AT-UHD-SW-5000ED

UHD 5x1 Switcher to HDBaseT Ex-Distance

API Command Reference

October 2026



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Version Information

This document lists the commands for controlling the AT-UHD-SW-5000ED over RS-232 and Telnet. Its version history follows the original command reference.

Version	Date	Notes
3	Jun 2024	Updated command list
HR 1.0	October 2026	Converted to the Hall Research document format. No command changes.

Sales & Customer Support

Item	Details
Main Office (US)	Hall Research, 1234 Lakeshore Dr Suite #150, Coppell, TX 75019
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Product Page (AT-UHD-SW-5000ED)	https://www.hallresearch.com/product/AT-UHD-SW-5000ED

IMPORTANT: Visit hallresearch.com/product/AT-UHD-SW-5000ED for the latest firmware updates and documentation.

Introduction

General

This document provides an alphabetical list of commands available for the AT-UHD-SW-5000ED. Commands are case-sensitive. If the command fails or is entered incorrectly, then “Command FAILED” is returned. Commands can be sent using RS-232 or Telnet. There should be a 500 millisecond delay between each command sent to the unit. The default port for Telnet is 23.

IMPORTANT: Each command is terminated with a carriage-return (0x0d) and the feedback is terminated with a carriage-return and line-feed (0x0a).

Command Quick Reference

Select a command name to go to its full description.

Command	Description
AudioOut	Enables or disables the audio on the AUDIO OUT port
AutoDispOff	Sends the power-off command to the display when a no source is detected
AutoDispOn	Sends a power-on command to the display when a source signal is received
AutoPwrMode	Sets the auto-power mode
AutoSW	Enables or disables auto switching or display auto switching status
Blink	Enables or disables blinking of the POWER button on the front panel
Broadcast	Enables or disables broadcast mode
ButtonPower	Assigns the specified transmission protocol to the POWER button
ButtonVol	Assigns the specified transmission protocol to the volume (UP / DOWN) buttons
CliIPAddr	Sets the IP address of the controlled device
CliMode	Sets the login mode of the controlled device
CliPass	Sets the password for the controlled device
CliPort	Sets the listening port for the controlled device
CliUser	Sets the username for the controlled device
CSpara	Sets the baud rate, data bits, parity bit, and stop bits for the RS-232 port
CtlType	Sets the control protocol used to communicate with the display device
Display	Triggers the connected display on or off
DisWarmUp	Sets the display warm-up interval, in seconds
EDIDCopy	Saves the downstream EDID to the specified internal memory location on the unit
EDIDMSet	Assigns an EDID to the specified input
FeedbackSW	Enables or disables feedback verification
HDCPSet	Set the HDCP reporting mode of the specified port
help	Displays the list of available commands
IPAddUser	Adds a user for web server login and Telnet sessions
IPCFG	Displays the current network settings for the AT-UHD-SW-5000ED
IPDelUser	Deletes the specified user
IPDHCP	Enables or disables DHCP mode on the AT-UHD-SW-5000ED

Command	Description
IPLogin	Enables or disables the use of login credentials when initiating a Telnet session on the AT-UHD-SW-5000ED
IPPort	Sets the TCP/IP listening port for the AT-UHD-SW-5000ED
IPQuit	Closes the current Telnet session
IPStatic	Sets the static IP address, subnet mask, and gateway (router) address of the AT-UHD-SW-5000ED
IPTimeout	Specifies the time interval of inactivity before the TCP/IP session is terminated
IROFF	Disables the IR receiver on the AT-UHD-SW-5000ED
IRON	Enables the IR receiver on the AT-UHD-SW-5000ED
LampCool	Sets the projector lamp cool-down time
Lock	Locks the buttons on the front panel
Mreset	Resets the AT-UHD-SW-5000ED to factory-default settings
PWLock	Locks the POWER button on the front panel
PWOFF	Executing this command will power-off the AT-UHD-SW-5000ED
PWON	Executing this command will power-on the AT-UHD-SW-5000ED
PwrKeyMode	Defines the function that is assigned to the POWER key
PWSTA	Displays the current power state of the AT-UHD-SW-5000ED
REBOOT	Performs a soft reboot of the AT-UHD-SW-5000ED
RepCmdTime	Sets the number of time a command will be sent
RepeatCmd	Enables or disables the RepCmdTime feature
RS232para	Sets the baud rate, data bits, parity bit, and stop bits for the desired RS-232 port on the AT-UHD-SW-5000ED
RS232zone	Sends commands to the HDBaseT device
SetCmd	Defines the command used by the AT-UHD-SW-5000ED, to perfom the specified function on the display (sink) device
SetEnd	Defines the end-of-line (EOL) termination character for the assigned command
Status	Displays which inputs are routed to the outputs
System	Displays the status of the AT-UHD-SW-5000ED
TrigCEC	Sends the specified command to the display using CEC
TrigIP	Sends the specified command to the display using IP
TrigRS	Sends the specified command to the display using RS-232
Type	Displays the SKU of the AT-UHD-SW-5000ED
Unlock	Unlocks the buttons on the front panel

