



Command Line Interface API for the

EasyIP Dock

Software version 106.1.0

July 2026

NAME

audio config

SYNOPSIS

```
audio config recall { factory <1> | custom <1-16> }
audio config store custom <1-16>
audio config delete custom <1-16>
```

DESCRIPTION

Method used to get/set/delete the audio config

OPTIONS

```
recall Recall an audio config
store Store a custom audio config
custom A custom audio config (can be stored or recalled)
factory A factory audio config (can be recalled)
```

EXAMPLES

```
audio config recall factory 1
Recalls the audio config 1 on the device
```

NAME

audio crosspoint-gain

SYNOPSIS

```
audio <output> crosspoint-gain <input> { get | set <level> }
```

DESCRIPTION

Method used to get or set the input routing gain for a given output and input of the matrix mix

For set commands, a value in the range of [-12.0, 12.0] dB must be entered.

OPTIONS

```
<output>
line_out
easyip_out_left
easyip_out_right
dante_out_1
dante_out_2
dante_out_3
dante_out_4
dante_out_5
dante_out_6
dante_out_7
dante_out_8
usb3_record_left
usb3_record_right
```

```
<input>
line_in
hdmi_in_left
hdmi_in_right
easyip_in_left
easyip_in_right
dante_in_1
dante_in_2
dante_in_3
dante_in_4
dante_in_5
dante_in_6
dante_in_7
dante_in_8
usb3_playback_left
usb3_playback_right
```

```
get Get the routing gain for the chosen output and input
```

set Set the routing gain for the chosen output and input

EXAMPLES

```
audio usb3_record_left crosspoint-gain auto_mic_mix set 6.00
Sets the crosspoint gain of USB record left and auto_mic_mix to 6
dB
----
audio line_out crosspoint-gain hdmi_in_left get 3.95
Returns the current gain setting of the crosspoint between line
output and HDMI input left in dB
```

NAME

audio mute

SYNOPSIS

audio <channel> mute { get | on | off | toggle }

DESCRIPTION

Method used to get or set the current audio mute

OPTIONS

```
<channel>
master
line_out
hdmi_out_left
hdmi_out_right
easyip_out_left
easyip_out_right
dante_out_1
dante_out_2
dante_out_3
dante_out_4
dante_out_5
dante_out_6
dante_out_7
dante_out_8
usb3_record_left
usb3_record_right
line_in
hdmi_in_left
hdmi_in_right
easyip_in_left
easyip_in_right
dante_in_1
dante_in_2
dante_in_3
dante_in_4
dante_in_5
dante_in_6
dante_in_7
dante_in_8
usb3_playback_left
usb3_playback_right
get Get the current audio mute
on Set audio mute to on
off Set audio mute to off
toggle Toggle the audio mute
```

EXAMPLES

```
audio master mute get
mute: off
Returns state of the master mute
----
audio line_in mute on
```

Mutes the line input

NAME

audio route

SYNOPSIS

audio <output> route { get | set [<inputs>..] }

DESCRIPTION

Method used to get or set the input routing for a given output of the matrix mix

usb_record is not allowed to have usb_playback in its route list.
The designated master output cannot have the auto_mic_mix input in its route list.

OPTIONS

<output>

line_out

easyip_out_left

easyip_out_right

dante_out_1

dante_out_2

dante_out_3

dante_out_4

dante_out_5

dante_out_6

dante_out_7

dante_out_8

usb3_record_left

usb3_record_right

get Get the inputs currently routed to the chosen output

set Set the following inputs to be routed to the chosen output

<input>

auto_mic_mix

line_in

hdmi_in_left

hdmi_in_right

easyip_in_left

easyip_in_right

dante_in_1

dante_in_2

dante_in_3

dante_in_4

dante_in_5

dante_in_6

dante_in_7

dante_in_8

usb3_playback_left

usb3_playback_right

EXAMPLES

audio usb3_record_left route set auto_mic_mix

Routes the auto mic mix into the usb record left channel

audio line_out route set hdmi_in_left hdmi_in_right line_in

Routes the HDMI input left and right channels and line in to line out

audio line_out route set

Nothing routed out line out 2

audio line_out route get

[line_in usb3_playback_left usb3_playback_right]

returns a list of inputs routed out line output 2

NAME

audio volume

SYNOPSIS

audio <channel> volume { get | up | down | set <level> }

DESCRIPTION

Method used to get or set the current audio volume.

