Three-Input HD Video Scaler
for HDMI and VGA Signals

Application Programming Interface

AT-HD-SC-500

Atlona Manuals
Switchers

Version Information

Version	Release Date	Notes
1	03/19	Initial release

Commands

The following tables provide an alphabetical list of commands available on the AT-HD-SC-500. All commands are case-sensitive and must be entered as documented. If the command fails or is entered incorrectly, then the feedback is “Command FAILED”.

IMPORTANT: Each command must be terminated with a carriage-return (0x0d) and the feedback is terminated with a carriage-return and line-feed (0x0a). In addition, when sending multiple commands, at least 500 milliseconds should be specified between each command.

Command	Description
AnaGain	Sets the gain of the analog audio input
ASPBGRND	Sets the matte color for the bars used in viewing letterbox formats
Aspect	Sets the aspect ratio of the output signal
ASwOutTime	Sets period of time after loss of signal before auto switching to the selected fallback input
ASwPrePort	Sets the default fallback input for auto-switching
AudioSrc	Set audio source for the HDMI inputs
AutoDispOff	Enables / disables display auto-off
AutoDispOn	Enables / disables display auto-on
AutoPwrMode	Set the display mode for auto power on and off
AutoSW	Enable/Disable auto switching or display auto switching status
Bass	Increases / decreases the amount of bass on the output
Broadcast	Enables / disables broadcast mode
BRT	Sets the picture brightness
BTNVol	Defines the behavior of the VOL+, VOL-, and MUTE buttons
CliIPAddr	Sets the IP address of the Telnet client
CliMode	Sets the login mode of the Telnet client
CliPass	Sets the password for the Telnet client
CliPort	Sets the listening port for the Telnet client
CliUser	Sets the username for the Telnet client
CMDFMT	Sets the display format for commands
CSpara	Sets the baud rate, data bits, stop bits, and parity for the serial device
CtlType	Sets the communication protocol used to send the on/off command
CTRST	Sets the picture contrast
DisWarmUp	Sets the Display power-on time interval when locking the DISPLAY button
DispBtn	Simulates pressing the DISPLAY button on the front panel
Down	Scrolls the cursor down on position in the OSD
HDCPSet1	Sets the HDCP reporting mode for HDMI IN 1
HDCPSet2	Sets the HDCP reporting mode for HDMI IN 2
HDMIAUD	Enables / disables audio on the HDMI output

Commands

Command	Description
Help	Displays the list of available commands
HUE	Sets the picture hue
HZoom	Sets the horizonal zoom (overscan) for the output image
INFOOSD	Enables / disables the OSD info screen
INFOTMR	Sets the time interval for the info screen before it is hidden
Input	Sets the active input
IPAddUser	Adds a user for Telnet control
IPCFG	Displays the current network settings for the AT-HD-SC-500
IPDelUser	Deletes the specified Telnet user
IPDHCP	Enables / disables DHCP mode on the AT-HD-SC-500
IPLogin	Enables / disables login credentials when starting a Telnet session
IPPort	Sets the Telnet listening port for the AT-HD-SC-500
IPQuit	Terminates the Telnet session
IPStatic	Sets the static IP address, subnet mask, and gateway for the AT-HD-SC-500
IPTimeout	Specifies the time interval of inactivity before the Telnet session is closed
LampCool	Sets the cool-down interval before the projector can be powered-off
Lock	Locks the buttons on the front panel
LRAUD	Enables / disables the L/R audio output
MENUTMR	Specifies the time interval of inactivity before the OSD menu is hidden
MirrorV	Vertically mirrors the video
Mreset	Resets the AT-HD-SC-500 to factory-default settings
OSD	Sets the location of the OSD menu on the screen
OSDAlpha	Sets the transparency of the OSD menu
OSDBGRND	Sets the background color of the OSD menu
PicReset	Resets all picture settings
PTIMGHDMI	Sets the preferred HDMI input timing
PTIMGVGA	Sets the preferred VGA input timing
PWLock	Locks / unlocks the DISPLAY key on the front panel
QOSD	Exits the OSD menu
RAtIMac	Displays the MAC address of the AT-HD-SC-500
SATRT	Sets the picture color saturation
Select	Confirms the selection in the OSD
SetCmd	Assigns an RS-232 or IP command to the specified button on the front panel
SetCmdFB	Sets the feedback string for the specified command key
SetCS	Sets the output color space