Command	Description
Version	Displays the current firmware version of the unit
VOUT1	Increases / decreases the audio output volume
VOUTMute1	Mutes / unmutes the audio
x1$	Enables or disables output 1
x1AVx1	Routes the specified input to the specified output
x2$	Enables or disables output 2

Commands

AudioOut

Enables or disables the audio on the AUDIO OUT port. Specify the sta argument to display the current setting.

Syntax

```
AudioOut X
```

Parameter	Description	Range
X	State	on, off, sta

Example

```
AudioOut on
```

Feedback

```
AudioOut on
```

AutoDispOff

Sends the power-off command to the display when a no source is detected. Specify the sta argument to display the current setting.

Syntax

```
AutoDispOff X
```

Parameter	Description	Range
X	State	on, off, sta

Example

```
AutoDispOff on
```

Feedback

```
AutoDispOff on
```

AutoDispOn

Sends a power-on command to the display when a source signal is received. Specify the sta argument to display the current setting.

Syntax

```
AutoDispOn X
```

Parameter	Description	Range
X	State	on, off, sta

Example

```
AutoDispOn on
```

Feedback

```
AutoDispOn on
```

AutoPwrMode

Sets the auto-power mode. Specify the sta argument to display the current setting.

Syntax

```
AutoPwrMode X
```

Parameter	Description	Range
X	Mode	DISPAVON, DISPAVSW, AVSW, sta

Example

```
AutoPwrMode DISPAVON
```

Feedback

```
AutoPwrMode DISPAVON
```

AutoSW

Enables or disables auto switching or display auto switching status. Specify the sta argument to display the current setting.

Syntax

```
AutoSW X
```

Parameter	Description	Range
X	Value	on, off, sta

Example

```
AutoSW on
```

Feedback

```
AutoSW on
```

Blink

Enables or disables blinking of the POWER button on the front panel. When set to on, the POWER button will flash, alternating between red and blue, and can be used to physically identify the unit on a network. The POWER button will flash until the Blink off command is executed. on = enables blinking; off = disables blinking; sta = displays the current setting. The default setting is off.

Syntax

```
Blink X
```

Parameter	Description	Range
X	Value	on, off, sta

Example

```
Blink on
```

Feedback

```
Blink on
```

Broadcast

Enables or disables broadcast mode. By default, broadcast mode is set to off. When set to on, changes in the web server will also be affected on the control system (if connected), via TCP/IP. To separate control between web server and Telnet, set this feature off. on = enables broadcast mode; off = disables broadcast mode; sta = displays the current setting.

Syntax

```
Broadcast X
```

Parameter	Description	Range
X	Value	on, off, sta

Example

```
Broadcast on
```

Feedback

```
Broadcast on
```

ButtonPower

Assigns the specified transmission protocol to the POWER button. If set to NONE, then the POWER button will power-on or power-off the AT-UHD-SW-5000ED. Specify the sta argument to display the current setting.

Syntax

```
ButtonPower X
```

Parameter	Description	Range
X	Protocol	NONE, CEC, RS-232, IP, sta

Example

```
ButtonPower CEC
```

Feedback

```
ButtonPower CEC
```

ButtonVol

Assigns the specified transmission protocol to the volume (UP / DOWN) buttons. If set to AUD, then the UP/DOWN buttons will control the output volume of the AUDIO OUT port. Specify the sta argument to display the current setting.