OPTIONS

<channel>

master Get/Set/Bump the master volume

line_out_1 Get/Set/Bump the volume of the Line output

hdmi_out_left Get/Set/Bump the volume of HDMI output left

hdmi_out_right Get/Set/Bump the volume of HDMI output right

easyip_out_left Get/Set/Bump the volume of EasyIP out left

easyip_out_right Get/Set/Bump the volume of EasyIP out right

dante_out_1 Get/Set/Bump the volume of Dante output 1

dante_out_2 Get/Set/Bump the volume of Dante output 2

dante_out_3 Get/Set/Bump the volume of Dante output 3

dante_out_4 Get/Set/Bump the volume of Dante output 4

dante_out_5 Get/Set/Bump the volume of Dante output 5

dante_out_6 Get/Set/Bump the volume of Dante output 6

dante_out_7 Get/Set/Bump the volume of Dante output 7

dante_out_8 Get/Set/Bump the volume of Dante output 8

usb3_record_left Get/Set/Bump the volume of usb3 record left

usb3_record_right Get/Set/Bump the volume of usb3 record right

line_in Get/Set/Bump the volume of the Line input

hdmi_in_left Get/Set/Bump the volume of HDMI input left

hdmi_in_right Get/Set/Bump the volume of HDMI input right

easyip_in_left Get/Set/Bump the volume of EasyIP out left

easyip_in_right Get/Set/Bump the volume of EasyIP out right

dante_in_1 Get/Set/Bump the volume of Dante input 1

dante_in_2 Get/Set/Bump the volume of Dante input 2

dante_in_3 Get/Set/Bump the volume of Dante input 3

dante_in_4 Get/Set/Bump the volume of Dante input 4

dante_in_5 Get/Set/Bump the volume of Dante input 5

dante_in_6 Get/Set/Bump the volume of Dante input 6

dante_in_7 Get/Set/Bump the volume of Dante input 7

dante_in_8 Get/Set/Bump the volume of Dante input 8

usb3_playback_left Get/Set/Bump the volume of usb3 playback left

usb3_playback_right Get/Set/Bump the volume of usb3 playback

right

get Get the current audio volume

up Increment audio volume one half step

down Decrement audio volume one half step

set Set the audio volume level

EXAMPLES

audio master volume get

volume: 5.0 dB

Returns the current master volume

audio hdmi_in_left volume set 2.5

Sets the volume of HDMI input left to 2.5

NAME

automation tracking

SYNOPSIS

automation tracking { get | on | off | toggle }

DESCRIPTION

Method used to get or set the current tracking state

OPTIONS

get Get the current tracking state
on Enable the tracking
off Disable the tracking
toggle Toggle the current tracking state

EXAMPLES

```
automation tracking get
tracking enabled: true
Gets the current tracking state
----
automation tracking on
Enables tracking
----
automation tracking off
Disables tracking
----
automation tracking toggle
Toggles tracking
```

NAME

camera authenticate

SYNOPSIS

camera <1-4> authenticate <password>

DESCRIPTION

Method used to authenticate a particular camera

EXAMPLES

```
camera 1 authenticate password
Authenticates camera 1 using the password "password"
----
camera 2 authenticate MyPassword
Authenticates camera 2 using the password "MyPassword"
```

NAME

camera ccu get

SYNOPSIS

camera ccu get <key>

DESCRIPTION

Method used to get the ccu values of a connected camera

OPTIONS

<key>

all Gets all supported CCU information
auto_white_balance Gets auto_white_balance
red_gain Gets red gain value
blue_gain Gets blue gain value
backlight_compensation Gets backlight compensation
auto_iris Gets auto_iris mode
iris Gets iris value
gain Gets gain value
detail Gets detail value
chroma Gets chroma value
gamma Gets gamma value
wide_dynamic_range Gets wide_dynamic_range

EXAMPLES

```
camera ccu get iris
Gets the iris value for the camera
----
camera ccu get red_gain
```

