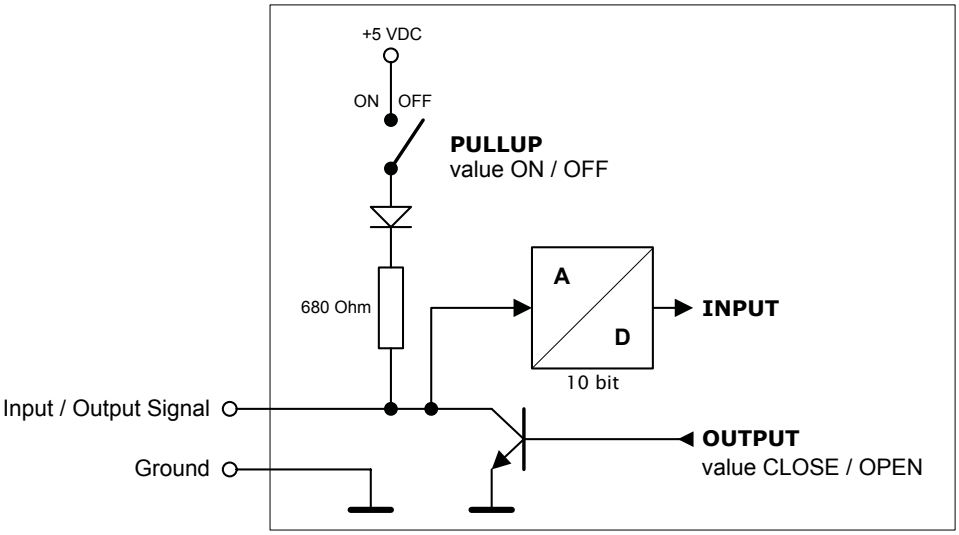
General I/O provides analog input as well as digital output. Each General I/O port can be used either as input or as output.

Pull-up resistor 680 ohms is connected to +5 VDC and can be switched on and off for each I/O independently. I/O voltage with pull-up on is approx. +4.3 VDC, because protection diode is connected in series (0.7 V dropdown).

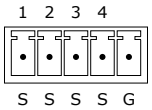
Analog input is rated 0 – 5 VDC. Analog to digital (A/D) converter has 10-bits precision (i.e. 1024 levels).

Digital output can switch max. 24 VDC / 80 mA. Output voltage for output switch on is approx. 0.6 V.

I/O schematic diagram



Connector pin out

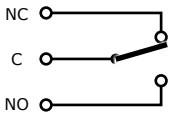
GENERAL I/O			
5-pin 3.5 mm	Pin	Signal	Description
	S	Signal	Input / Output Signal 1 – 4
	G	GND	Common ground for all I/Os

RELAY

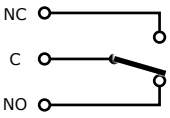
This port provides one isolated low voltage relay. Each relay contact closure is rated 24 V / 0.5 A.

Normally Close (NC) and Normally Open (NO) contacts as well as Common (C) contact of each relay can be used. The Normally Close (NC) position is the state of the relay when it is not turned on (energized).

Relay open



Relay close



Connector pin out

RELAY		
3-pin 3.5 mm	Pin	Description
 NC C NO	NC	Relay Contact Normally Close
	C	Relay Contact Common
	NO	Relay Contact Normally Open

AUDIO LINE

IN

This connector provides unbalanced line level audio.

AUDIO LINE IN			
3-pin 3.5 mm	Pin	Signal	Description
 L G R	L	Left	Left channel input
	G	GND	Ground
	R	Right	Right channel input

OUT

This connector provides un-amplified unbalanced line level audio. Connect audio devices, such as an audio amplifier or powered speakers to this connector.

AUDIO LINE OUT			
3-pin 3.5 mm	Pin	Signal	Description
 L G R	L	Left	Left channel output
	G	GND	Ground
	R	Right	Right channel output