Syntax

```
ButtonVol X
```

Parameter	Description	Range
X	Protocol	AUD, RS-232, IP, sta

Example

```
ButtonVol IP
```

Feedback

```
ButtonVol IP
```

CliIPAddr

Sets the IP address of the controlled device. The IP address must be specified in dot-decimal notation. DHCP must be disabled before using this command. Specify the sta argument to display the current setting. Refer to the IPDHCP command for more information.

Syntax

```
CliIPAddr X
```

Parameter	Description	Range
X	IP address	0 ... 255 (per byte)

Example

```
CliIPAddr 192.168.1.61
```

Feedback

```
CliIPAddr 192.168.1.61
```

CliMode

Sets the login mode of the controlled device. login = requires login credentials, non-login = no login credentials required. Specify the sta argument to display the current setting.

Syntax

```
CliMode X
```

Parameter	Description	Range
X	Value	login, non-login, sta

Example

```
CliMode login
```

Feedback

```
CliMode login
```

CliPass

Sets the password for the controlled device. Execute the CliPass command without arguments to display the current password. The default password is Atlona.

Syntax

```
CliPass X
```

Parameter	Description	Range
X	Password	20 characters (max.)

Example

```
CliPass R3ind33r
```

Feedback

```
CliPass R3ind33r
```

CliPort

Sets the listening port for the controlled device. Use the sta argument to display the current listening port. The default port is 23. Use the sta argument to display the current setting.

Syntax

```
CliPort X
```

Parameter	Description	Range
X	Port	0 ... 65535, sta

Example

```
CliPort 50
```

Feedback

```
CliPort 50
```

CliUser

Sets the username for the controlled device. Execute the CliUser command without arguments to display the current username.

Syntax

```
CliUser X
```

Parameter	Description	Range
X	Username	20 characters (max.)

Example

```
CliUser BigBoss
```

Feedback

```
CliUser BigBoss
```

CSpara

Sets the baud rate, data bits, parity bit, and stop bits for the RS-232 port. Use the sta argument to display the current serial port settings. Each argument must be separated by a comma; no spaces are permitted. Brackets must be used when executing this command.

Syntax

```
CSpara[W,X,Y,Z]
```

Parameter	Description	Range
W	Baud rate	2400, 4800, 9600, 19200, 38400, 57600, 115200
X	Data bits	7, 8
Y	Parity bit	None, Odd, Even
Z	Stop bits	1, 2

Example

```
CSpara[115200,8,0,1]
CSpara[sta]
```

Feedback

```
CSpara[115200,8,0,1]
CSpara [115200,8,0,1]
```

CtlType

Sets the control protocol used to communicate with the display device. Use the sta argument to display the current setting.

Syntax

```
CtlType X
```

Parameter	Description	Range
X	Value	rs-232, ip, cec, sta

Example

```
CtlType ip
```

Feedback

```
CtlType ip
```

Display

Triggers the connected display on or off. Specify the sta argument to display the current setting.

Syntax

```
Display X
```

Parameter	Description	Range
X	State	on, off, sta

Example

```
Display off
```

Feedback

```
Display off
```

DisWarmUp

Sets the display warm-up interval, in seconds. Specify the sta argument to display the current setting.

Syntax

```
DisWarmUp X
```

Parameter	Description	Range
X	Value	0 ... 300, sta

Example

```
DisWarmUp 120
```

Feedback

```
DisWarmUp 120
```

EDIDCopy

Saves the downstream EDID to the specified internal memory location on the unit. Do not use a space between the command and the first argument.

Syntax

```
EDIDCopyX Y
```

Parameter	Description	Range
X	Output	1 ... 2
Y	Memory location	1 ... 8

Example

```
EDIDCopy1 4
```

Feedback

```
EDIDCopy1 4
```

EDIDMSet

Assigns an EDID to the specified input. The EDID can be either one of the internal preprogrammed EDIDs or a custom EDID that can be stored in one of the eight memory locations. A breif description of each preprogrammed EDID is listed in the table below. For a detailed summary of each EDID, refer to the User Manual for more information. Use arguments 1 through 8 to store the EDID in any of eight memory locations. To display the EDID assigned to an input, use the sta argument.