Gets the red_gain for the camera

NAME

camera ccu scene

SYNOPSIS

camera ccu scene recall { factory <1-6> | custom <1-3> }
camera ccu scene store <1-3>

DESCRIPTION

Method used to get or set the ccu scene

OPTIONS

recall Recall a ccu scene
store Store a custom ccu scene
custom A custom scene (can be stored or recalled)
factory A factory scene (can be recalled)

EXAMPLES

camera ccu scene recall factory 2
Recalls the factory scene 2 on the camera

NAME

camera ccu set

SYNOPSIS

camera ccu set <key> <value>

DESCRIPTION

Method used to sets the ccu values

OPTIONS

<key>

auto_white_balance Sets auto white balance mode {on|off}
red_gain Sets red gain value <0-255>
blue_gain Sets blue gain value <0-255>
backlight_compensation Sets backlight compensation mode {on|off}
auto_iris Sets auto iris mode {on|off}
iris Sets iris value <0-11>
gain Sets gain value <0-11>
detail Sets detail value <0-15>
chroma Sets chroma value <0-14>
gamma Sets gamma value <-16-64>
wide_dynamic_range Sets wide dynamic range mode {on|off}

EXAMPLES

camera ccu set auto_iris off
Sets the auto_iris off on the camera

camera ccu set red_gain 10
Sets the red gain to be 10 on the camera

NAME

camera comm host

SYNOPSIS

camera <1-4> comm host { get | set <host> | unset }

DESCRIPTION

Method used to get, set and unset the comm host for a particular camera

OPTIONS

get Get the current host
set Set the current host
unset Unset the current host

EXAMPLES

camera 1 comm host get
Returns host for camera 1

```
camera 4 comm host set 192.168.1.255
Sets the host for camera 4 to 192.168.1.255
----
camera 2 comm host unset
Unsets the host of camera 2
```

NAME

camera focus

SYNOPSIS

```
camera <1-5> focus { { near [<speed>] | far [<speed>] } | stop }
camera <1-5> focus mode { get | auto | manual }
```

DESCRIPTION

Method used to focus the camera

OPTIONS

near Move the camera focus near (with optional speed)
far Move the camera focus far (with optional speed)
stop Stop the camera focus
mode Set the focus mode to auto or manual
speed Optional integer from 1-8 that represents the speed

EXAMPLES

```
camera 2 focus near
Focuses camera 2 near at the default speed
----
camera 1 focus far 8
Focuses camera 1 far at a speed of 8
----
camera 4 focus stop
Stops focus movement of camera 4
----
camera 1 focus mode get
Gets the focus mode of camera 1
```

NAME

camera home

SYNOPSIS

```
camera <1-4> home
```

DESCRIPTION

Method used to move a camera to home position

EXAMPLES

```
camera 2 home
Move camera 2 to home position
```

NAME

camera pan

SYNOPSIS

```
camera <1-4> pan { left [<speed>] | right [<speed>] | stop }
camera <1-4> get
camera <1-4> set <position> [<speed>] [no_wait]
```

DESCRIPTION

Method used to pan a camera

OPTIONS

left Move a camera left
right Move a camera right
stop Stop a camera movement
get Get absolute pan position
set Set absolute pan position
position Pan position in degrees
speed Optional integer from 1-24 that represents the speed
(Default: 12)

```

    no_wait Do not wait for camera movement to complete
EXAMPLES
    camera 1 pan left
    Pans camera 1 left at the default speed
    ----
    camera 2 pan right 20
    Pans camera 2 to the right at a speed of 20
    ----
    camera 3 pan stop
    Stops the pan movement of camera 3
    ----
    camera 2 pan set -45 20
    Pan camera 2 to 45 degrees left of home at a speed of 20
    ----
    camera 2 pan set 30 no_wait
    Pan camera 2 to 30 degrees right of home at a speed of 12,
    and return immediately

```

NAME

camera preset

SYNOPSIS

```

camera preset recall <1-16>
camera preset store <1-16> [save-ccu]

```

DESCRIPTION

Method used to recall and store camera presets

OPTIONS

```

recall Recall preset
store Store preset
save-ccu Saves CCU information as well in the preset