Commands

Command	Description
SetEnd	Sets the end-character of the specified command
SetOff	Sets the time period to place the unit in standby
SHARP	Sets the picture sharpness
System	Displays system information about the AT-HD-SC-500
Treble	Increases / decreases the treble on the output
TrigCEC	Triggers the stored CEC command
TrigIP	Triggers the stored IP commands to the Telnet client
TrigRS	Triggers the stored command from RS-232 or IP
UARTPara	Sets the baud rate, data bits, parity, and stop bits for the serial port
Unlock	Unlocks the buttons on the front panel
Up	Scrolls up the cursor, in the OSD menu, one position
Version	Displays the current firmware version of the AT-HD-SC-500
VGAAuto	Automatically adjusts the clock and phase of the VGA signal
VidOutRes	Sets the video output resolution
VOUT1	Increases / decreases the audio volume
VOUTMute1	Mutes / unmutes the audio
VOUTOSD	Enables / disables the volume bar in the OSD
VZoom	Adjusts the vertical zoom (overscan) of the output image
x1$	Enables / disables the HDMI video output
Zoom	Enables / disables overscan

AnaGain

Sets the gain of the analog input.

Syntax
AnaGain X

Parameter	Description	Range
X	Audio gain	0 ... 16

Example
AnaGain 1

Feedback
AnaGain 1

ASPBGRND

Sets the matte color when viewing an image that has been processed in “letterbox” format. The default setting is grey.

Syntax
ASPBGRND X

Parameter	Description	Range
X	Matte color	0 = Grey 1 = Black

Example
ASPBGRND 1

Feedback
ASPBGRND 1

Aspect

Sets the aspect ratio of the output signal. The default setting is **Full**.

Syntax
Aspect X

Parameter	Description	Range
X	Aspect ratio	0 = Full 1 = 16:9 2 = 16:10 3 = 4:3 4 = Keep Ratio

Example
Aspect 1

Feedback
Aspect 1

ASwOutTime

Sets the time interval after loss of signal occurs, before automatically switching to the selected fallback input. Execute the ASwPrePort command to set the fallback input.

Syntax
ASwOutTime X

Parameter	Description	Range
X	Time (in seconds)	1 ... 600

Example
ASwOutTime 15

Feedback
ASwOutTime 15

ASwPrePort

Sets the fallback input when auto-switching is enabled. Use the **sta** argument to return the current fallback input. To always return the AT-HD-SC-500 to the last active input, use the **Prev** argument.

Syntax
ASwPrePort X

Parameter	Description	Range
X	Port	HDMI1, HDMI2, VGA, Prev, sta

Example
ASwPrePort HDMI1

Feedback
ASwPrePort HDMI1

AudioSrc

Sets the audio source for the each HDMI input. Parameter X specifies the HDMI port. Parameter Y specifies the type of audio that will be used.

Syntax
AudioSrcX Y

Parameter	Description	Range
X	Port	HDMI1, HDMI2, VGA, Prev, sta
Y	Audio type	auto = Automatically selects the audio type dig = Digital audio only ana = Analog audio from the AUDIO IN port is embedded on the output.

Example
AudioSrc1 ana

Feedback
AudioSrc1 ana

AutoDispOff

Sends the command to power-off the display when an A/V signal is no longer present. Use the **on** argument to enable this feature. Use the **sta** argument to return the current **AutoDispOff** setting.

Syntax
AutoDispOff X

Parameter	Description	Range
X	Value	on, off, sta

Example
AutoDispOff on

Feedback
AutoDispOff on

AutoDispOn

Sends the command to power-on the display when an A/V signal is detected. Use the **on** argument to enable this feature. Use the **sta** argument to return the current **AutoDispOff** setting.

Syntax
AutoDispOn X

Parameter	Description	Range
X	Value	on, off, sta

Example
AutoDispOn on

Feedback
AutoDispOn on

AutoPwrMode

Sets the display mode for auto-power on and off.

Syntax
AutoPwrMode X

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

Example
AutoPwrMode DISPAVON

Feedback
AutoPwrMode DISPAVON

AutoSW

Enables / disables auto switching or display auto switching status.

