4K/UHD
Five-Input Universal Switcher
with Wireless Presentation Link

Version Information

Version	Release Date	Notes
15	Feb 2023	Removed S/PDIF remark from Audio:SetSource command.

Commands

The following is a list of Telnet commands for the AT-UHD-SW-510W. Commands are *not* case-sensitive. Do not change spacing or lettering. Each command is terminated with a carriage return. If the command fails or is entered incorrectly, then the feedback is "Unknown command".

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.

Telnet Commands

Command	Description
?	Lists all available commands
Audio:Mute:Get	Displays the muting state of the audio output
Audio:Mute:Set	Sets the muting state for HDMI or analog audio output
Audio:SetSource	Sets the external audio source to analog or digital
Audio:Volume:Decrease	Decreases the audio output level by the specified amount
Audio:Volume:Get	Displays the current audio output level
Audio:Volume:Increase	Increases the audio output level by the specified amount
Audio:Volume:Set	Sets the overall audio output level
Display:BYOD:Kick	Removes ("kicks") the BYOD user from the AT-UHD-SW-510W
Display:Control:IP:Get	Displays the IP address and port of the remote IP device
Display:Control:IP:Set	Sets the IP address and port of the remote IP device
Display:Input:All:Get	Displays a list of all inputs and the current status
Display:Input:Get	Displays the active input
Display:Input:HDCP:State:Get	Displays the HDCP input status
Display:Input:HDCP:State:Set	Sets the HDCP state of the specified input
Display:Input:Set	Sets the active input
Display:Matrix:Get	Displays the input for the specified output
Display:Matrix:Mode:Get	Displays the Matrix Mode state
Display:Matrix:Mode:Set	Enables or disables Matrix Mode
Display:Matrix:Set	Routes the specified input to the desired output
Display:Minimal:Get	Gets the state of the output display
Display:Minimal:Set	Sets the state for the output display
GetHostName	Displays the hostname of the AT-UHD-SW-510W
Help	Displays information about the specified command
Input:Get	Returns the active input
Input:Set	Sets the active input
Instruments:Temperature:Get	Displays the internal temperature of the AT-UHD-SW-510W
Misc:Model:Get	Displays the model of AT-UHD-SW-510W
Misc:Version:Get	Displays the fimware version of the specified system
Misc:Versions:Get	Displays the firmware version of all systems
Moderator:Enable:Get	Returns the status for Moderator mode
Moderator:Enable:Set	Enable or disable Moderator mode
Moderator:Kick	Kicks the specified BYOD device from the AT-UHD-SW-510W

Command	Description
Moderator:Show	Sets the specified BYOD device ID for casting
Moderator:Status:Get	Displays the status of Moderator mode
Net:GetInfo	Displays information about the network interface.
OSD:State:Get	Displays the display state of the OSD
OSD:State:Set	Enable or disables the OSD
Platform:Reset	Resets the AT-UHD-SW-510W to factory-default settings
Platform:Restart	Reboots the AT-UHD-SW-510W
Platform:Shutdown	Shuts down (powers-off) the AT-UHD-SW-510W
Relay:State:Get	Displays the state of the relay
Relay:State:Set	Sets the relay state
SetVol	Sets the output volume
Zone:PortParams	Displays the settings for the specified zone
Zone:PortSetup	Sets the RS-232 settings for the specified zone
Zone:SendCmd	Sends a command to the specified zone

REST Commands

Command	Description
Net:WiFiFence:Get	Displays the current settings for the Net:WifiFence:Set command
Net:WiFiFence:Set	Kicks a user from the Access Point at the specified signal threshold
Net:WiFiStations:Kick	Kicks a user from the Access Point for the specified amount of time
System:MaintenanceTime:Get	Displays the display state of the OSD
System:MaintenanceTime:Set	Enable or disables the OSD

?

Displays a list of available commands. Note that the example feedback, below, is not a listing of all commands. To display help for a specific command, use the Help command.

Syntax
?

This command does not require any parameters

Example
?