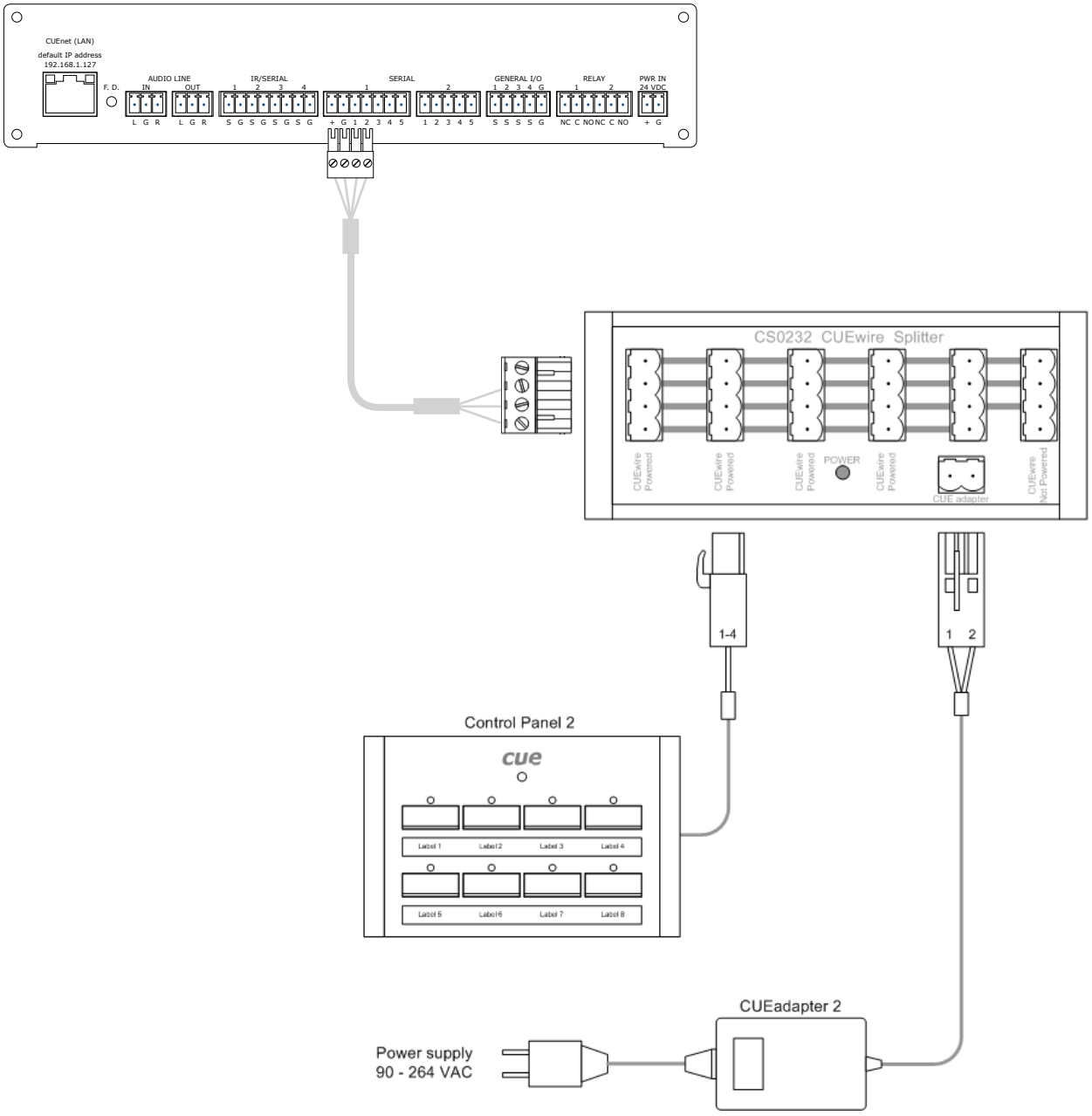
CUEwire Device Connection

All controllers are compatible with CUEwire devices as keyboards, keypads, sensors etc.

Serial port SERIAL 1 in mode RS-485 can be used for CUEwire connection as described on picture below. This port is equipped with 24 VDC output for CUEwire devices power supply.

All other serial ports SERIAL x can be used for CUEwire connection too, but they aren't equipped with 24 VDC output. That means CUEwire devices must be powered externally.

See following figure for CUEwire device connection.