```

EXAMPLES

```

camera preset recall 3
Move the camera to preset 3
----
camera preset store 1
Store current camera position as preset 1
----
camera preset store 2 save-ccu
Store current camera position and CCU settings as preset 2

```

NAME

camera tilt

SYNOPSIS

```

camera <1-4> tilt { up [<speed>] | down [<speed>] | stop }
camera <1-4> tilt get
camera <1-4> tilt set <position> [<speed>] [no_wait]DESCRIPTION
Method used to tilt a camera

```

OPTIONS

```

up Move a camera up
down Move a camera down
stop Stop a camera movement
get Get the absolute tilt position
set Set the absolute tilt position
position Tilt position in degrees
speed Optional integer from 1-20 that represents the speed
(Default: 10)
no_wait Do not wait for camera movement to complete

```

EXAMPLES

```

camera 1 tilt up
Tilts camera 1 up at the default speed

```

```

----
camera 2 tilt down 20
Tilts camera 2 down at a speed of 20
----
camera 3 tilt stop
Stops the tilt movement of camera 3
----
camera 2 tilt set 45
Tilt camera 2 to 45 degrees above home position at default speed
----
camera 1 tilt set -10 5
Tilt camera 1 to 10 degrees down from home position at a speed of
5
----
camera 4 tilt set 10 no_wait
Tilt camera 4 to 10 degrees up from home position at a speed of
10,
returning immediately

```

NAME

camera zoom

SYNOPSIS

```

camera <1-4> zoom { in [<speed>] | out [<speed>] | stop }
camera <1-4> zoom get
camera <1-4> zoom set <magnification> [<speed>] [no_wait]

```

DESCRIPTION

Method used to zoom a camera

OPTIONS

```

in Zoom in
out Zoom out
stop Stop the camera movement
get Get the current magnification level
set Set the current magnification level
speed Optional integer from 1-7 for designating speed (Default:
3)
no_wait Do not wait for camera movement to complete

```

EXAMPLES

```

camera 1 zoom in
Zooms camera 1 in at the default speed
----
camera 5 zoom out 7
Zooms camera 5 out at a speed of 7
----
camera 1 zoom stop
Stops zoom movement of camera 1
----
camera 4 zoom get
Get magnification level of camera 4
----
camera 3 zoom set 3
Set current magnification level of camera 3 to 3x magnification
----
camera 2 zoom set 4 5 no_wait
Set current magnification level of camera 2 to 3x magnification
at speed 5, returning immediately

```

NAME

info all

SYNOPSIS

info all get
DESCRIPTION
Gets all the data from info
OPTIONS
get Get all the data from info

EXAMPLES
info all get
Product GenericTHING
Company Name Vaddio
Room Name Rick's cubicle
Room Phone Number (248) 434-5508
Help Phone Number (763) 971-4428

NAME
info product
SYNOPSIS
info product get
DESCRIPTION
Gets the product name
OPTIONS
get Get the product name

EXAMPLES
info product get
Product GenericTHING

NAME
info roomlabels
SYNOPSIS
info roomlabels get
DESCRIPTION
Gets all the user set room lables
OPTIONS
get Get the user set room labels

EXAMPLES
info roomlabels get
Company Name Vaddio
Room Name Rick's cubicle
Room Phone Number (248) 434-5508
Help Phone Number (763) 971-4428

NAME
monitor buttons
SYNOPSIS
monitor buttons
DESCRIPTION
Turns on input button monitoring. (Use Ctrl-C to exit).

EXAMPLES
monitor buttons
(When a button is pressed, a message will appear: <button name>
pressed)

NAME
network ping
SYNOPSIS
network ping [count <count>] [size <size>] <destination-ip>
DESCRIPTION
Use the ICMP protocol's mandatory ECHO_REQUEST datagram to elicit
an ICMP
ECHO_RESPONSE from a host or gateway. ECHO_REQUEST datagrams have

an IP and ICMP header, followed by a struct timeval and then an arbitrary number of pad bytes used to fill out the packet.

