Access Series LCD Panels

External Commands

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e. Use of third party product enclosures for environmental protection during outside use must be approved by Christie.

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g. Except where the product is designed for outdoor use, problems or damage caused by use of the product outdoors unless such product is protected from precipitation or other adverse weather or environmental conditions and the ambient temperature is within the recommended ambient temperature set forth in the specifications for such product.

h. Image retention on LCD flat panels.

i. Defects caused by normal wear and tear or otherwise due to normal aging of a product.

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The product has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the product is operated in a commercial environment. The product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of the product in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at the user's own expense.

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ENVIRONMENTAL

The product is designed and manufactured with high-quality materials and components that can be recycled and reused. This symbol ⌧ means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from regular waste. Please dispose of the product appropriately and according to local regulations. In the European Union, there are separate collection systems for used electrical and electronic products. Please help us to conserve the environment we live in!

Content

Introduction

This document provides information and procedures for using serial commands (ASCII text messages) to control the product.

RS232 communication parameters

The RS232 IN port has several communication parameters.

Parameter	Value
Default baud rate	115200
Parity	None
Data bits	8
Stop bits	1
Flow control	None

When the baud rate is set to 38400, the panel remains at that baud rate when in an ON and OFF state. When the baud rate is set to 115200, it returns to baud rate 38400 when it is in an OFF state. To use the Wake on RS232 command, the connection to the display panel must be configured with 38400 baud rate.

To change the baud rate, on the panel select **Signage Settings** > **Controls** > **UART0** > **ASCII** and select the baud rate.

Connecting to the RS232 port

Use an RS232 connection to remotely access display controls and image setups, issue commands or queries, and receive replies.

1. Connect one end of a straight through DB9 connector serial RS232 cable to the display panel RS232 port.
2. Connect the other end of the cable to a computer.

Setting up terminal programs

Learn how to configure terminal programs for proper echoing.

> When using any terminal program other than PuTTy, you must include a carriage return (\r) and a line feed (\n) after all API commands.

Configure the settings for your terminal program.

- **TeraTerm**

   a. Select **Setup** > **TCP/IP** and set:
   - Host: IP address
   - TCP port#: 1986
   - Telnet: checked

   b. Select **Setup** > **Terminal** and set:
   - Local echo: checked
   - Transmit: CR+LF

- **HyperTerm**

  Select **File** > **Properties** > **ASCII setup** and set:
  - Send line ends with line feeds: checked
  - Echo typed characters locally: checked

- **TCP**

  Select **File** > **Properties** > **ASCII setup** and set:
  - Host: IP address
  - Telnet: unchecked
  - TCP port#: 1986

Setting up the Ethernet

To use Ethernet, the LAN (Standby) setting of the projector must be enabled and the display panel must be in Standby mode.

1. Download the Wake On LAN (WOL) software.

   Free Wake On LAN software packages are available for downloading from the internet. The steps below are for the Aquilia WOL software.

2. To open WakeOnLAN, select the downloaded file and click **New Host**.

3. Select the Wake Up page.

   a) Enter the MAC address, which is the same as the display panel.

   b) Enter the broadcast IP address.

      The domain is the same as the computer.

      For example, the IP address of the computer is 10.0.21.105, the subnet mask is 255.255.0.0, and the broadcast IP address is set to 10.0.255.255.

4. Enter any IP address in the FQDN/IP.

   Leave all other fields at their default values.

5. Select the newly added host, right-click, and select **Wake Up**.

Product documentation

For installation, setup, and user information, see the product documentation available on the Christie website. Read all instructions before using or servicing this product.

1. Access the documentation from the Christie website:

- Go to this URL:*http://bit.ly/2iUdjFs*.
- Scan the QR code using a QR code reader app on a smartphone or tablet.
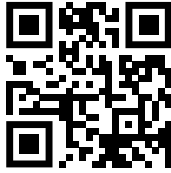
2. On the product page, select the model and switch to the **Downloads** tab.

Related documentation

Additional information on the LCD panels is available in the following documents.

- *Access Series LCD Panels Product Safety Guide (P/N: 020-102422-XX)*
- *Access Series LCD Panels Installation and Setup Guide (P/N: 020-102404-XX)*
- *Installing the Touch Overlay (P/N: 020-102431-XX)*
- *UHD551-L Service Guide (P/N: 020-102683-XX)*
- *UHD651-L Service Guide (P/N: 020-102685-XX)*
- *UHD751-P Service Guide (P/N: 020-102686-XX)*
- *UHD861-P Service Guide (P/N: 020-102744-XX)*

RS232 commands

The UHD Display Panels commands can be used to modify product settings.

When using any terminal program other than PuTTy, you must include a carriage return (\r) and a line feed (\n) after all API commands.

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AUTOPOS

Automatically position the image on the display panel.