Upload User Application

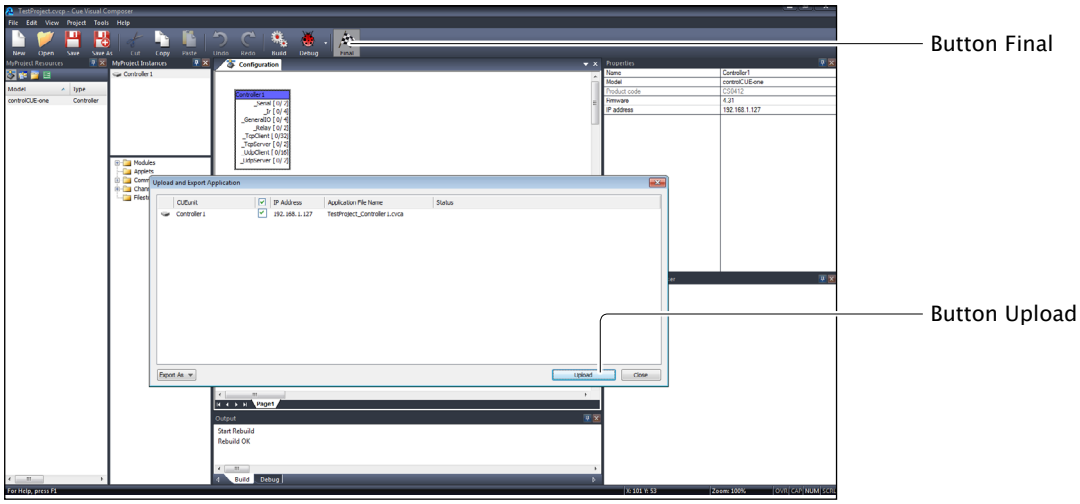
Overview

User application is dedicated to control and it is programmed by Cue Visual Composer programming tools.

Using Cue Visual Composer

Steps are

1. Connect controller to your computer as described in chapter Connecting / CUEnet (LAN).
2. Run Cue Visual Composer on your PC.
3. Open project in Cue Visual Composer. It's necessary to have appropriate controller properly inserted and configured.
4. Use tool bar button Final to open Upload and Export Application dialog box.
5. Be sure your controller is checked.

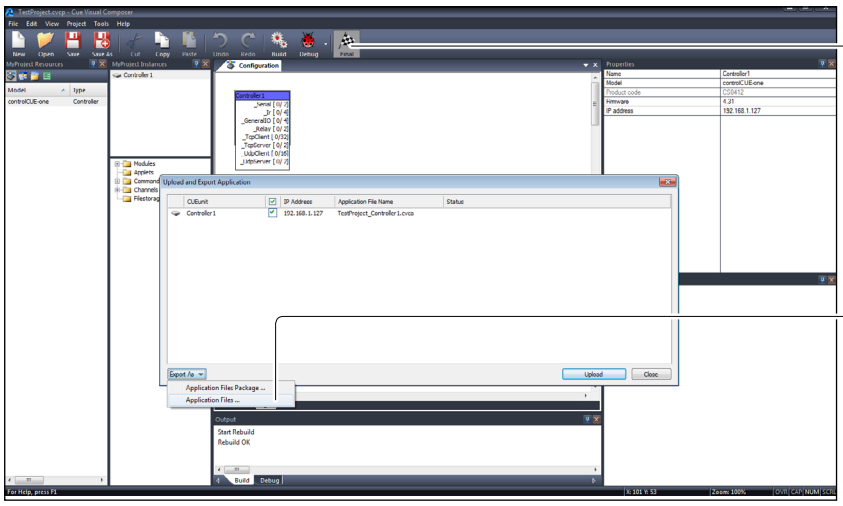


6. Use button Upload to start application upload.
7. If controller firmware isn't actual it will be uploaded automatically first and then application upload will be finished.

Using Admin Web

Steps are

1. Run Cue Visual Composer on your PC.
2. Open project in Cue Visual Composer. It's necessary to have appropriate controller properly inserted and configured.
3. Use tool bar button Final to open Upload and Export Application dialog box.



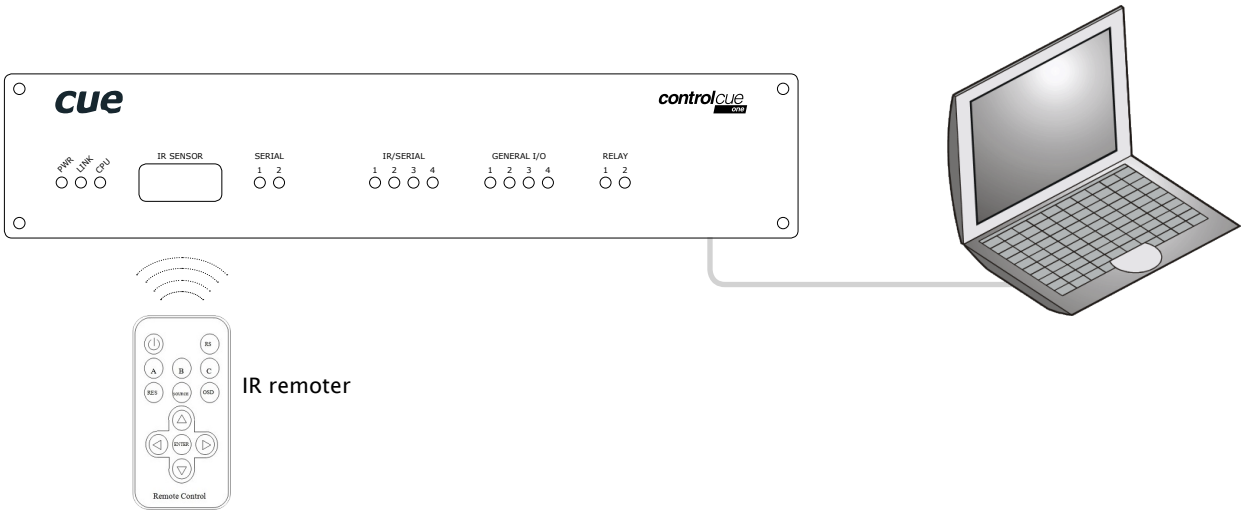
4. Be sure your controller is checked.
5. Use button Export As... and select Application Files ...to export application and store it in file *.cvca.
6. Connect controller to your computer as described in chapter Connecting / CUEnet (LAN).
7. Run the Internet browser on your PC and type in the same controller IP address as you see in Cue Visual Composer project, window Properties / IP address.
8. Admin Web is shown.
9. Go to page System and check current firmware version. In case there is no actual controller firmware version, upload firmware version that corresponds to firmware version in the Cue Visual Composer project.
10. Go to page Applications and upload application file *.cvca.
11. Start uploaded application using button Start.