OPTIONS

count Stop after sending count ECHO_REQUEST packets. With deadline option, ping waits for count ECHO_REPLY packets, until the timeout expires. The default is 5.

destination The destination IP address where the ECHO_REQUESTS are sent

size The data size of the ICMP packet to send. The default is 56 bytes

EXAMPLES

```
network ping 192.168.1.1
```

```
Attempt to send 5 ICMP ECHO_REQUESTs with data size 56 to the host at 192.168.1.1
```

```
----
```

```
network ping count 10 size 100 192.168.1.1
```

```
Attempt to send 10 ICMP ECHO_REQUESTs with data size of 100 to the host at 192.168.1.1
```

NAME

network settings

SYNOPSIS

```
network settings { get }
```

DESCRIPTION

Method used to get the current network settings of the device

OPTIONS

get Get the current network settings for the machine

EXAMPLES

```
network settings get
```

```
MAC Address:      00:04:a3:85:0a:ee
```

```
IP Address:       10.10.8.116
```

```
Netmask:          255.255.255.0
```

```
Gateway:          10.10.8.100
```

Returns the current network settings for mac address, ip address, netmask, and gateway

NAME

streaming

SYNOPSIS

```
streaming settings get
```

DESCRIPTION

Method used to get the current streaming settings

OPTIONS

settings View streaming settings

EXAMPLES

```
streaming settings get
```

```
HID Audio_Controls true
```

```
Multicast false
```

```
Multicast TTL 5
```

```
USB Active false
```

```
USB Audio_Enumeration true
```

```
USB Resolution 0x0/0
```

```
UVC Extensions true
```

NAME

sleep

SYNOPSIS

```
sleep <duration>
```

DESCRIPTION

Method used to pause for a period of time (in milliseconds).
OPTIONS
 <duration> Positive integer of milliseconds to wait (1-10000)
EXAMPLES
 sleep 700
 Waits for 700 milliseconds before returning

NAME
 system factory-reset
SYNOPSIS
 system factory-reset { get | on | off }
DESCRIPTION
 Method used to get or set the factory reset status.
OPTIONS
 get Get the current factory reset status
 on Enable factory reset on reboot
 off Disable factory reset on reboot
EXAMPLES
 system factory-reset get
 factory-reset (software): off
 factory-reset (hardware): off
 Returns the factory reset status

 system factory-reset on
 factory-reset (software): on
 factory-reset (hardware): off
 Enables factory reset upon reboot

NAME
 system reboot
SYNOPSIS
 system reboot [<seconds>]
DESCRIPTION
 Method used to reboot system
OPTIONS
 seconds The number of seconds to delay the reboot
EXAMPLES
 reboot
 Reboot system immediately

 reboot 30
 Reboot the system in 30 seconds

NAME
 system standby
SYNOPSIS
 system standby { get | on | off | toggle }
DESCRIPTION
 Method used to put the system in and out of standby
OPTIONS
 get get the state of the system standby mode
 on put the system into standby mode
 off put the system out of standby mode
 toggle switches the standby mode state
EXAMPLES
 system standby get
 Gets the system standby state

 system standby on

```
Activates the system standby
-----
system standby off
Takes the system out of standby
-----
system standby toggle
Cameras in standby leave it. Cameras out of standby go into it.
```

NAME

```
trigger
```

SYNOPSIS

```
trigger <1-50> { on | off } [block [<seconds>]]
```

DESCRIPTION

Method used to turn a software trigger on or off (latching). The command can either return immediately or "block" until all macros initiated by the state change finish. This method is disabled while triggers are in 'test mode' via the web.

OPTIONS

```
on Turn trigger on
off Turn trigger off
block optionally block (if omitted, the command will return
immediately)
seconds number of seconds to wait (if blocking) before giving up
(default: 60)
```

EXAMPLES

```
trigger 2 on
Puts trigger 2 in an 'on' state
----
trigger 3 off block 10
Puts trigger 3 in an 'off' state and blocks for a maximum of 10
seconds while waiting
for any macros that began executing to finish.
```

NAME

```
ui
```

SYNOPSIS

```
ui <agent> { get | set [ factory | custom <ID> ] }
```

DESCRIPTION

Method used to get or set a UI for a particular destination

OPTIONS

```
get gets the UI for the agent
set sets the UI for the agent
<agent> The device/location the UI is being displayed to
browser UI for the guest user that logs in
vdc Vaddio Device Controller
obs OBS studio web part
<ID>
uint index of UI config
```