Syntax

```
EDIDMSetX Y
```

Parameter	Description	Range
X	Input	1 ... 5
Y	EDID preset	1 ... 17
Z	Memory location	1 ... 8

Example

```
EDIDMSet2 3 1
EDIDMSet1 sta
EDID (parameter Y) Description
1 STD
2 ATL 1080P 2CH
3 ATL 1080P Multi CH
4 ATL 1080P DD
5 ATL 1080P 3D 2CH
6 ATL 1080P 3D Multi CH
7 ATL 1080P 3D DD
8 ATL 720P 2CH 2CH
9 ATL 720P DD
```

Feedback

```
EDIDMSet2 3 1
EDIDMSet1 default
EDID (parameter Y) Description
10 ATL 1280x800 RGB 2CH
11 ATL 1366x768 RGB 2CH
12 ATL 1080P DVI
13 ATL 1280x800 RGB DVI
14 ATL 2160P 2CH
15 ATL 2160P Multi CH
16 ATL 4K420 (4:2:0) 2CH
17 ATL 4K420 (4:2:0) Multi CH
```

FeedbackSW

Enables or disables feedback verification. Specify the sta argument to display the current setting.

Syntax

```
FeedbackSW X
```

Parameter	Description	Range
X	State	on, off, sta

Example

```
FeedbackSW on
```

Feedback

```
FeedbackSW on
```

HDCPSet

Set the HDCP reporting mode of the specified port. Some computers will send HDCP content if an HDCP-compliant display is detected. on = reports to the source device that the display (sink) is HDCP-compliant, off = reports to the source device that the display (sink) is not HDCP-compliant (HDCP content will not be sent), auto = uses the attributes of the display device to accept or not accept HDCP content. Setting this value to off does not decrypt HDCP content. Use the sta argument to display the current setting.

Syntax

```
HDCPSet X Y
```

Parameter	Description	Range
X	Input	1 ... 5
Y	State	on, off, auto, sta

Example

```
HDCPSet 1 on
```

Feedback

```
HDCPSet 1 on
```

help

Displays the list of available commands. To obtain help on a specific command, enter the help command followed by the name of the command.

Syntax

```
help [X]
```

Parameter	Description	Range
X	Command name (optional)	Command

Example

```
help
```

Feedback

```
Command list
----------------------
PWON
PWOFF
PWSTA
...
...
```

IPAddUser

Adds a user for web server login and Telnet sessions. This command performs the same function as adding a user within the web server. Refer to User Manual for more information.

Syntax

```
IPAddUser X Y
```

Parameter	Description	Range
X	User name	20 characters (max)
Y	Password	20 characters (max)

Example

```
IPAddUser BigBoss b055man
```

Feedback

```
IPAddUser BigBoss b055man
TCP/IP user was added
```

IPCFG

Displays the current network settings for the AT-UHD-SW-5000ED.

Syntax

```
IPCFG
```

This command does not require any parameters.

Example

```
IPCFG
```

Feedback

```
IP Addr 192.168.11.176
Netmask 255.255.255.0
Gateway 192.168.11.1
IP Port 23
```

IPDelUser

Deletes the specified user. Deleted users will no longer be able to access the web server or initiate Telnet sessions. This command performs the same function as removing a user within the web server. Refer to the User Manual for more information.

Syntax

```
IPDelUser X
```

Parameter	Description	Range
X	User	User name

Example

```
IPDelUser Minion2
```

Feedback

```
IPDelUser Minion2
TCP/IP user was deleted
```

IPDHCP

Enables or disables DHCP mode on the AT-UHD-SW-5000ED. on = DHCP mode ON; off = DHCP mode OFF; sta = displays the current setting. If this feature is disabled, then a static IP address must be specified. The default setting is DHCP = ON.