IR Capture

All controllers have possibility to capture IR codes. Captured IR codes can be used in all types of controllers, touch panels and touch panel controllers.

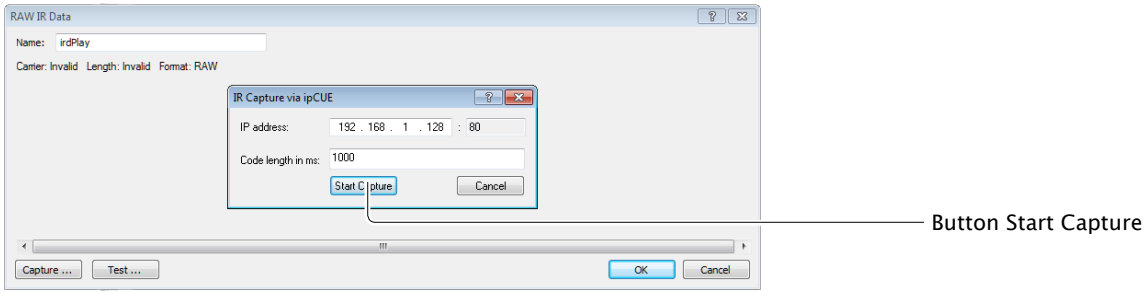
Steps are as follows

1. Connect controller to your PC as described in the chapter PC Connection.
2. Arrange IR remoter and controller as described below.



IR remoter

3. Start Cue Visual Composer and go to appropriate driver and command.
4. Push Start Capture button in Cue Visual Composer and then press appropriate button on IR remoter.



Button Start Capture

Factory and System Default

Configuration

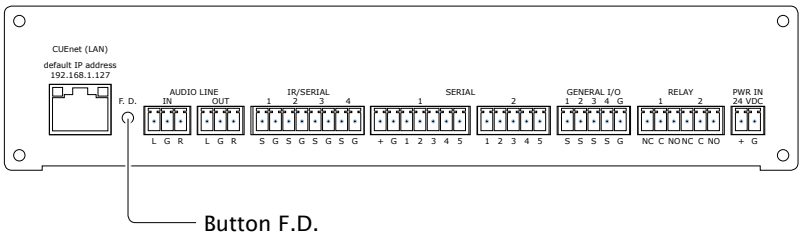
Every device shipped from the factory is set according to table bellow, Factory Default column.

			Factory Default	System Default
Configuration	Identification	Name	Empty	Not changed
	IP settings	Host name	Empty	Not changed
		IP address	192.168.1.127	192.168.1.127
		Subnet mask	255.255.255.0	255.255.255.0
		Default gateway	192.168.1.1	192.168.1.1
	DNS	Primary DNS server	Empty	Not changed
		Secondary DNS server	Empty	Not changed
Date and time	Date and Time	Day, month, year	Real	Not changed
		Hour, minute, second	Real	Not changed
		Time zone	(UTC) Coordinated Universal Time	Not changed
	Internet clock	Use Internet clock	Not	Not changed
		Primary NTP server	Empty	Not changed
		Secondary NTP server	Empty	Not changed
Applications			Empty	Not changed
File storage			Empty	Not changed
System	Firmware		Current version	Not changed
Password			Empty	Empty

Restoring System Default

The main purpose of this functionality is to regain connection with lost password or unknown IP settings.

Press button F.D. until the CPU LED indicator will flash to confirm the system default function is performed according to table above, System Default column.