Feedback
```
Commands Listing

-----------------------------------------------------------

                             ? - This list
                          Help - More detailed help on a specific command
                          Quit - End the session
                    OutputMode - Change the output mode for all commands
                Misc:Model:Get - Returns model number of the device
              Misc:Version:Get - Returns version numbers for the various subsystems
             Misc:Versions:Get - Returns version numbers for the various subsystems
              Platform:Restart - Restarts the device
             Platform:Shutdown - Shutdown the device
                Platform:Reset - Factory Resets the device or certain subsystems
           Display:Minimal:Set - Turn the Display on / off [ 0 - 1 ]
           Display:Minimal:Get - Get the Display on / off
                   Display:Set - Turn the Display on / off [ 0 - 1 ]
                   Display:Get - Get the Display on / off
                     Input:Get - Return the active input
                     Input:Set - Changes the active input
         Display:Input:All:Get - Return the active inputs
             Display:Input:Get - Return the active input
             Display:Input:Set - Changes the active input
  Display:Input:HDCP:State:Get - Get the state of HDCP on an input  on / off
  Display:Input:HDCP:State:Set - Turn HDCP on an input  on / off
...
...
...
```

Audio:Mute:Get

Displays the muting status.

Syntax
Audio:Mute:Get

This command does not require any parameters

Example
```
Audio:Mute:Get
```

Feedback
```
{
      "result": {
            "outputmute": {
                  "analog": false,
                  "hdmi": true
            }
      },
      "methodreturn": "Audio:Mute:Get"
}
```

Audio:Mute:Set

Sets the muting for the HDMI or analog audio.

Syntax
Audio:Mute:Set X Y

Parameter	Description	Range
X	HDMI audio muting	true, false
Y	Analog audio muting	true, false

Example
```
Audio:Mute:Set hdmi true
```

Feedback
```
{
      "result": {
            "success": true
      },
      "methodreturn": "audio:mute:set hdmi true"
}
```

Audio:SetSource

Sets the external audio input source to analog or digital. When set to analog, audio from the 5-pin captive screw connector will be used.

Syntax
Audio:SetSource X

Parameter	Description	Range
X	Source	analog, digital

Example
```
Audio:SetSource analog
```

Feedback
```
{
     "result": {
          "success": true
     },
     "methodreturn": "audio:setsource analog"
}
```

Audio:Volume:Decrease

Decreases the output volume by a specified amount. Values are measured in decibels.

Syntax
Audio:Volume:Decrease X

Parameter	Description	Range
X	Amount to decrease audio (in dB)	1 ... 80

Example
```
Audio:Volume:Decrease 20
```

Feedback
```
{
     "result": {
          "volume": -20,
          "success": true
     },
     "methodreturn": "audio:volume:decrease 20"
}
```

Audio:Volume:Get

Displays the current audio output level in decibels.

Syntax
Audio:Volume:Get

This command does not require any parameters

Example
```
Audio:Volume:Get
```

Feedback
```
Audio:Volume:Get {
     "result": {
          "volume": {
               "units": "dB",
               "value": 0
          }
     },
     "methodreturn": "Audio:Volume:Get"
}
```

Audio:Volume:Increase

Increases the output volume by a specified amount. Values are measured in decibels.

Syntax
Audio:Volume:Increase X

Parameter	Description	Range
X	Amount to increase audio (in dB)	1 ... 80

Example
```
Audio:Volume:Increase 25
```

Feedback
```
{
     "result": {
          "volume": 0,
          "success": true
     },
     "methodreturn": "audio:volume:increase 25"
}
```

Audio:Volume:Set

Sets the overall audio output level, in decibels.

Syntax
Audio:Volume:Set X

Parameter	Description	Range
X	Output level (in dB)	-80 ... 0

Example
```
Audio:Volume:Set -10
```

Feedback
```
{
     "result": {
          "success": true
     },
     "methodreturn": "audio:volume:set -10"
}
```

Display:BYOD:Kick

Removes ("kicks") the existing BYOD connection from the AT-UHD-SW-510.