Syntax
AutoSW X

Parameter	Description	Range
X	Value	on, off, sta

Example
AutoSW on

Feedback
AutoSW on

Bass

Increases / decreases the amount of bass on the **output**. In addition to specifying an integer value, the **+** and **-** arguments can be used, by themselves, to increase or decrease the bass by 1 value, respectively.

Syntax
Bass X

Parameter	Description	Range
X	Value	-12 ... 15, sta

Example
Bass -5
Bass +

Feedback
Bass -5
Bass -4

Broadcast

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

Syntax
Broadcast X

Parameter	Description	Range
X	Value	on, off, sta

Example
Broadcast on

Feedback
Broadcast on

BRT

Sets the picture brightness. Use the sta argument to display the current brightness setting.

Syntax
BRT X

Parameter	Description	Range
X	Value	0 ... 100, sta

Example
BRT 60

Feedback
BRT 60

BTNVol

Defines the behavior of the VOL+, VOL-, and MUTE buttons, on the front panel. AudOut = buttons will control volume level of the output, RS232 = buttons will send the commands using RS-232 to compatible extenders and displays, IP = buttons will send the commands over Ethernet using the LAN connection, sta = displays the current BTNVol setting.

Syntax
BTNVol X

Parameter	Description	Range
X	Value	AudOut, RS232, IP, sta

Example
BTNVol RS232

Feedback
BTNVol RS232

CliIPAddr

Sets the IP address of the Telnet client. The IP address must be specified in dot-decimal notation. Use the sta argument to display the IP address of the Telnet client. DHCP must be disabled before using this command. 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 Telnet client. login = requires login credentials, non-login = no login credentials required, sta = displays the current CliMode 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 Telnet client. 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 Telnet client. Use the sta argument to display the current listening port. The default port is 23.

Syntax
CliPort X

Parameter	Description	Range
X	Port	0 ... 65535

Example
CliPort 30

Feedback
CliPort 30

CliUser

Sets the username for the Telnet client. 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

CMDFMT

Sets the display format for commands. ascii = ASCII format, hex = hexadecimal format, sta = displays the current command format.

Syntax
CMDFMT X

Parameter	Description	Range
X	Format	ascii, hex, sta

Example
CMDFMT ascii

Feedback
CMDFMT ascii

CSpara

Sets the baud rate, data bits, parity bit, and stop bits for the serial device. 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 communication protocol used to send the on/off command. rs232 = command set over rs232, IP = command sent over IP, CEC = command sent using CEC, sta = displays the current CtrlType setting.

Syntax
CtrlType X

Parameter	Description	Range
X	Protocol	rs232, IP, CEC, sta

Example
CtrlType IP

Feedback
CtrlType IP

CTRST

Sets the picture contrast. Use the sta argument to display the current contrast setting.

Syntax
CTRST X

Parameter	Description	Range
X	Contrast	0 ... 100, sta

Example
CTRST 65

Feedback
CTRST 65

DisWarmUp

Sets the time interval, in seconds, between when the display is powered on and when the **DISPLAY** button, on the front panel, will be locked. Use the sta argument to display the current time interval.

Syntax
DisWarmUp X

Parameter	Description	Range
X	Time interval	0 ... 300, sta

Example
DisWarmUp 120

Feedback
DisWarmUp 120

DispBtn

Simulates pressing the **DISPLAY** button on the front panel, activating the display mode and RS-232/CEC/IP display control commands. On = simulates pressing the DISPLAY button to the “on” state, Off = simulates pressing the DISPLAY button to the “off” state, Tog = reverses the current state of the DISPLAY button, Sta = displays the current DispBtn setting.

Syntax
DispBtn X

Parameter	Description	Range
X	Setting	On, Off, Tog, Sta

Example
DispBtn on

Feedback
DispBtn on

Down

Scrolls down the cursor, in the OSD menu, one position.

Syntax
Down

This command does not require any parameters

Example
Down

Feedback
Down

HDCPSet1

Set the HDCP reporting mode of the **HDMI IN 1** port. Some computers will send HDCP content if an HDCP-compliant display is detected. Setting this value to off, will force the computer to ignore detection of HDCP-compliant displays. Disabling this feature will *not* decrypt HDCP content. on = enables HDCP detection; off = disables HDCP detection; sta = displays the current HDCPSet1 setting.