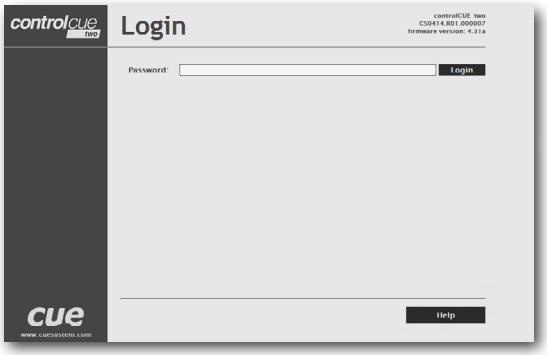


Admin Web

Access Admin Web

Run the Internet browser on your PC and type in the controller IP address. Factory default IP address is 192.168.1.127. The default password is empty.

Login



This screen isn't displayed if password is empty (factory default status).

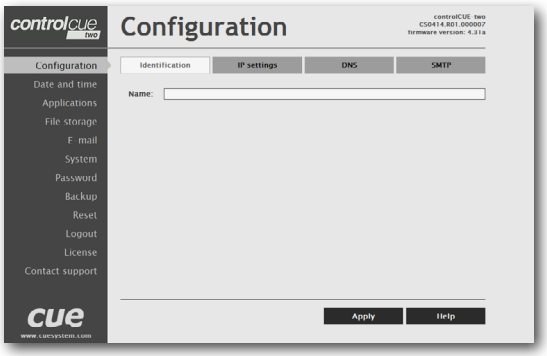
If password isn't empty, you have to login at first for operating with your CUEunit via these web pages.

Enter your password into the Password box and click the Login button to enter the CUEunit web pages.

Remember that the password is case sensitive. For changing your password use the Password menu after you are logged in.

Configuration

Identification

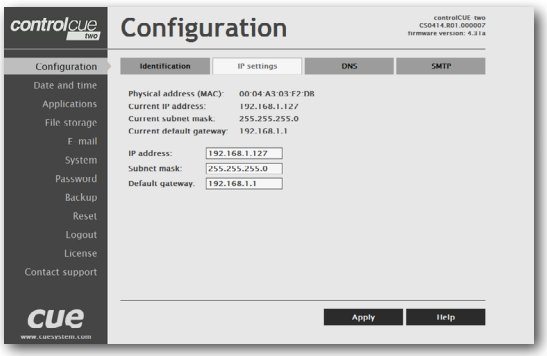


Each CUEunit can be identified by a unique identification name. Unique names are most useful in applications requiring more than one CUEunit. This enables programmers and installers to reference CUEunits with logical, user friendly names, like "boardroom," "lobby," etc.

To set the CUEunit identity, enter the unique name you wish to use in the Name box.

Be sure to click the Apply button for any changes to become effective!

IP Settings



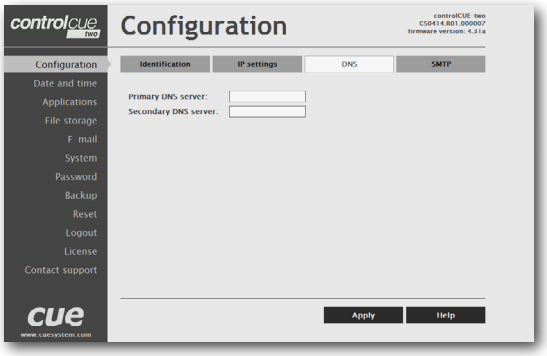
This page is used for setting the communication parameters for your CUEunit.

The CUEunit uses standard internet protocol (IP) communication parameters. Certain parameters can be reset by the user. On start up, this page will display the CUEunit's given Physical address (MAC), Current IP address. Carefully note this addressing information (and any changes you elect to make to the IP address, subnet mask, or default gateway). This information must be entered into the Cue Visual Composer program written for your specific application. For control systems with more than one CUEunits, a unique IP address must be given to each CUEunit.

Some control systems are "stand alone" and not part of a larger network. For such "stand alone" systems, the Host name is optional. However, for control systems that are connected to a larger network, please obtain the Host name from the network administrator, and enter it into the corresponding box. DHCP is not supported in this release.

Be sure to click the Apply button for any changes to become effective!

DNS



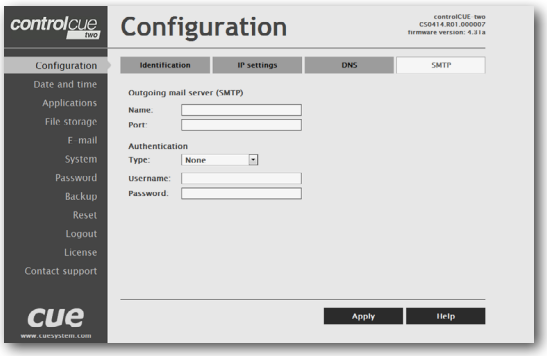
This page is used for setting parameters of your CUEunit's DNS server.