Syntax
Display:BYOD:Kick

This command does not require any parameters

Example
```
Display:BYOD:Kick
```

Feedback
```
{
     "result": {
          "success": true
     },
     "methodreturn": "display:byod:kick",
     "jsonrpc": "2.0"
}
```

Display:Control:IP:Get

Displays the IP address and port of the remote IP device, such as a display.

Syntax
Display:Control:IP:Get

This command does not require any parameters

Example
Display:Control:IP:Get

Feedback
```
{
    "result": {
        "port": 23,
        "ip": "10.20.50.58"
    },
    "methodreturn": "display:control:ip:get",
    "jsonrpc": "2.0"
}
```

Display:Control:IP:Set

Sets the IP address and port of the remote IP device, such as a display. The IP address must be specified in dot-decimal notation.

Syntax
Display:Control:IP:Set X Y

Parameter	Description	Range
X	IP address of device	1 ... 254 (per byte)
Y	Port	0 ... 65535

Example
Display:Control:IP:Set 10.20.50.58 23

Feedback
```
{
    "result": {
        "success": true
    },
    "methodreturn": "display:control:ip:set 10.20.50.58 23",
    "jsonrpc": "2.0"
}
```

Display:Input:All:Get

Displays a list of all inputs and the current status. If an input is not active, false is returned. Otherwise, true is returned.

Syntax
Display:Input:All:Get

This command does not require any parameters

Example
```
Display:Input:All:Get
```

Feedback
```
{
      "result": {
            "0": {
                  "status": false
            },
            "1": {
                  "status": true
            },
            "2": {
                  "status": false
            },
            "3": {
                  "status": true
            },
            "4": {
                  "type": "unknown",
                  "status": false
            }
      },
      "methodreturn": "display:input:all:get",
      "jsonrpc": "2.0"
}
```

Display:Input:Get

Displays the active input. If no input is connected, then unknown is returned.

Syntax
Display:Input:Get

This command does not require any parameters

Example
```
Display:Input:Get
```

Feedback
```
{
     "result": {
          "input": 4,
          "type": "unknown"
     },
     "methodreturn": "display:input:get",
     "jsonrpc": "2.0"
}
```

Display:Input:HDCP:State:Get

Displays the HDCP status of the specified input.

Syntax
Display:Input:HDCP:State:Get X

Parameter	Description	Range
X	Input	0 ... 4

Example
```
Display:Input:HDCP:State:Get 0
```

Feedback
```
{
     "result": {
          "state": true
     },
     "methodreturn": "display:input:hdcp:state:get 0"
}
```

Display:Input:HDCP:State:Set

Sets the HDCP state on the specified input. When specifying the second argument, 0 = off, 1= on.

Syntax
Display:Input:HDCP:State:Set X Y

Parameter	Description	Range
X	The specified input	0 ... 4
Y	The HDCP state	0, 1

Example
```
Display:Input:HDCP:State:Set 0 1
```

Feedback
```
{
      "result": {
            "success": true
      },
      "methodreturn": "display:input:hdcp:state:set 0 1"
}
```

Display:Input:Set

Sets the active input.

Syntax
Display:Input:Set input X

Parameter	Description	Range
X	The specified input	0 ... 4

Example
```
Display:Input:Set 1
```

Feedback
```
{
      "result": {
            "activeinput": 0
      },
      "methodreturn": "display:input:set 0",
      "jsonrpc": "2.0"
}
```

Display:Matrix:Get

Displays the input for the specified output in Matrix Mode. Set the parameter to 0 to query the HDBaseT output or set to 1 to query the HDMI output.

Syntax
Display:Matrix:Get X

Parameter	Description	Range
X	The specified output	0, 1

Example
```
Display:Matrix:Get 1
```

Feedback
```
{
     "result": {
          "input": 4
     },
     "methodreturn": "display:matrix:get 1",
     "jsonrpc": "2.0"
}
```

Display:Matrix:Mode:Get

Displays the state of the matrix mode. If true, then Matrix Mode is enabled. Use the Display:Matrix:Mode:Set command to enable or disable Matrix Mode.