Commands

Command	Description	Values
AUTOPOS	Automatically positions the image on the display panel.	—

Examples

Automatically position the image on the display panel.

```
AUTOPOS
```

Result:

```
#*set auto position
```

CHANGELNG

Change the language used in a specific area of the display panel.

Commands

Command	Description	Values
CHANGELNG <area> <language>	Changes the language used in a specific area of the display panel.	Area • 0 = System Language • 1 = Event Language • 2 = Primary Audio Language • 3 = Secondary Audio Language • 4 = Primary Subtitle Language • 5 = Secondary Subtitle Language • 6 = Primary Teletext Language • 7 = Secondary Teletext Language Language • 0 = Danish • 1 = German • 2 = Estonian • 3 = English • 4 = Spanish • 5 = Greek

Command	Description	Values
		• 6 = French
		• 7 = Gaelic
		• 8 = Croatian
		• 9 = Italian
		• 10 = Latvian
		• 11 = Lithuanian
		• 12 = Hungarian
		• 13 = Dutch
		• 14 = Norwegian
		• 15 = Polish
		• 16 = Portuguese
		• 17 = Russian
		• 18 = Romanian
		• 19 = Albanian
		• 20 = Slovenian
		• 21 = Slovak
		• 22 = Serbian
		• 23 = Finnish
		• 24 = Swedish
		• 25 = Turkish
		• 26 = Czech
		• 27 = Ukranian
		• 28 = Bulgarian
		• 29 = Arabic
		• 30 = Persian
		• 31 = Hebrew
		• 32 = Belarussian
		• 33 = Macedonian
		• 34 = Montenegrin
		• 35 = Kazakh
		• 36 = Thai

Examples

Change the system language to French.

```
CHANGELNG 0 6
```

Result:

```
#*Active language was changed
```

COLOURTEMP

Set the color temperature.

Commands

Command	Description	Values
COLOURTEMP <value>	Sets the color temperature.	• normal • warm • cool

Examples

Set the color temperature to cool.

```
COLOURTEMP cool
```

Result:

```
#*setColourTemp() set to cool
```

CONTRASTDOWN

Decrease the contrast level by one step.

Commands

Command	Description	Values
CONTRASTDOWN	Decreases the contrast level by one step.	—

Examples

Decrease the contrast level by one step.

```
CONTRASTDOWN
```

Result:

```
#*Picture contrast value is set to 5
```

CONTRASTUP

Increase the contrast level by one step.

Commands

Command	Description	Values
CONTRASTUP	Increases the contrast level by one step.	—

Examples

Increase the contrast level by one step.
CONTRASTUP
Result:
#*Picture contrast value is set to 7

DOTCLOCK

Set the dot clock.

Commands

Command	Description	Values
DOTCLOCK	Set the dot clock.	-50 to 50

Examples

Set the dot clock to 12.
DOTCLOCK 12
Result:
#*set dot clock to 12

get_IP_address

Display the IP address of the eth0 network interface.

Commands

Command	Description	Values
get_IP_address	Displays the IP address of the eth0 network interface.	—

Examples

Display the IP address of the eth0 network interface.
`get_IP_address`

GETAVL

Displays the current AVL setting.

Commands

Command	Description	Values
GETAVL	Displays the state of AVL.	• 0 = Off • 1 = On

Examples

Display the AVL state.
`GETAVL`
Result:
`#*avl state is 0`

GETBALANCE

Displays the current balance setting.

Commands

Command	Description	Values
GETBALANCE	Gets the balance value	—

Examples

Display the balance value.
`GETBALANCE`
Result:
`#*balance level is -20`

GETBRIGHTNESS

Display the current brightness setting.

Commands

Command	Description	Values
GETBRIGHTNESS	Displays the current brightness setting.	—

Examples

Display the current brightness setting.

GETBRIGHTNESS

Result:

#*Picture brightness value is set to 25

GETCOLOUR

Display the picture color setting.

Commands

Command	Description	Values
GETCOLOUR	Displays the picture color setting.	—

Examples

Display the picture color setting.

GETCOLOUR

Result:

#*The colour value : 43

GETCOLOURTEMP

Display the current color temperature setting.

Commands

Command	Description	Values
GETCOLOURTEMP	Display the current color temperature setting.	—

Examples

Display the current color temperature setting.
`GETCOLOURTEMP`
Result:
`#*Colour temp is warm`

GETCONTRAST

Display the picture contrast setting.

Commands

Command	Description	Values
GETCONTRAST	Display the picture contrast setting.	—

Examples

Display the picture contrast setting.
`GETCONTRAST`
Result:
`#*THE CONTRAST VALUE : 25`

GETCOUNTRY

Display the current country setting.