On start up, this page will display the CUEunit's given Current primary DNS server, Current secondary DNS server. You can reset the primary DNS server and secondary DNS server manually by entering your changes into the appropriate boxes.

DHCP is not supported in this release.

Be sure to click the Apply button for any changes to become effective!

SMTP



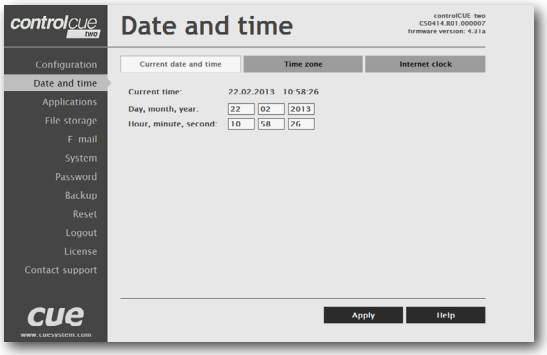
This page is used for setting parameters of SMTP server. Set a name or an address and the port of your SMTP server.

The SMTP server and port are used by the XPL2 commands EmailSend and PresetEmailSend.

Be sure to click the Apply button for any changes to become effective!

Date and Time

Current Date and Time



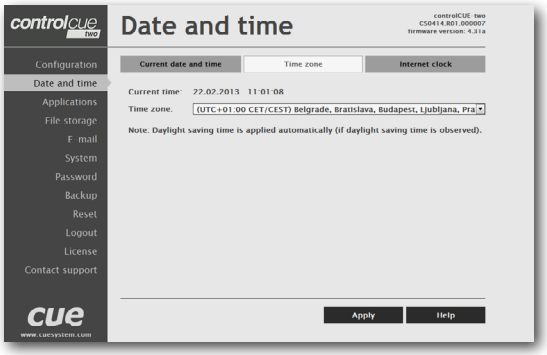
This page is used for setting the time clock on your CUEunit. The current date, time, and time zone are shown on the Current time line.

The applicable boxes can be selected to enter changes to the

- date: day/month/year,
- time: hour/minute/second.

Be sure to click the Apply button for any changes to become effective!

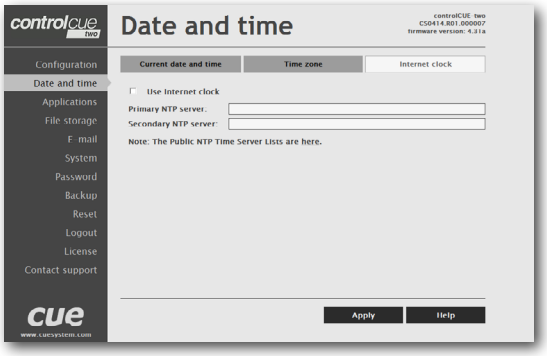
Time Zone



This page is used for setting the time zone on your CUEunit. The current date, time, and time zone, are shown on the Current time line. The time zone box can be selected to enter changes to the Time zone.

Be sure to click the Apply button for any changes to become effective!

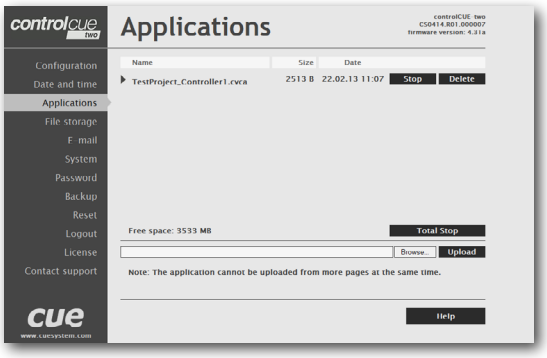
Internet Clock



This page is used for synchronization of the CUEunit's date and time with an internet clock. Begin by selecting the check box for Use Internet clock. Next, enter the IP addresses (or complete address name) of the primary and secondary NTP servers. Use the Primary NTP server and Secondary NTP server boxes for this purpose.

Be sure to click the Apply button for any changes to the internet clock to become effective!

Applications



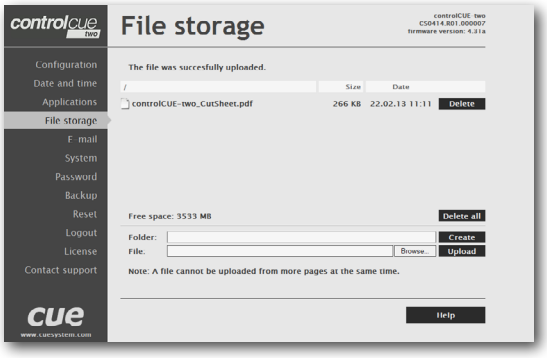
This page is used for uploading compiled Cue Visual Composer programs to your CUEunit.