Syntax
HDCPSet1 X

Parameter	Description	Range
X	Value	on, off, sta

Example
HDCPSet1 on

Feedback
HDCPSet1 on

HDCPSet2

Set the HDCP reporting mode of the **HDMI IN 2** port and performs the same type of function as the HDCPSet1 command. on = enables HDCP detection; off = disables HDCP detection; sta = displays the current HDCPSet2 setting.

Syntax
HDCPSet2 X

Parameter	Description	Range
X	Value	on, off, sta

Example
HDCPSet2 off

Feedback
HDCPSet2 off

HDMIAUD

Enables / disables audio on the HDMI output. on = enables HDMI audio output; off = disables HDMI audio output; sta = displays the current HDMIAUD setting.

Syntax
HDMIAUD

Parameter	Description	Range
X	Value	on, off, sta

Example
HDMIAUD off

Feedback
HDMIAUD off

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

Example
Help

Feedback
Command List

Help
IPCFG
...
CliIPAddr
CliPort

HUE

Sets the picture hue. Use the sta argument to display the current HUE value.

Syntax
HUE X

Parameter	Description	Range
X	Value	0 ... 100, sta

Example
HUE 40

Feedback
HUE 40

HZoom

Set the horizontal zoom for the output image. Use the sta argument to display the current HZoom value.

Syntax
HZoom X

Parameter	Description	Range
X	Value	0 ... 50, sta

Example
HZoom 10

Feedback
HZoom 10

INFOOSD

Enables / disables the OSD info screen. on = info screen always on, off = info screen is off, auto = info screen is displayed when a resolution change is made, then is automatically hidden, sta = displays the current INFOOSD setting.

Syntax
INFOOSD X

Parameter	Description	Range
X	Value	on, off, sta

Example
INFOOSD on

Feedback
INFOOSD on

INFOTMR

Sets the time interval (in seconds) of the info screen, before it is hidden. Use the sta argument to display the current INFOTMR value.

Syntax
INFOTMR X

Parameter	Description	Range
X	Time interval	5 ... 100, sta

Example
INFOTMR 60

Feedback
INFOTMR 60

Input

Sets the active input. Use the sta argument to display the currently active input.

Syntax
Input X

Parameter	Description	Range
X	Input	HDMI 1, HDMI 2, VGA, sta

Example
Input HDMI 2

Feedback
Input HDMI 2

IPAddUser

Adds a user for Telnet control. This command performs the same function as adding a user within the **Config** page of the web GUI. Refer to Config Menu in the AT-HD-SC-500 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-HD-SC-500.

Syntax
IPCFG

This command does not require any parameters

Example
IPCFG

Feedback
IP Addr : 192.168.1.38
Netmask : 255.255.255.0
Gateway : 192.168.1.1
Telnet Port: 23
Http Port: 80

IPDelUser

Deletes the specified TCP/IP user. This command performs the same function as removing a user within the **Config** page of the web GUI. Refer to the Confiog Menu in the AT-HD-SC-500 User Manual for more information.

Syntax
IPDelUser X

Parameter	Description	Range
X	User	User name

Example
IPDelUser BigBoss

Feedback
IPDelUser BigBoss
TCP/IP user was deleted

IPDHCP

Enables / disables DHCP mode on the AT-HD-SC-500. on = enables DHCP mode; off = disables DHCP mode; sta = displays the current IPDHCP setting. If this feature is disabled, then a static IP address must be specified for the AT-HDR-M2C. Refer to the IPStatic command for more information.

Syntax
IPDHCP X

Parameter	Description	Range
X	Value	on, off, sta

Example
IPDHCP on

Feedback
IPDHCP on

IPLogin

Enables / disables the use of login credentials when starting a Telnet session on the AT-HD-SC-500. If this feature is set to on, then the AT-HD-SC-500 will prompt for both the username and password. Use the same credentials as the web GUI. on = login credentials required; off = no login required; sta = displays the current IPLogin setting.

Syntax
IPLogin X

Parameter	Description	Range
X	Value	on, off, sta

Example
IPLogin off

Feedback
IPLogin off

IPPort

Sets the Telnet listening port for the AT-HD-SC-500. Use the sta argument to display the current port setting.