Commands

Command	Description	Values
GETCOUNTRY	Displays the country setting.	—

Examples

Display the currently configured country.
`GETCOUNTRY`
Result:
`#*COUNTRY IS : Canada`

GETDEFAULTGATEWAY

Display the current default gateway.

Commands

Command	Description	Values
GETDEFAULTGATEWAY	Displays the current default gateway.	—

Examples

Display the current default gateway.

GETDEFAULTGATEWAY

Result:

#*the default gateway is 10.1.1.3

GETDIGITALOUT

Display the current digital out setting.

Commands

Command	Description	Values
GETDIGITALOUT	Get digital out state.	—

Examples

Display the status of digital out.

GETDIGITALOUT

Result:

#*digital out is pcm

or

#*digital out is compressed

GETDNS1 and GETDNS2

Display the DNS of server 1 or server 2.

Commands

Command	Description	Values
GETDNS1	Display the DNS of server 1.	—
GETDNS2	Display the DNS of server 2.	—

Examples

Display the DNS of server 1.

GETDNS1

Result:

#*DNS server 1 is 10.10.10.10

GETDOTCLOCK

Display the current dot clock settings.

Commands

Command	Description	Values
GETDOTCLOCK	Displays the current dot clock settings.	—

Examples

Displays the current dot clock settings.

GETDOTCLOCK

Result:

#*The dot clock is 12

GETDYNAMICBASS

Displays the current dynamic bass setting.

Commands

Command	Description	Values
GETDYNAMICBASS	Displays the dynamic bass set.	• 0 = Off • 1 = On

Examples

Display the current dynamic bass set.

GETDYNAMICBASS

Result:

#*The dynamic bass state is 0.

GETENERGYSAVING

Display the current energy saving mode.

Commands

Command	Description	Values
GETENERGYSAVING	Displays the current energy saving mode.	—

Examples

Display the current energy saving mode.

GETENERGYSAVING

Result:

#*The energy saving mode is on

GETEQUSERFREQ

Display the equalizer setting for a specific band.

Commands

Command	Description	Values
GETEQUSERFREQ <band>	Displays the equalizer setting for a specific band.	-12 to 12

Examples

Display the equalizer setting for 120Hz.

`GETEQUSERFREQ 120Hz`

Result:

`#*the equalizer value for the band is 10`

GETEQMODE

Displays the current equalizer mode setting.

Commands

Command	Description	Values
GETEQMODE	Get the equalizer mode.	• Music • Movie • Speech • Flat • Classic • User

Examples

Display the equalizer mode.

`GETEQMODE`

Result:

`#*the equalizer mode is Movie`

GETFREESPACE

Display the amount of free space on the connected USB device.

Commands

Command	Description	Values
GETFREESPACE	Displays the amount of space on the connected USB device, in mb.	—

Examples

Display the amount of free space on the connected USB device.

GETFREESPACE

Result:

#*The total space is 480 MB

GETHEADPHONEOUTPUT

Display the current headphone setting.

Commands

Command	Description	Values
GETHEADPHONEOUTPUT	Display the headphone status.	—

Examples

Display the headphone status.

GETHEADPHONEOUTPUT

Result:

#*LINEOUT

or

#*HEADPHONE

GETHEADPHONEVOLUME

Displays the volume level of the headphones.

Commands

Command	Description	Values
GETHEADPHONEVOLUME	Headphone volume level information	—

Examples

Display the volume level of the headphones.

GETHEADPHONEVOLUME

Result:

#*headphone volume level is 7

GETHPOS

Display the current horizontal position.

Commands

Command	Description	Values
GETHPOS	Displays the current horizontal position.	—

Examples

Display the current horizontal position.

GETHPOS

Result:

#*The horizontal position is -10

GETLED

Display the current status of the LED.

Commands

Command	Description	Values
GETLED	Displays the status of the LED.	—

Examples

Display the current status of the LED.
GETLED
Result:
#*LED is on

GETMENUTIMEOUT

Display the current menu timeout settings.

Commands

Command	Description	Values
GETMENUTIMEOUT	Displays the current menu timeout settings.	—

Examples

Display the current menu timeout settings.
GETMENUTIMEOUT
Result:
#*menu timeout mode is 15
or
#*menu timeout mode is OFF

GETMODELNO

Display the model number of the display panel.

Commands

Command	Description	Values
GETMODELNO	Displays the model number of the display panel.	—

Examples

Display the model number of the display panel.
GETMODELNO

GETMUTE

Displays the current mute setting.

Commands

Command	Description	Values
GETMUTE	Retrieves the status of mute.	—

Examples

Display the status of mute.

GETMUTE

Result:

#*MUTE OFF

or

#*MUTE ON

GETNETWORKTYPE

Display the network type setting.

Commands

Command	Description	Values
GETNETWORKTYPE	Display the network type setting.	—

Examples

Display the network type setting.