Syntax
Display:Matrix:Mode:Get

This command does not require any parameters

Example
```
Display:Matrix:Mode:Get
```

Returns
```
{
     "result": {
          "mode": true,
          "subtype": "MATRIX_MODE_STATIC"
     },
     "methodreturn": "display:matrix:mode:get",
     "jsonrpc": "2.0"
}
```

Display:Matrix:Mode:Set

Enables or disabled Matrix Mode. Set to 1 to enable Matrix Mode, set to 2 to enable Matrix Mode with static route, set or set value=0 to disable Matrix Mode.

Syntax
Display:Matrix:Mode:Set X

Parameter	Description	Range
X	State	0 ... 2

Example
```
Display:Matrix:Mode:Set 2
```

Returns
```
{
     "result": {
          "success": true
     },
     "methodreturn": "display:matrix:mode:set 2"
}
```

Display:Matrix:Set

Routes the specified input to the desired output. The arguments for the input parameter correspond to the following ports: 0 = USB-C (1), 1 = DP IN (2), 2 = HDMI IN (3), 3 = HDMI IN (4), 4 = BYOD. Set output=1 to use the HDMI output or set output=0 to use the HDBaseT output. If Matrix Mode is disabled, this command will return "Command Failure".

Syntax
Display:Matrix:Set X Y

Parameter	Description	Range
X	Input port	0 ... 4
Y	Output port	0, 1

Example
```
Display:Matrix:Set 0 0
```

Returns
```
{
     "result": {
          "success": true
     },
     "methodreturn": "Display:Matrix:Set 0 0",
     "jsonrpc": "2.0"
}
```

Display:Minimal:Get

Gets the state of the output display. If a display is not connected, then false will be returned.

Syntax
Display:Minimal:Get

This command does not require any parameters

Example
```
Display:Minimal:Get
```

Returns
```
on
```

Display:Minimal:Set

Sets the video and audio muting state of the output display. Set to 0 to mute both audio and video. Set this to 1 to cancel audio and video muting. If a display is not connected, then false will be returned.

Syntax
Display:Minimal:Set X

Parameter	Description	Range
X	State	0, 1

Example
```
Display:Minimal:Set 1
```

Returns
```
{
     "result": {
          "success": true
     },
     "methodreturn": "display:minimal:set 1"
}
```

GetHostName

Displays the hostname of the AT-UHD-SW-510W. The hostname is the same string used in the **Derived** field, under the **General** tab, within the web interface. Refer to the User Manual for more information.

Syntax
GetHostName

This command does not require any parameters

Example
```
GetHostName
```

Returns
```
{
      "result": {
            "hostname": "sw510-d5d1"
      },
      "methodreturn": "gethostname"
}
```

Help

Displays additional information about the specified command.

Syntax
Help X

Parameter	Description	Range
X	Command name	--

Example
```
Help Display:Minimal:Set
```

Returns
```
Display:Minimal:Set <value>
    value - 0 = off
            1 = on
```

Input:Get

Returns the active input. If no input is connected, then unknown is returned.

Syntax
Input:Get

This command does not require any parameters

Example
Input:Get

Feedback
```
{
      "result": {
            "input": 4,
            "type": "airplay"
      },
      "methodreturn": "input:get",
      "jsonrpc": "2.0"
}
```

Input:Set

Sets the active input.

Syntax
Input:Set X

Parameter	Description	Range
X	The specified input	0 ... 4

Example
Input:Set 1

Feedback
```
{
      "result": {
            "activeinput": 0
      },
      "methodreturn": "input:set 0",
      "jsonrpc": "2.0"
}
```

Instruments:Temperature:Get

Displays the internal temperature of the AT-UHD-SW-510W. If the units parameter is not specified, then the temperature will be displayed in Celsius. Specify c for Celsius, f for Fahrenheit, or k for Kelvin.