Syntax
IPPort X

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

Example
IPPort 23

Feedback
IPPort 23

IPQuit

Terminates the Telnet session.

Syntax
IPQuit X

This command does not require any parameters

Example
IPQuit

Feedback
IPQuit

IPStatic

Sets the static IP address, subnet mask, and gateway (router) address of the AT-HDR-M2C. Before using this command, DHCP must be disabled on the AT-HDR-M2C. 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 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 Telnet session is automatically closed.

Syntax
IPTimeout X

Parameter	Description	Range
X	Interval (in seconds)	0 ... 60000

Example
IPTimeout 300

Feedback
IPTimeout 300

LampCool

Sets the cool-down interval, in seconds, before the projector can be powered-off. During this time interval, the projector will not accept any commands until the “power off” command has been processed and the projector lamp has completed the cool-down cycle. Use the sta argument to display the current port setting.

Syntax
LampCool X

Parameter	Description	Range
X	Interval (in seconds)	0 ... 300, sta

Example
LampCool 120

Feedback
LampCool 120

Lock

Locks the buttons on the front panel. This function is useful to prevent accidental activation of the front-panel buttons in a busy environment. Use the Unlock command to unlock the button on the front panel.

Syntax
Lock

This command does not require any parameters

Example
Lock

Feedback
Lock

LRAUD

Enables / disables the L/R audio output. on = enables L/R audio out, off = disables L/R audio out, sta = displays the current LRAUD setting.

Syntax
LRAUD X

Parameter	Description	Range
X	Value	on, off, sta

Example
LRAUD off

Feedback
LRAUD off

MENUTMR

Sets the time interval before the OSD menu system is automatically hidden after no activity. Use the sta argument to display the current MENUTMR setting.

Syntax
MENUTMR X

Parameter	Description	Range
X	Interval (in seconds)	5 ... 100, sta

Example
MENUTMR 60

Feedback
MENUTMR 60

MirrorV

Vertically mirrors the video. on = enables vertical mirroring, off = disables vertical mirroring, sta = displays the current MirrorV setting.

Syntax
MirrorV

Parameter	Description	Range
X	Value	on, off, sta

Example
MirrorV on

Feedback
MirrorV on

Mreset

Resets the AT-HD-SC-500 to factory-default settings.

Syntax
Mreset

This command does not require any parameters

Example
Mreset

Feedback
Mreset

OSD

Sets the location of the OSD menu on the screen. 0 = Left-Top, 1 = Right-Top, 2 = Right-Bottom, 3 = Left-Bottom, 4 = Center, sta = displays the current OSD setting.

Syntax
OSD X

Parameter	Description	Range
X	Position	0 ... 4, sta

Example
OSD 2

Feedback
OSD 2

OSDAlpha

Sets the transparency of the OSD menu. Use the sta argument to display the current OSDAlpha setting.

Syntax
OSDAlpha X

Parameter	Description	Range
X	Opacity	0 ... 15, sta

Example
OSDAlpha 2

Feedback
OSDAlpha 2

OSDBGRND

Sets the background color of the OSD menu. 0 = grey, 1 = cyan, 2 = magenta, 3 = yellow, sta = displays the current OSDBGRND setting.

Syntax
OSDBGRND X

Parameter	Description	Range
X	Color	0 ... 3, sta

Example
OSDBGRND 2

Feedback
OSDBGRND 2

PicReset

Resets all picture settings.

Syntax
PicReset

This command does not require any parameters

Example
PicReset

Feedback
PicReset

PTIMGHDMI

Sets the preferred HDMI input timing. This setting is applied to both **HDMI IN 1** and **HDMI IN 2** ports. Use the sta argument to display the current PTIMGHDMI setting.

Syntax
PicReset

Parameter	Description	Range
X	Timing	0 ... 7, sta

Preferred Timing List
0 = 800 x 600
1 = 1024 x 768
2 = 1280 x 720
3 = 1280 x 800
4 = 1366 x 768
5 = 1680 x 1050
6 = 1920 x 1080
7 = 1920 x 1200

PTIMGVGA

Sets the preferred VGA input timing. Use the sta argument to display the current PTIMGVGA setting.