GETNETWORKTYPE

Result:

#*the network type is wired

GETOPSPOWER

Displays the current power state of the OPS.

Commands

Command	Description	Values
GETOPSPOWER	Displays the current power state of the OPS.	—

Examples

Display the power status of the OPS.

GETOPSPOWER

Result:

#*The OPS is not plugged in

or

#*The OPS is on

or

#*The OPS is off

GETOSDORIENTATION

Display the orientation of the on-screen display.

Commands

Command	Description	Values
GETOSDORIENTATION	Displays the orientation of the on-screen display.	—

Examples

Display the orientation of the on-screen display.

GETOSDORIENTATION

Result:

#*The OSD orientation landscape

GETPICTUREMODE

Display the current picture mode setting.

Commands

Command	Description	Values
GETPICTUREMODE	Displays the current picture mode setting.	—

Examples

Display the current picture mode setting.

GETPICTUREMODE

Result:

#*Picture Mode is 3

GETPOWERONDELAY

Display the current power on delay setting.

Commands

Command	Description	Values
GETPOWERONDELAY	Displays the current power on delay setting.	—

Examples

Display the current power on delay setting.

GETPOWERONDELAY

Result:

#*The power on delay is 1200 ms

GETPOWERSAVE

Display the current power saving mode.

Commands

Command	Description	Values
GETPOWERSAVE	Displays the current power saving mode.	—

Examples

Display the current power saving mode.
GETPOWERSAVE
Result:
#*Powersavemode is ON

GETQUICKSTANDBY

Display the current state of quick standby.

Commands

Command	Description	Values
GETQUICKSTANDBY	Display the current state of SETQUICKSTANDBY.	—

Examples

Displays the current state of quick standby.
GETQUICKSTANDBY
Result:
#*Quick Standby is off.

GETRC

Display the current status of the remote control.

Commands

Command	Description	Values
GETRC	Displays the status of the remote control.	—

Examples

Display the current status of the remote control.
GETRC
Result:
#*remote control commands are on

GETSCHEDULEOP

Display the scheduler parameters.

Commands

Command	Description	Values
GETSCHEDULEOP <preset>	Displays the scheduler parameters for the specified preset.	Preset = 1, 2, 3, or 4

Examples

Display the scheduler parameters for preset 1.

GETSCHEDULEOP 1

Result:

#*Scheduler: 1 - Active: 1 - Source: 12 - OFF Enabled: 1

ON: 31/07/2017 10:30:00 - OFF: 01/08/2017 03:30:00

DAYS: MON TUE WED THU FRI SAT SUN

GETSCHEDULER

Display the status of the scheduler.

Commands

Command	Description	Values
GETSCHEDULER <preset>	Displays the status of the scheduler for the specified preset.	Preset = 1, 2, 3, or 4

Examples

Display the status of the scheduler.

GETSCHEDULER 1

Result:

#*The scheduler is ON

GETSERIALNO

Display the serial number of the display panel.

Commands

Command	Description	Values
GETSERIALNO	Displays the serial number of the display panel.	—

Examples

Display the serial number of the display panel.

```
GETSERIALNO
```

GETSHARPNESS

Display the picture sharpness setting.

Commands

Command	Description	Values
GETSHARPNESS	Display the picture sharpness setting.	—

Examples

Display the picture sharpness setting.

```
GETSHARPNESS
```

Result:

```
#*THE SHARPNESS VALUE : 30
```

GETSLIDESHOWINTERVAL

Display the current slide show interval setting.

Commands

Command	Description	Values
GETSLIDESHOWINTERVAL	Displays the current slide show interval setting.	—

Examples

Display the current slide show interval setting.
`GETSLIDESHOWINTERVAL`
Result:
`#*The slideshow interval is 30 seconds`

GETSOURCE

Display the currently enabled source.

Commands

Command	Description	Values
GETSOURCE	Displays the current source.	—

Examples

Display the current source.
`GETSOURCE`
Result:
`#*source is VGA`

GETSTANDBY

Display the current standby status.

Commands

Command	Description	Values
GETSTANDBY	Displays the current standby status.	—

Examples

Display the current standby status.
`GETSTANDBY`
Result:
`#*standby on`
or
`#*standby off`

GETSWVERSION

Display the version of software installed on the display panel.

Commands

Command	Description	Values
GETSWVERSION	Displays the version of software installed on the display panel.	—

Examples

Display the version of software installed on the display panel.

GETSWVERSION

Result:

#*V <version number>

GETSUBNETMASK

Display the subnet mask.

Commands

Command	Description	Values
GETSUBNETMASK	Displays the subnet mask.	—

Examples

Display the subnet mask.

GETSUBNETMASK

Result:

#*the subnet mask is 255.255.255.0

GETTOTALSPACE

Display the total amount of space on the connected USB device.