EXAMPLES

```
ui browser get
ID: factory 2
The browser agent is currently set to the 2nd factory UI option.
----
ui browser set factory 1
Set the browser to the first factory UI option
```

NAME

```
version
```

SYNOPSIS

version

DESCRIPTION

Method used to display version information

EXAMPLES

version

Returns the current software version

NAME

video mute

SYNOPSIS

video mute { get | on | off | toggle }

DESCRIPTION

Method used to get or set video mute

OPTIONS

get Get the current video mute

on Set video mute to on

off Set video mute to off

toggle Toggle the video mute

EXAMPLES

video mute get

Get current video mute setting

video mute toggle

Toggles the current video mute setting

video mute on

Mutes video

video mute off

Unmutes video

NAME

video osd

SYNOPSIS

video osd { get | on | off }

DESCRIPTION

Method used to get or set on screen display

OPTIONS

get Get's whether OSD is on or off

on Set OSD to on

off Set OSD to off

EXAMPLES

video osd get

Get whether OSD is on or off

video osd on

turns on the on screen display

video osd off

turns off the on screen display

NAME

video source

SYNOPSIS

video source { get | set <source> }

DESCRIPTION

Method used to get or set the video output source

OPTIONS

```
get Get the current output source
set Set the current output source { input1 | input2 | input3 |
input4 }
```

EXAMPLES

```
video source get
source: input 1
Gets the current output source
----
video source set input4
Sets the output source to input4
```

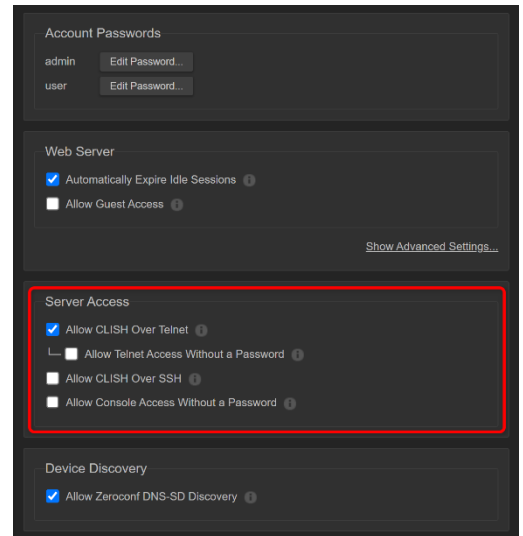
Command Line Interface SHell (CLISH) API reference

Requirements

- SSH (recommended) or Telnet must be enabled on the Security page of the device's web interface.
- Your computer or third-party control system must have a suitable SSH or Telnet client.
- Your computer or third-party control system must be able to connect to the device over the network.

When you start a CLISH session, you must log in using the admin account.

For a Telnet connection (or if the device supports it, for the serial console) the authentication requirement can be disabled.



Usage notes

- In addition to the control commands, session management commands are available – help, history, and exit.
- CTRL-5 clears the current serial buffer on the device.

Getting more information

Use a question mark as a command or command parameter to display a list of available commands, subcommands, or command parameters.

For example, `?` returns all top-level commands; **network ?** returns the valid subcommands for the network command; and **network ping ?** returns the parameters available for the network ping command.

Firmware updates sometimes implement new command parameters. Make sure to reference the latest version of this document to get the current list of supported commands.

Typographical conventions

- `{ x | y | z }` – Choose x, y, or z.
- `<variable>` – The named variable (such as `<ip address>`) is required.
- `< x..y >` – A value in the range of x through y is required.
- `[parameter]` – The parameter (such as `[speed]`) is optional.

Vaddio is a brand of Legrand AV Inc. · www.legrandav.com · Phone 800.572.2011 / +1.763.971.4400
· Email Europe, Middle East, Africa: av.emea.vaddio.support@legrand.com · All other regions:
av.vaddio.techsupport@legrand.com

Vaddio is a registered trademark of Legrand AV Inc. All other brand names or marks are used for identification purposes and are trademarks of their respective owners. All patents are protected under existing designations. Other patents pending.

©2026 Legrand AV Inc.

A brand of  **legrand**[®]

VADDIO[®]

A brand of  **legrand**[®]