Syntax
PTIMGVGA X

Parameter	Description	Range
X	Timing	0 ... 7, sta

Example
PTIMGVGA 3

Feedback
PTIMGVGA 3

PWLock

Locks / unlocks the **DISPLAY** key on the front panel. on = enables DISPLAY lock, off = disables DISPLAY lock button, sta = displays the current PWLock setting.

Syntax
PWLock

Parameter	Description	Range
X	Value	on, off, sta

Example
PWLock on

Feedback
PWLock on

QOSD

Exits the OSD menu.

Syntax
QOSD

This command does not require any parameters

Example
QOSD

Feedback
QOSD

RAtlMac

Displays the MAC address of the AT-HDR-M2C.

Syntax
RAtlMac

This command does not require any parameters

Example
RAtlMac

Feedback
b8-98-b0-01-21-7c

SATRT

Sets the picture color saturation value. Use the sta argument to display the current SATRT setting.

Syntax
SATRT X

Parameter	Description	Range
X	Saturation	0 ... 100, sta

Example
SATRT 50

Feedback
SATRT 50

Select

Confirms the current selection in the OSD. Use the Up and Down commands to select (highlight) the desired option within the OSD.

Syntax
Select

This command does not require any parameters

Example
Select

Feedback
Select

SetCmd

Assigns an RS-232 or IP command to the specified button on the front panel.

Syntax
SetCmd X[Y]

Parameter	Description	Range
X	Button	on, off, vol+, vol-, mute
Y	Command	Command string

Example
SetCmd mute[Select]

Feedback
SetCmd mute[Select]

SetCmdFB

Sets the feedback string for the specified command key.

Syntax
SetCmdFB X

Parameter	Description	Range
X	Feedback string	Feedback string

Example
SetCmdFB mute[Selected]

Feedback
SetCmdFB mute[Selected]

SetCS

Sets the output color space. 0 = RGB, 1 = YUV, sta = displays the current SetCS setting.

Syntax
SetCS

Parameter	Description	Range
X	Color space	0, 1, sta

Example
SetCS 0

Feedback
SetCS 0

SetEnd

Sets the end-character of the specified command.

Syntax
SetEnd X[Y]

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

Example
SetEnd off[CR-LF]

Feedback
SetEnd off[CR-LF]

SetOff

Sets the time period (in seconds) to place the unit in standby. Use the sta argument to display the current SetOff setting.

Syntax
SetOff X

Parameter	Description	Range
X	Time interval	5 ... 240, sta

Example
SetOff 60

Feedback
SetOff 60

SHARP

Sets the picture sharpness.

Syntax
SHARP X

Parameter	Description	Range
X	Sharpness	0 ... 100, sta

Example
SHARP 70

Feedback
SHARP 70

System

Displays system information about the AT-HD-SC-500. The sta argument must be specified.

Syntax
System X

Parameter	Description	Range
X	Status	sta

Example
System sta

Feedback
Model: AT-HD-SC-500
MAC Addr: b8-98-b0-01-21-7c
Address Type: DHCP
Netmask: 255.255.255.0
Gateway: 10.0.1.1
HTTP Port: 80
Telnet Port: 23
Firmware: 1.3.10
On/Up Time(dd HH:mm:ss): 0 4:57:29
Power Status: PWON

Treble

Increases / decreases the amount of treble. In addition to specifying an integer value, the **+** and **-** arguments can be used, by themselves, to increase or decrease the amount of treble by 1 value, respectively. To display the current value, use the sta argument.

Syntax
TREBLE1 X

Parameter	Description	Range
X	Value	-12 ... 15, sta

Example
Treble 7
Treble -

Feedback
Treble 7
Treble 6

TrigCEC

Triggers the stored CEC command.

Syntax
TrigCEC X

Parameter	Description	Range
X	Value	on, off, vol+, vol-, mute

Example
TrigCEC on

Feedback
TrigCEC on

TrigIP

Trigger the stored IP commands to the Telnet client.

Syntax
TrigIP X

Parameter	Description	Range
X	Value	on, off, vol+, vol-, mute

Example
TrigIP vol+

Feedback
TrigIP vol+

TrigRS

Triggers the stored commands from RS-232 or IP.