Commands

Command	Description	Values
GETTOTALSPACE	Displays the amount of space on the connected USB device, in mb.	—

Examples

Display the amount of space on the connected USB device.
`GETTOTALSPACE`
Result:
`#*The total space is 4096 MB`

GETUSBAUTOPLAY

Display the current USB autoplay setting.

Commands

Command	Description	Values
GETUSBAUTOPLAY	Displays the current USB autoplay setting.	—

Examples

Display the current USB autoplay setting.
`GETUSBAUTOPLAY`
Result:
`#*The USB autoplay is ON`

GETVIEWSTYLE

Display the current view style for the Media Browser.

Commands

Command	Description	Values
GETVIEWSTYLE	Displays the current view style for the Media Browser.	—

Examples

Display the current view style for the Media Browser.
`GETVIEWSTYLE`
Result:
`#*The view style is flat`

GETTVLIFETIME

Display the number of minutes the display panel has been on.

Commands

Command	Description	Values
GETTVLIFETIME	Display the number of minutes the display panel has been on.	—

Examples

Display the number of minutes the display panel has been on.

GETTVLIFETIME

Result:

#*Monitor Life Time: n

GETVOLUME

Displays the volume level of the display panel.

Commands

Command	Description	Values
GETVOLUME	Volume level information	—

Examples

Display the volume level of the display panel.

GETVOLUME

Result:

#*volume level is 7

GETVPOS

Display the current vertical position.

Commands

Command	Description	Values
GETVPOS	Displays the current vertical position.	—

Examples

Display the current vertical position.
`GETVPOS`
Result:
`#*The vertical position is -10`

GWOL

Displays the status of Wake on LAN.

Commands

Command	Description	Values
GWOL	Displays the status of Wake on LAN.	—

Examples

Displays the status of Wake on LAN.
`GWOL`

HEADPHONEVOLUME

Sets the headphone volume.

Commands

Command	Description	Values
HEADPHONEVOLUME	Sets the headphone volume level.	0 to 100

Examples

Set the headphone volume to 20.
`HEADPHONEVOLUME 20`
Result:
`#*set headphone volume to 20`

HPOS

Set the horizontal position.

Commands

Command	Description	Values
HPOS <value>	Sets the horizontal position of the image on the display panel. The value is a percentage of image.	-25 to 25

Examples

Set the horizontal position to -10.

HPOS -10

Result:

#*set horizontal position to -10

KEY

Navigate the display panel menu as if using the remote control.

Commands

Command	Description	Values
KEY <value>	Sends a key command the display panel menu, as if the key was pressed on the remote control.	The value can be a number, direction, or menu item. For a list of the available values, at the prompt type KEY + or KEY ?

Examples

Display the menu. KEY menu
Increase the volume by one step. KEY vol+
Play the media. KEY play

MENUTIMEOUT

Set the amount of time before the menu times out.

Commands

Command	Description	Values
MENUTIMEOUT \<time>	Sets the amount of time before the menu times out.	• 0 = Off • 15 = 15 seconds • 30 = 30 seconds • 60 = 60 seconds

Examples

Set the menu to time out after 30 seconds.

`MENUTIMEOUT 30`

Result:

`#*set menu timeout mode to 30`

PICTUREMODE

Set the picture mode.

Commands

Command	Description	Values
PICTUREMODE \<mode>	Sets the picture mode.	• 1 = Dynamic • 2 = Natural • 3 = Cinema • 4 = Game • 5 = Sport

Examples

Set the picture mode to cinema.

`PICTUREMODE 3`

Result:

`#*setPictureMode() set to 3`

PICTUREZOOM

Set the zoom mode.

Commands

Command	Description	Values
PICTUREZOOM <mode>	Sets the zoom mode.	• auto • 16:9 • subtitle • 14:9 • 14:9zoom • 4:3 • full (only for HD channels) • cinema

Examples

Set the zoom mode to 16:9.

```
PICTUREZOOM 16:9
```

Result:

```
#*setPictureZoomMode() set to 16:9
```

RESET

Reset the display panel.

Commands

Command	Description	Values
RESET	Resets the device.	—

Examples

Reset the display panel.

```
RESET
```

RST

Restart the display panel.

Commands

Command	Description	Values
RST	Restarts the display panel.	—

Examples

> Restart the display panel.
>
> RST
>
> Result:
>
> #*Monitor will be restarted

SAVEMODELINFO

Save the model name and software version of the display panel to a removable device.

Commands

Command	Description	Values
SAVEMODELINFO	Saves the model name and software version of the display panel to the connected device.	—

Examples

> Save the model name and software version of the display panel to the connected device.
>
> SAVEMODELINFO
>
> Result:
>
> #*Model info is saved

SELECTSOURCE

Set the video source.