Syntax

```
IPDHCP X
```

Parameter	Description	Range
X	Value	on, off, sta

Example

```
IPDHCP on
```

Feedback

```
IPDHCP on
```

IPLogin

Enables or disables the use of login credentials when initiating a Telnet session on the AT-UHD-SW-5000ED. If this feature is set to on, then the AT-UHD-SW-5000ED will prompt for both the username and password. Use the same credentials as the web server. on = login credentials required; off = no login required. Specify the sta argument to display the current setting. The default setting is on.

Syntax

```
IPLogin X
```

Parameter	Description	Range
X	Value	on, off, sta

Example

```
IPLogin off
```

Feedback

```
IPLogin off
```

IPPort

Sets the TCP/IP listening port for the AT-UHD-SW-5000ED.

Syntax

```
IPPort X
```

Parameter	Description	Range
X	Port	0 ... 65535, sta

Example

```
IPPort 230
```

Feedback

```
IPPort 230
```

IPQuit

Closes the current Telnet session.

Syntax

```
IPQuit
```

This command does not require any parameters.

Example

```
IPQuit
```

Feedback

```
Connection lost...
```

IPStatic

Sets the static IP address, subnet mask, and gateway (router) address of the AT-UHD-SW-5000ED. Before using this command, DHCP must be disabled on the AT-UHD-SW-5000ED. Refer to the IPDHCP command for more information. Each argument must be entered in dot-decimal notation and separated by a space. The default static IP address of the AT-UHD-SW-5000ED is 192.168.1.254.

Syntax

```
IPStatic X Y Z
```

Parameter	Description	Range
X	IP address	0 ... 255 (per byte)
Y	Subnet mask	0 ... 255 (per byte)
Z	Gateway (router)	0 ... 255 (per byte)

Example

```
IPStatic 192.168.1.112 255.255.255.0 192.168.1.1
```

Feedback

```
IPStatic 192.168.1.112 255.255.255.0 192.168.1.1
```

IPTimeout

Specifies the time interval of inactivity before the TCP/IP session is terminated. When terminated, both the Telnet and web server session will be closed. The default setting is 300 seconds.

Syntax

```
IPTimeout X
```

Parameter	Description	Range
X	Interval (in seconds)	1 ... 60000

Example

```
IPTimeout 300
```

Feedback

```
IPTimeout 300
```

IROFF

Disables the IR receiver on the AT-UHD-SW-5000ED.

Syntax

```
IROFF
```

This command does not require any parameters.

Example

```
IROFF
```

Feedback

```
IROFF
```

IRON

Enables the IR receiver on the AT-UHD-SW-5000ED.

Syntax

```
IRON
```

This command does not require any parameters.

Example

```
IRON
```

Feedback

```
IRON
```

LampCool

Sets the projector lamp cool-down time. Match this setting with the lamp delay on the projector. Specify the sta argument to display the current setting.

Syntax

```
LampCool X
```

Parameter	Description	Range
X	Time interval (in seconds)	0 ... 300

Example

```
LampCool 120
```

Feedback

```
LampCool 120
```

Lock

Locks the buttons on the front panel. This feature is useful when the unit is installed in a rack environment or other remote location, to prevent accidental pressing of the front-panel buttons. Also refer to the Unlock command.

Syntax

```
Lock
```

This command does not require any parameters.

Example

```
Lock
```

Feedback

```
Lock
```

Mreset

Resets the AT-UHD-SW-5000ED to factory-default settings.

Syntax

```
MReset
```

This command does not require any parameters.

Example

```
Mreset
```

Feedback

```
Mreset
```

PWLock

Locks the POWER button on the front panel.

Syntax

```
PWLock
```

This command does not require any parameters.

Example

```
PWLock
```

Feedback

```
PWLock
```

PWOFF

Executing this command will power-off the AT-UHD-SW-5000ED. Execute the PWON command to power-on the unit.

Syntax

```
PWOFF
```

This command does not require any parameters.

Example

```
PWOFF
```

Feedback

```
PWOFF
```

PWON

Executing this command will power-on the AT-UHD-SW-5000ED. Execute the PWOFF command to power-off the unit.

Syntax

```
PWON
```

This command does not require any parameters.