Syntax
TrigRS X

Parameter	Description	Range
X	Value	on, off, vol+, vol-, mute

Example
TrigRS mute

Feedback
TrigRS mute

UARTPara

Sets the baud rate, data bits, parity, and stop bits for the serial port. Each argument must be separated by a comma with no spaces.

Syntax
UARTPara X

Parameter	Description	Range
W	Baud rate	2400, 4800, 9600, 19200, 38400, 57600, 115200
X	Data bits	7, 8
Y	Parity bit	0, 1, 2 (None, Odd, Even)
Z	Stop bits	1, 2

Example
UARTPara 115200,8,0,1

Feedback
UARTPara setting ok!

Unlock

Unlocks the buttons on the front panel. Use the Lock command to lock the buttons on the front panel.

Syntax
Unlock

This command does not require any parameters

Example
Unlock

Feedback
Unlock

Up

Scrolls up the cursor, in the OSD menu, one position.

Syntax
Up

This command does not require any parameters

Example
Up

Feedback
Up

Version

Displays the current firmware version of the AT-HD-SC-500.

Syntax
Version

This command does not require any parameters

Example
Version

Feedback
1.3.10

VGAAuto

Executes the VGA auto-adjust. This command automatically adjusts the phase and clock of the VGA signal. A VGA display must be connected to the AT-HD-SC-500 when executing this command. Otherwise, the command will fail.

Syntax
VGAAuto

This command does not require any parameters

Example
VGAAuto

Feedback
VGAAuto

VidOutRes

Sets the video output resolution. Use the sta argument to display the current video output resolution.

Syntax
VidOutRes

Parameter	Description	Range
X	Value	0 ... 27, sta

Output Resolution List
0 = 800x600p60
1 = 1024x768p60
2 = 1280x800p60
3 = 1280x1024p60
4 = 1366x768p60
5 = 1400x1050p60
6 = 1600x900p60
7 = 1600x1200p60
8 = 1680x1050p60
9 = 1920x1200pRB
10 = 1280x720p25
11 = 1280x720p29
12 = 1280x720p30
13 = 1280x720p50
14 = 1280x720p59
15 = 1280x720p60
16 = 1920x1080i50
17 = 1920x1080i59
18 = 1920x1080i60
19 = 1920x1080p23
20 = 1920x1080p24
21 = 1920x1080p25
22 = 1920x1080p29
23 = 1920x1080p30
24 = 1920x1080p50
25 = 1920x1080p59
26 = 1920x1080p60
27 = NATIVE

Example
VidOutRes 26

Feedback
VidOutRes 26

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, execute the VOUT1 command without any arguments.

Syntax
VOUT1

Parameter	Description	Range
X	Value	-80 ... 6

Example
VOUT1 4
VOUT1 +

Feedback
VOUT1 4
VOUT1 5

VOUTMute1

Mutes / unmutes the audio. on = enables muting; off = disables muting; sta = displays the current VOUTMute1 setting.

Syntax
VOUTMute1 X

Parameter	Description	Range
X	Value	on, off, sta

Example
VOUTMute1 on

Feedback
VOUTMute1 on

VOUTOSD

Enables / disables the volume bar in the OSD. on = displays volume bar; off = hides volume bar; sta = displays the current VOUTOSD setting.

Syntax
VOUTOSD X

Parameter	Description	Range
X	Value	on, off, sta

Example
VOUTOSD on

Feedback
VOUTOSD off

VZoom

Adjusts the vertical zoom (overscan) of the output image. Use the sta argument to display the current VZoom setting.

Syntax
VZoom X

Parameter	Description	Range
X	Value	0 ... 50, sta

Example
VZoom 10

Feedback
VZoom 10

x1$

Enables / disables the HDMI video output. on = enables HDMI output, off = disables HDMI output, sta = displays the current x1$ setting.

Syntax
x1$ X

Parameter	Description	Range
X	Value	on, off, sta

Example
x1$ off

Feedback
x1$ off

Zoom

Enables / disables overscan. on = enables overscan; off = disables overscan; sta = displays the current Zoom setting.

Syntax
Zoom X

Parameter	Description	Range
X	Value	on, off, sta

Example
Zoom on

Feedback
Zoom off