Commands

Command	Description	Values
SELECTSOURCE <source>	Sets the video source.	• 5=BACK AV

Command	Description	Values
		• 7=HDMI1
		• 8=HDMI2
		• 11=YPbPr
		• 12=VGA
		• 18=DVI
		• 19=DP
		• 20=OPS

Examples

Set the video source to DisplayPort.

SELECTSOURCE 19

Result:

#*select 19 source

set_IP_address

Set the static IP address of the eth0 network interface.

Commands

Command	Description	Values
set_IP_address <IP address>	Set the static IP address of the eth0 network interface.	—

Examples

Set the static IP address of the eth0 network interface to 198.168.0.15.

set_IP_address 198.168.0.15

Result:

#*IP address setting Successful

SETAVL

Turn AVL on and off.

Commands

Command	Description	Values
SETAVL <value>	Turns AVL on or off.	0 = Off 1 = On

Examples

Turn off AVL.

SETAVL 0

Result:

#*set avl state to 0

SETBALANCE

Sets the audio balance.

Commands

Command	Description	Values
SETBALANCE	Set balance value.	-50 to 50

Examples

Set balance to -20.

SETBALANCE -20

Result:

#*set balance level to -20

or

#*Invalid balance level entered

SETBRIGHTNESS

Set the picture brightness.

Commands

Command	Description	Values
SETBRIGHTNESS <value>	Sets the picture brightness.	0 to 100

Examples

Set the picture brightness to 40.

SETBRIGHTNESS 40

Result:

#*Picture brightness value is set to 40

SETCOLOUR

Set the picture color.

Commands

Command	Description	Values
SETCOLOUR <value>	Sets the picture color.	0 to 100

Examples

Set the picture color to 43.

SETCOLOUR 43

Result:

#*Picture colour value is set to 43

SETCONTRAST

Set the picture contrast.

Commands

Command	Description	Values
SETCONTRAST <value>	Sets the picture contrast.	0 to 100

Examples

Set the picture contrast to 25.
`SETCONTRAST 25`
Result:
`#*Picture contrast value is set to 25`

SETCOUNTRY

Change the country setting.

Commands

Command	Description	Values
SETCOUNTRY <country>	Set the country.	—

Examples

Change the country to Germany.
`SETCOUNTRY Germany`
Result:
`#* setCountry() set to Germany`

SETDEFAULTGATEWAY

Set the default gateway.

Commands

Command	Description	Values
SETDEFAULTGATEWAY	Set the default gateway for the network connection, formatted as xxx.xxx.xxx.xxx.	—

Examples

Set the default gateway to 10.1.1.3.
`SETDEFAULTGATEWAY 10.1.1.3`
Result:
`#*set default gateway: 10.1.1.3`

SETDIGITALOUT

Set digital out to compressed or PCM.

Commands

Command	Description	Values
SETDIGITALOUT <mode>	Set digital out.	• compressed • pcm

Examples

Set digital out to PCM
SETDIGITALOUT pcm
Result:
#*setDigitalOut() set to pcm

SETDYNAMICBASS

Turns mute on and off.

Commands

Command	Description	Values
SETDYNAMICBASS	Turns the dynamic base on or off.	• 0 = Off • 1 = On

Examples

Turn on the dynamic bass.
SETDYNAMICBASS 1
Result:
#*set dynamic bass state to 1

SETEQUSERFREQ

Set the equalizer setting for any band.

Commands

Command	Description	Values
SETEQUSERFREQ <band> <equalizer setting>	Sets the equalizer setting for one of the following bands: • 120Hz • 500Hz • 1.5KHz • 5KHz • 10KHz	-12 to 12

Examples

Set the setting to 10 for the 120Hz band.

```
SETEQUSERFREQ 120Hz 10
```

Result:

```
#*setEQUserFreq() set to n
```

or

```
#*Incorrect sound system parameter entered
```

or

```
#*Incorrect equalizer mode. It should be USER mode
```

SETEQMODE

Set the equalizer mode.

Commands

Command	Description	Values
SETEQMODE <mode>	Set the equalizer mode.	• Music • Movie • Speech • Flat • Classic • User

Examples

Set the equalizer mode to Movie.
`SETEQMODE Movie`
Result:
`#*setEQMode() set to Movie`

SETHEADPHONEOUTPUT

Set the headphone output.

Commands

Command	Description	Values
SETHEADPHONEOUT PUT	Sets the headphone output.	• headphone • lineout

Examples

Set the headphone out put to lineout.
`SETHEADPHONEOUTPUT lineout`
Result:
`#*set headphone output to lineout`

SETMUTE

Turns mute on and off.

Commands

Command	Description	Values
SETMUTE	Sets the mute value to on or off.	—

Examples

Change the mute value to the opposite of the current value. If mute is currently enabled, it will be disabled.
`SETMUTE`
Result:
`#*MUTE OFF`
or
`#*MUTE ON`

SETNETWORKTYPE

Set the network as wired, wireless, or disabled.