All uploaded applications are listed on this page, along with their file properties: file name/file size/date. The CUEunit has a generous memory; unused free space is shown at the bottom of this page. CUEunit also permits other service functions like deleting files, downloading programs back to a personal computer, and starting/stopping specific applications.

A “running flag” denotes the active application. The running application can be stopped via the Start/Stop button. Likewise, a stopped application can be restarted with the Start/Stop button.

Files are uploaded from a personal computer to the CUEunit by selecting the desired application program, and clicking the Upload button. Files are downloaded from the CUEunit to a personal computer by clicking the File name. Files are easily deleted with the Delete button. The button Total stop stops a running application. This application will not be automatically started after reset.

File Storage



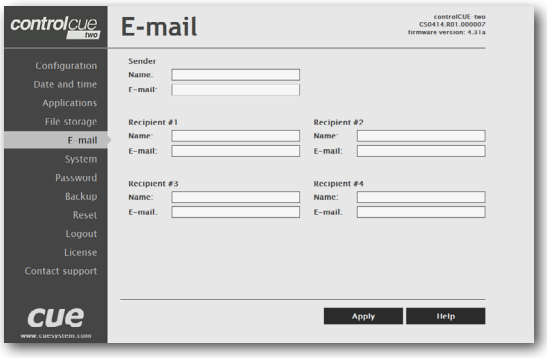
The CUEunit’s generous memory can be used as an auxiliary file storage device. This is helpful for storing presets, in archiving electronic manuals, pdf files, and other support documentation. File storage is managed via the file storage page.

A list of existing files, folders, and their properties is shown. To delete a file or a folder, click the Delete button on the corresponding line. To delete all files and folders from the current folder, click the Delete All button.

To create a new folder, enter a name for the new folder, and click the Create button. To upload a file, select the desired file, and click the Upload button.

Note: Files are automatically compressed for the CUEunit’s internal file system. Accordingly, the size of your uncompressed file before storing may not match the decrease of free space shown on the CUEunit.

E-mail



This page is used for setting parameters of e-mail parameters and recipients addresses.

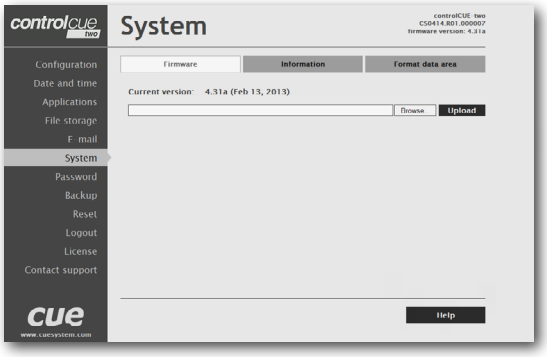
The SMTP server must be set. See the Configuration/SMTP setting.

The sender Name and E-mail are addresses of your CUEunit. The sender Name and E-mail are used by the XPL2 commands EmailSend and PresetEmailSend.

The recipient Names and E-mails are addresses of recipients, where e-mails will be sent using the XPL2 command PresetEmailSend.

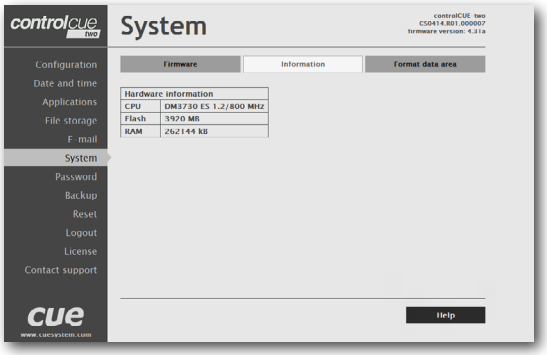
System

Firmware



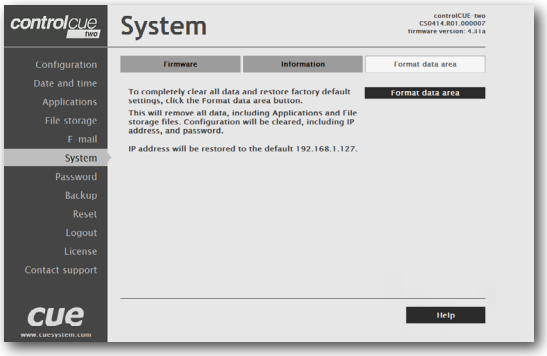
This page is used for updating the CUEunit firmware. The Current version of firmware is shown. To upload new firmware, select the desired version, and click the Upload button.