Syntax
Instruments:Temperature:Get X

Parameter	Description	Range
X	Units (optional)	c, f, k

Example
```
Instruments:Temperature:Get c
```

Returns
```
{
      "result": {
            "scale": "Celcius",
            "value": 63
      },
      "methodreturn": "instruments:temperature:get"
}
```

Misc:Model:Get

Displays the model of the AT-UHD-SW-510W.

Syntax
Misc:Model:Get

This command does not require any parameters

Example
```
Misc:Model:Get
```

Returns
```
{
      "result": {
            "model": "AT-UHD-SW-510W"
      },
      "methodreturn": "misc:model:get"
}
```

Misc:Version:Get

Displays the hardware version of the AT-UHD-SW-510W. If no parameters are specified, then the master firmware version is returned.

Syntax
Misc:Version:Get X Y

Parameter	Description	Range
X	The master firmware version	master
Y	The MCU firmware version	mcu

Example
```
Misc:Version:Get mcu
```

Returns
```
{
     "result": {
          "version": {
               "mcu": "V1.1.05"
          }
     },
     "methodreturn": "misc:version:get mcu"
}
```

Misc:Versions:Get

Displays both the MCU and master firmware versions of the AT-UHD-SW-510W.

Syntax
Misc:Versions:Get

This command does not require any parameters

Example
```
Misc:Versions:Get
```

Returns
```
{
     "result": {
          "versions": {
               "mcu": "V1.1.05",
               "master": "2.2.0"
          }
     },
     "methodreturn": "misc:versions:get"
}
```

Moderator:Enable:Get

Displays the current status of Moderator mode. If Moderator Mode is disabled, then false is returned.

Syntax
Moderator:Enable:Get

This command does not require any parameters

Example
```
Moderator:Enable:Get
```

Returns
```
{
    "result": {
        "enable": true
    },
    "methodreturn": "moderator:enable:get",
    "jsonrpc": "2.0"
}
```

Moderator:Enable:Set

Enable or disable Moderator mode.

Syntax
Moderator:Enable:Set X

Parameter	Description	Range
X	State	0, 1

Example
```
Moderator:Enable:Set 1
```

Returns
```
{
    "result": {
        "success": true
    },
    "methodreturn": "moderator:enable:set 1"
}
    "jsonrpc": "2.0",
    "event": {
        "moderator": {
            "streams": [],
            "activeindex": -1,
            "enabled": true
        }
    }
}
```

Moderator:Kick

Kicks the specified BYOD ID from the system.

Syntax
Moderator:Kick X

Parameter	Description	Range
X	Client ID	Integer

Example
```
Moderator:Kick 2
```

Returns
```
{
      "result": {
            "success": true
      },
      "methodreturn": "Moderator:Kick 2"
}
```

Moderator:Show

Sets the active BYOD device ID for casting.

Syntax
Moderator:Show X

Parameter	Description	Range
X	Client ID	Integer

Example
```
Moderator:Show 2
```

Returns
```
{
      "result": {
            "success": true
      },
      "methodreturn": "Moderator:Show 2"
}
```

Moderator:Status:Get

Displays the current status of Moderator mode.

Syntax
Moderator:Status:Get

This command does not require any parameters

Example
Moderator:Status:Get

Returns
```
{
     "methodreturn": "moderator:status:get",
     "moderator": {
          "streams": [2],
          "activeindex": 1,
          "enabled": true
     },
     "jsonrpc": "2.0"
}
```

Net:GetInfo

Displays information about the network interface.

Syntax
Net:GetInfo

This command does not require any parameters

Example
Net:GetInfo

Returns
```
{
     "result": {
          "netinfo": {
               "eth0": {
                    "mode": "dynamic",
                    "txbytes": 173567004,
                    "txpackets": 1667259,
                    "netmask": "255.255.255.0",
                    "ip": "10.20.200.83",
                    "rxbytes": 295672822,
                    "mac": "00:1e:06:34:d5:d1",
                    "rxpackets": 4087005
               }
          }
     },
     "methodreturn": "net:getinfo"
}
```

OSD:State:Get

Displays the current state of the OSD. If the OSD is not displayed, then false is returned.