Commands

Command	Description	Values
SETNETWORKTYPE <type>	Set the network type.	• wired • wireless • disabled

Examples

Set the network type as wired.

SETNETWORKTYPE wired

Result:

#*Network type is set to: wired

SETOPSPOWER

Turn the OPS power on and off.

Commands

Command	Description	Values
SETOPSPOWER	Turns the OPS power on and off.	• on • off

Examples

Turn on the OPS power.

SETOPSPOWER on

Result:

#*Turning OPS on

SETPOWERONDELAY

Set how long the display waits before powering on.

Commands

Command	Description	Values
SETPOWERONDELAY <delay>	Sets how long the display waits before powering on. The delay is calculated as (100ms * <delay>).	0 to 20

Examples

Set the power on delay to 12.

SETPOWERDELAY 12

Result:

Power on delay set to 1200 Ms.

SETQUICKSTANDBY

Turn quick standby on or off.

In the on-screen display, **System** > **Settings** > **More** > **Quick Standby** must be enabled for this command to function.

Commands

Command	Description	Values
SETQUICKSTANDBY <value>	Turns quick standby on or off.	value: • on • off

Examples

Turn quick standby off.

SETQUICKSTANDBY off

Result:

#*Set Quick Standby off

SETRC

Enable and disable the remote control.

Commands

Command	Description	Values
SETRC <value>	Enables and disables remote control commands.	• ON • OFF

Examples

Disable the remote control. SETRC OFF Result: #*set remote state OFF

SETSCHEDULEOP

Set the schedule for the display panel.

Commands

Command	Description	Values
SETSCHEDULEOP <preset>_<on-enabled>_<on_time>_<off-enabled>_<off_time>_<day of the week>_<source>	Set the schedule for the display panel.	<Preset> = 1, 2, 3, or 4 <on-enabled> and <off-enabled>: • 0 = Disabled • 1 = Enabled <on_time> and <off_time> are formatted as hh:mm. <day of the week> = each digit in the sequence is one day of the week, starting with Sunday. • 0 = Schedule does not apply • 1 = Schedule applies <source>: • LastSource • USB • DP

Command	Description	Values
		• OPS
		• DVI
		• HDMI
		• YPBPR
		• VGA/PC

Examples

Set the preset 4 to turn on at 6:30am and off at 11:30pm on Monday, Wednesday, and Friday, for VGA/PC.

```
SETSCHEDULEOP 4_1_06:30_1_23:30_0101010_VGA/PC
```

Result:

```
#*Schedule parameters are set
```

Set the preset 2 to turn on at 8:00am and off at 6:00pm on Monday to Friday, for USB.

```
SETSCHEDULEOP 2_1_08:00_1_18:00_0111110_USB
```

Result:

```
#*Schedule parameters are set
```

SETSCHEDULER

Enable and disable the scheduler.

Commands

Command	Description	Values
SETSCHEDULER \<preset> \<ON | OFF>	Enable and disable the scheduler for the specified preset.	Preset = 1, 2, 3, or 4

Examples

Enable the scheduler.

```
SETSCHEDULER 1 ON
```

Result:

```
#*The scheduler for preset 1 is set to ON
```

SETSHARPNESS

Set the picture sharpness.

Commands

Command	Description	Values
SETSHARPNESS <value>	Set the picture sharpness.	0 to 100

Examples

Set the picture sharpness to 27.

SETSHARPNESS 27

Result:

#*Picture sharpness value is set to 27

SETSLIDESHOWINTERVAL

Set the slide show interval, in seconds.

Commands

Command	Description	Values
SETSLIDESHOWINTE RVAL <seconds>	Set the slide show interval, in seconds.	• 5 • 10 • 15 • 20 • 25 • 30

Examples

Set the slide show interval to 20 seconds.

SETSLIDESHOWINTERVAL 20

Result:

#*The slideshow interval is set to 20 seconds

SETSOUNDMODE

Sets the sound mode.

Commands

Command	Description	Values
SETSOUNDMODE <mode>	Sets the sound mode.	• 0 = Mono • 1 = Stereo • 2 = Dual I • 3 = Dual II • 4 = Mono left • 5 = Mono right

Examples

Set the sound mode to stereo.
SETSOUNDMODE 1
Result:
#*setSoundMode() set to 1
or
#*Invalid sound mode entered

SETSOURCE

Enable and disable sources.

Commands

Command	Description	Values
SETSOURCE <source> <state>	Enables and disables sources.	Source: • SCART1 • SCART2 • FAV • SVHS • HDMI1 • HDMI2 • HDMI3 • HDMI4

Command	Description	Values
		• YPBPR
		• VGA
		• SCART1S
		• SCART2S
		State:
		• 0 = Disable
		• 1 = Enable

Examples

Disable VGA.
`SETSOURCE VGA 0`
Result:
`#*Selected source VGA`
`#*Enable/Disable state : b`

SETSUBNETMASK

Set the subnet mask for the network connection.