Example

```
PWON
```

Feedback

```
PWON
```

PwrKeyMode

Defines the function that is assigned to the POWER key. Specify the sta argument to display the current setting.

Syntax

PwrKeyMode

Parameter	Description	Range
X	Time interval (in seconds)	DISPAVON, DISPAVSW, AVSW, ALWAYSON

Example

PwrKeyMode DISPAVSW
Setting Description
DISPAVON Display switches on/off, source
DISPAVSW Display switches on/off, source
AVSW Display is always on, source
ALWAYSON Both source and display are always

Feedback

PwrKeyMode DISPAVSW
audio/video signal always on.
audio/video signal switches on/off.
audio/video signal switches on/off
on.

PWSTA

Displays the current power state of the AT-UHD-SW-5000ED.

Syntax

PWSTA

This command does not require any parameters.

Example

PWSTA

Feedback

PWON

REBOOT

Performs a soft reboot of the AT-UHD-SW-5000ED.

Syntax

```
REBOOT
```

This command does not require any parameters.

Example

```
REBOOT
```

Feedback

```
REBOOT
```

RepCmdTime

Sets the number of time a command will be sent. Some devices may require that a command be sent multiple times before an acknowledge message is sent back to the AT-UHD-SW-5000ED. Specify the sta argument to display the current setting.

Syntax

```
RepCmdTime X
```

Parameter	Description	Range
X	Times to repeat command	2 ... 4, sta

Example

```
RepCmdTime 3
```

Feedback

```
RepCmdTime 3
```

RepeatCmd

Enables or disables the RepCmdTime feature. Specify the sta argument to display the current setting.

Syntax

```
RepeatCmd X
```

Parameter	Description	Range
X	Status	on, off, sta

Example

```
RepeatCmd on
```

Feedback

```
RepeatCmd on
```

RS232para

Sets the baud rate, data bits, parity bit, and stop bits for the desired RS-232 port on the AT-UHD-SW-5000ED. There should be no space between the first parameter and the command. Add a space before the bracketed set of values. Each argument must be separated by a comma; no spaces are permitted. Brackets must be included when typing this command. Use the sta argument, without brackets and including a space, to display the current settings.

Syntax

```
RS232paraV [W,X,Y,Z]
```

Parameter	Description	Range
V	Input	1 ... 3
W	Baud rate	2400, 9600, 19200, 38400, 56000, 57600, 115200
X	Data bits	7, 8
Y	Parity bit	None, Odd, Even
Z	Stop bits	1, 2

Example

```
RS232para1 [115200,8,0,1]
RS232para1 sta
```

Feedback

```
RS232para1[115200,8,0,1]
RS232para1[115200,8,0,1]
```

RS232zone

Sends commands to the HDBaseT device. Refer to the User Manual of the display device for a list of available commands. Brackets must be used when specifying the command argument. The command line must not contain any spaces.

Syntax

```
RS232zoneX[Y]
```

Parameter	Description	Range
X	Zone	1 ... 3
Y	Command	String

Example

```
RS232zone1[command]
```

Feedback

```
RS232zone1[command]
```

SetCmd

Defines the command used by the AT-UHD-SW-5000ED, to perfom the specified function on the display (sink) device. For example, to define the “power off” command, locate the equivalent “power off” command for the display by consulting the display’s User Manual. Once the desired command is located, assign it to the equivalent command used by the AT-UHD-SW-5000ED.

Syntax

```
SetCmd X[Y]
```

Parameter	Description	Range
X	Action	on, off, vol+, vol-, mute, fbkoff, fbkon, fbkmute
Y	Command	String

Example

```
SetCmd on CRLF
```

Feedback

```
SetCmd on CRLF [PWON]
```

SetEnd

Defines the end-of-line (EOL) termination character for the assigned command. Use this command in conjunction with the SetCmd command. The second parameter must be enclosed in paraentheses. There is no space between the first and second argument.

Syntax

```
SetEnd X[Y]
```

Parameter	Description	Range
X	Command	on, off, vol+, vol-, mute, fbkoff, fbkon, fbkmute
Y	EOL character	None, CR, LF, CR-LF, Space, STX, ETX, Null

Example

```
SetEnd off[CR-LF]
```

Feedback

```
SetEnd off[CR-LF]
```

Status

Displays which inputs are routed to the outputs.