Syntax
OSD:State:Get

This command does not require any parameters

Example
```
OSD:State:Get
```

Returns
```
{
     "result": {
          "state": true
     },
     "methodreturn": "osd:state:get"
}
```

OSD:State:Set

Enables or disables the OSD overlay.

Syntax
OSD:State:Set X

Parameter	Description	Range
X	State	0, 1

Example
```
OSD:State:Set 1
```

Returns
```
{
     "result": {
          "success": true
     },
     "methodreturn": "osd:state:set 1"
}
```

Platform:Reset

Resets the AT-UHD-SW-510W to factory-default settings. Network settings are preserved, unless otherwise specified by the second parameter. This parameter is optional.

Syntax
Platform:Reset X Y

Parameter	Description	Range
X	System	all
Y	Network system (optional)	network

Example
```
Platform:Reset all
```

Returns
```
{
     "result": {
          "success": true
     },
     "jsonrpc": "2.0"
}
```

Platform:Restart

Reboots the AT-UHD-SW-510W.

Syntax
Platform:Restart

This command does not require any parameters

Example
```
Platform:Restart
```

Returns
```
{
     "result": {
          "success": true
     },
     "jsonrpc": "2.0"
}
```

Platform:Shutdown

Shuts down the power to the AT-UHD-SW-510W. This command should be performed before disconnecting the power from the unit.

Syntax
Platform:Shutdown

This command does not require any parameters

Example
```
Platform:Shutdown
```

Returns
```
{
     "result": {
          "success": true
     },
     "jsonrpc": "2.0"
}
```

Relay:State:Get

Displays the current state of the specified relay.

Syntax
Relay:State:Get X

Parameter	Description	Range
X	Relay number	0, 1

Example
```
Relay:State:Get 0
```

Returns
```
{
     "result": {
          "state": true
     },
     "methodreturn": "relay:state:get 0"
}
```

Relay:State:Set

Sets the state of the specified relay. The relay can be normally-open (NO) or normally-closed (NC).

Syntax
Relay:State:Set X Y

Parameter	Description	Range
X	Relay number	0, 1
Y	Relay state	0, 1

Example
```
Relay:State:Get 0 1
```

Returns
```
{
      "result": {
            "success": true
      },
      "methodreturn": "relay:state:set 0 1"
}
```

SetVol

Sets the output volume in decibels. Specify the sta argument to display the current volume level.

Syntax
SetVol X

Parameter	Description	Range
X	Level (dB)	-80 ... 0, sta

Example
```
SetVol -61
```

Returns
```
{
      "result": {
            "success": true
      },
      "methodreturn": "setvol -61"
}
```

Zone:PortParams

Returns the current RS-232 settings for the specified zone. 1 = RS-232 port; 2 = HDBaseT OUT port.

Syntax
Zone:PortParams zone

Parameter	Description	Range
zone	The zone to query	1, 2

Example
```
Zone:PortParams 1
```

Returns
```
{
     "result": {
          "zone": 1,
          "params": "[9600,8,0,1]"
     },
     "methodreturn": "zone:portparams 1"
}
```

Zone:PortSetup

Sets the RS-232 settings for the specified zone. 1 = RS-232 port; 2 = HDBaseT OUT port.

Syntax
Zone:PortSetup V W X Y Z

Parameter	Description	Range
V	The zone to assign settings to	1, 2
W	Baud rate	9600 ... 115200
X	Data bits	7, 8
Y	Parity bit	0, 1, 2
Z	Stop bit	1, 0

Example
```
Zone:PortSetup 1 19200 8 0 1
```

Returns
```
{
     "result": {
          "success": true
     },
     "methodreturn": "zone:portsetup 1 19200 8 0 1"
}
```

Zone:SendCmd

Sends an RS232 command to the specified zone. 1 = RS-232 port; 2 = HDBaseT OUT port.