Commands

Command	Description	Values
SETSUBNETMASK <subnet mask>	Sets the subnet mask for the network connection, formatted as xxx.xxx.xxx.xxx.	—

Examples

Set the subnet mask as 255.255.255.0.
`SETSUBNETMASK 255.255.255.0`
Result:
`#*set subnet mask: 255.255.255.0`

SETUSBAUTOPLAY

Turn USB autoplay on and off.

Commands

Command	Description	Values
SETUSBAUTOPLAY <value>	Turns USB autoplay on and off.	• ON • OFF

Examples

Turn USB autoplay on.
SETUSBAUTOPLAY ON
Result:
#*The USB autoplay is set to ON

SETVIEWSTYLE

Set whether the Media Browser displays content in a flat list or in folders.

Commands

Command	Description	Values
SETVIEWSTYLE <view>	Set whether the Media Browser displays content in a flat list or in folders.	• Flat • Folder

Examples

Display Media Browser content in folders.
SETVIEWSTYLE Folder
Result:
#*The view style is set to folder

SIGNAGERESET

Set all items in the Signage Settings menu to the default values.

Commands

Command	Description	Values
SIGNAGERESET	Sets all items in the Signage Settings menu to the default values.	—

Examples

Set all items in the Signage Settings menu to the default values.

SIGNAGERESET

Result:

#*All signage settings set to default values

SOUNDRESET

Reset all sounds settings to the default.

Commands

Command	Description	Values
SOUNDRESET	Resets all sounds to the default.	—

Examples

Reset all sound settings to the default.

SOUNDRESET

STANDBY

Set the display panel to Standby mode.

Commands

Command	Description	Values
STANDBY	Switches the display panel to Standby. To wake the panel from standby, run the Wakeup command.	—

Examples

Put the display panel into standby mode.
STANDBY

Related information

WAKEUP (on page 61)

STARTFTI

Start the first time installation wizard.

Commands

Command	Description	Values
STARTFTI	Starts the first time installation wizard.	—

Examples

Start the first time installation wizard.
STARTFTI
Result:
#*FTI was initialising

STEA

Stop the emergency alarm.

Commands

Command	Description	Values
STEA	Stop the emergency alarm.	—

Examples

Stop the emergency alarm.
STEA
Result:
#Emergency Alarm is stopped !!!

STV

Set the display panel volume.

Commands

Command	Description	Values
STV <value>	Set the display panel volume.	0 to 100

Examples

Set the display panel volume to 55.

STV 55

Result:

#*Volume set level= 55

STWA

Stop the wake alarm.

Commands

Command	Description	Values
STWA	Stops the wake alarm.	—

Examples

Stop the wake alarm.

STWA

Result:

#*WakeupAlarm stopped !!!

SWOL

Enable and disable the Wake on LAN feature.

Commands

Command	Description	Values
SWOL <value>	Enable and disable the Wake on LAN feature.	• 0 = Disable • 1 = Enable

Examples

Disable the Wake on LAN feature.
`SWOL 0`

TIME

Display the current date and time.

Commands

Command	Description	Values
TIME	Display the current date and time.	—

Examples

Display the current date and time.
`TIME`

UNP

Send a message

Commands

Command	Description	Values
UNP <message>	Send a message.	Message content should be formatted as "word1+word2+word3..."

Examples

Send message with the text "This is a message."
`UNP "This+is+a+message."`
Result:
`#*Message Sent in SUCCESS !!!`

VOLUMEDOWN

Turn down the volume.

Commands

Command	Description	Values
VOLUMEDOWN	Decreases the volume by one, until the minimum volume is reached.	—

Examples

Turn down the volume.
`VOLUMEDOWN`
Result:
`#*volume LEVEL is decreased to <level>`

VOLUMEUP

Turn up the volume.

Commands

Command	Description	Values
VOLUMEUP	Increases the volume by one, until the maximum volume is reached.	—

Examples

Turn up the volume.
`VOLUMEUP`
Result:
`#*volume LEVEL is increased to <level>`

VPOS

Set the vertical position.

Commands

Command	Description	Values
VPOS <value>	Sets the vertical position of the image on the display panel.	-25 to 25

Examples

Set the vertical position to -10.

```
VPOS -10
```

Result:

```
#*set horizontal position to -10
```

WAKEUP

Wake the display panel from standby.

This command requires that the terminal program be set to baud rate 38400.

Commands

Command	Description	Values
WAKEUP	Wakes the display panel.	—

Examples

Wake the display panel.

```
WAKEUP
```

Related information

STANDBY (on page 56)

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