Information



The page shows basic information about your CUEunit's hardware. The CPU type, CPU frequency, and the flash and RAM memory sizes are shown.

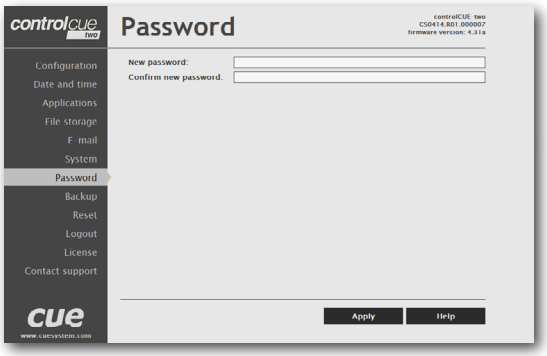
Format Data Area



To completely clear all data and restore factory default settings, click the Format data area button.

This will remove all data, including Applications and File storage files. Configuration will be cleared, including IP address and password. IP address will be restored to the default 192.168.1.127.

Password



A case sensitive password is necessary to login to the admin web pages. Set a new password via the New password box. You must reenter the password in the Confirm new password box. An error message will appear if the confirmation does not match, in which case you should reenter your password again in both boxes.

Finally, the new password is implemented by clicking the Apply button.

Backup

Backup

The page is used for the backup applications, files, folders and CUEunit's configuration. The Backup copies all Applications, Application data, File storage and CUEunit's settings to the one archive. This archive is saved to the PC. To start the backup process, click the Backup button.

Note: To see the backed-up/restored applications, click the Applications menu. To see backed-up/restored files and folders, click the File Storage menu. The page is used for the backup of all applications, files and folders.

Restore

READ ALL IMPORTANT NOTES THAT FOLLOW BEFORE USING THIS OPERATION!

The page is used for the restoring of all applications, files and folders. Restore copies of all applications, files, and folders from a backup archive on the PC to their corresponding locations on the CUEunit.

To start the restore process, select the desired backup archive, then click the Restore button. The restore process can take up to 10 minutes, depending on the size of the files being restored.

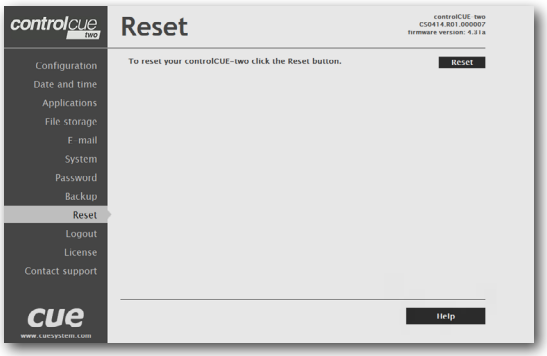
If you want CUEunit's settings will be restored too, check the "Restore configuration" box. The CUEunit's settings are accessible via the Configuration, Date and time and Password menus.

Important note: actual password and IP settings will be restored too.

Important note: When restoring files, the running application will be stopped and all applications, files, and folders currently stored in the CUEunit will be deleted! If you want to retain them, use the Backup command before the Restore command.

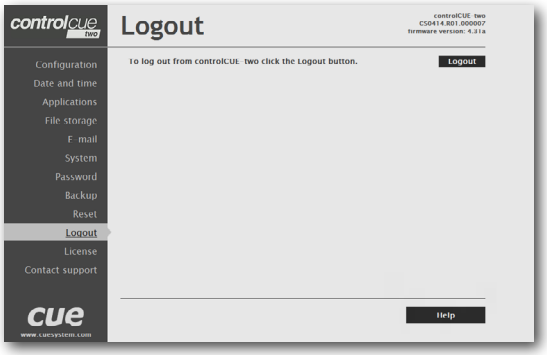
Note: To see the backed-up/restored applications, click the Applications menu. To see backed-up/restored files and folders, click the File Storage menu.

Reset



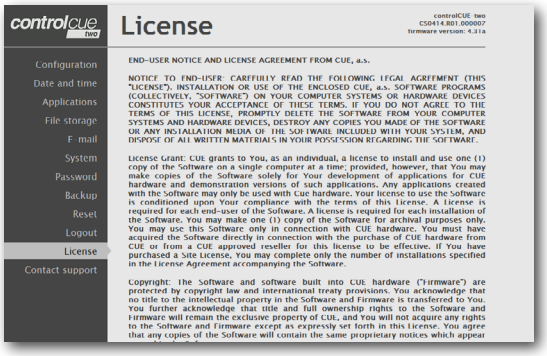
To restart your CUEunit, click the Reset button.

Logout



This screen isn't displayed if password is empty (factory default status).

License



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