Syntax
Zone:SendCmd X Y

Parameter	Description	Range
X	The zone to send to	1, 2
Y	Command	command

Example
```
Zone:SendCmd 1 vol+
```

Returns
```
{
      "result": {
            "success": true
      },
      "methodreturn": "zone:sendcmd 1 vol+"
}
```

REST Commands

The following is a list of REST commands for the AT-UHD-SW-510W. Commands are case-sensitive and must be entered with the correct syntax. Do not change capitalization or spacing.

Net:WiFiFence:Get

Displays the current settings defined with the Net:WifiFence:Set command.

Syntax
Net:WiFiFence:Get

This command does not require any parameters

Example
```
http://[ip]API?method=Net:WiFiFence:Get
```

Feedback
```
{
     "result": {
          "duration": 2,
          "period": 5000,
          "success": true,
          "enable": false,
          "timethreshold": 60000,
          "threshold": -75
     },
     "jsonrpc": "2.0"
}
```

Net:WiFiFence:Set

Kicks a user from the Access Point if a designated WiFi signal (in decibels) threshold is reached.

Syntax
Net:WiFiFence:Set

Parameter	Description	Range
enable	Boolean value	true, false
period	Time (milliseconds)	5000 ... 60000
threshold	Decibel value	Integer
duration	Time (minutes)	Integer
timethreshold	Time (milliseconds)	Integer

Example
http://[ip]/API?method=Net:WiFiFence:Set&enable=false&period=5000&threshold=-20&duration=2&timethreshold=60000

Feedback
```
{
      "result": {
            "duration": 2,
            "period": 5000,
            "success": true,
            "enable": false,
            "timethreshold": 60000,
            "threshold": -20
      },
      "jsonrpc": "2.0"
}
```

Net:WiFiStations:Kick

Kicks a user with the specified MAC address from the Access Point for a specific amount of time.

Syntax
Net:WiFiStations:Kick

Parameter	Description	Range
mac	MAC address	MAC address
timeout	Time (minutes)	Integer

Example
```
http://10.20.200.115/API?method=Net:WiFiStations:Kick&mac=30:59:b7:0f:d6:cc&timeout=10
```

Feedback
```
{
      "result": {
            "success": true
      },
      "jsonrpc": "2.0"
}
```

System:MaintenanceTime:Get

Displays the date and time when the AT-UHD-SW-510W will be rebooted, as a maintenance procedure.

Syntax
System:MaintenanceTime:Get

This command does not require any parameters

Example
```
http://10.20.200.115/API?method=System:MaintenanceTime:Get
```

Feedback
```
{
      "result": {
            "sunday": true,
            "saturday": false,
            "tuesday": false,
            "enable": false,
            "timezone": "America/Los_Angeles",
            "next_maintenance": "2019-03-10T00:00:00.521-08:00",
            "wednesday": false,
            "thursday": false,
            "friday": false,
            "time": "00:00",
            "monday": false
      },
      "jsonrpc": "2.0"
}
```

System:MaintenanceTime:Set

Sets the date and time when the AT-UHD-SW-510W will be rebooted, as a maintenance procedure. Note that if a time is not specified, then the reboot procedure will take place at midnight (UTC).

Syntax
System:MaintenanceTime:Set

Parameter	Description	Range
enable	Boolean	true, false
hour	Military Time (hours)	0 ... 23
minute	Time (minute)	0 ... 59
day	Day	Monday ... Sunday

Example
```
http://[ip]/API?method=System:MaintenanceTime:Set&tuesday=false&monday=true&timezone=UTC
```

Feedback
```
{
     "result": {
          "sunday": false,
          "saturday": false,
          "tuesday": false,
          "enable": false,
          "timezone": "UTC",
          "next_maintenance": "2019-03-15T00:00:00.790Z",
          "wednesday": false,
          "thursday": false,
          "friday": false,
          "time": "00:00",
          "monday": true
     },
     "jsonrpc": "2.0"
}
```