Syntax

```
Status
```

This command does not require any parameters.

Example

```
Status
```

Feedback

```
x2AVx1
```

System

Displays the status of the AT-UHD-SW-5000ED. The sta argument must be specified.

Syntax

```
System X
```

Parameter	Description	Range
X	Request	sta

Example

```
System sta
```

Feedback

```
Model: AT-UHD-SW-5000ED
MAC Addr: b8-98-b0-00-61-54
Address Type: DHCP
IP: 10.20.40.41
Netmask: 255.255.255.0
Gateway: 10.20.40.1
HTTP Port: 80
Telnet Port: 23
Firmware: 1.0.30
On/Up Time <dd HH:mm:ss>: 01 05:57:51
Power Status: PWON
Hostname: SW5000ED-006154
```

TrigCEC

Sends the specified command to the display using CEC. The output must always be specified and set to the value of 1. Do not add a space between the command and the first argument.

Syntax

```
TrigCECX Y
```

Parameter	Description	Range
X	Zone	1
Y	Command	on, off, vol+, vol-, mute

Example

```
TrigCEC1 on
```

Feedback

```
TrigCEC1 on
```

TrigIP

Sends the specified command to the display using IP. Do not add a space between the command and the first argument.

Syntax

```
TrigIPX Y
```

Parameter	Description	Range
X	TCP	1, 2
Y	Command	on, off, vol+, vol-, mute

Example

```
TrigIP1 on
```

Feedback

```
TrigIP1 on
```

TrigRS

Sends the specified command to the display using RS-232. The output must always be specified and set to the value of 1. Do not add a space between the command and the first argument.

Syntax

```
TrigRSX Y
```

Parameter	Description	Range
X	Zone	1
Y	Power state	on, off, vol+, vol-, mute

Example

```
TrigRS1 on
```

Feedback

```
TrigRS1 on
```

Type

Displays the SKU of the AT-UHD-SW-5000ED.

Syntax

```
Type
```

This command does not require any parameters.

Example

```
Type
```

Feedback

```
AT-UHD-SW-5000ED
```

Unlock

Unlocks the buttons on the front panel. Also refer to the Lock command.

Syntax

```
Unlock
```

This command does not require any parameters.

Example

```
Unlock
```

Feedback

```
Unlock
```

Version

Displays the current firmware version of the unit. Do not add a space between the X parameter and the command.

Syntax

```
VersionX
```

This command does not require any parameters.

Example

```
Version
```

Feedback

```
1.2.45
```

VOUT1

Increases / decreases the audio output volume. In addition to specifying an integer value, the + and - arguments can be used, by themselves, to increase or decrease the volume by 1 value, respectively. To display the current value, specify the sta argument.

Syntax

```
VOUT1 X
```

Parameter	Description	Range
X	Level	+, -, -80 ... 15, sta

Example

```
VOUT 4
VOUT +
```

Feedback

```
VOUT 4
VOUT 5
```

VOUTMute1

Mutes / unmutes the audio. on = enables muting; off = disables muting; sta = displays the current setting.

Syntax

```
VOUTMute1 X
```

Parameter	Description	Range
X	State	on, off, sta

Example

```
VOUTMute1 on
```

Feedback

```
VOUTMute1 on
```

x1$

Enables or disables output 1. Specify the sta argument to return the status of output 1.

Syntax

```
x1$ X
```

Parameter	Description	Range
X	Status	on, off, sta

Example

```
x1$ off
```

Feedback

```
x1$ off
```

x1AVx1

Routes the specified input to the specified output.

Syntax

```
xYAVxZ
```

Parameter	Description	Range
Y	Input	1 ... 5
Z	Output	1, 2

Example

```
x2AVx1
```

Feedback

```
x2AVx1
```

x2$

Enables or disables output 2. Specify the sta argument to return the status of output 2.

Syntax

```
x2$ X
```

Parameter	Description	Range
X	Status	on, off, sta

Example

```
x2$ on
```

Feedback

```
x2$ on
```