ATLONA
a PANDUIT company

OMEGA™

AV Presentation and Collaboration System

Application Programming Interface
1.0.1

AT-OME-CS31-SA
AT-OME-CS31-SA-HDBT
AT-OME-CS31-SA-C

Atlona Manuals
Switchers

Version Information

Version	Release Date	Notes
1	Jun 2024	Combined API (SA, SA-HDBT, and SA-C)

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Information

The following should be observed:

Telnet port: 23
SSH port: 22
WS: 80
WSS: 443

Websocket address = ws://<IP>/ws
Secure Websocket address = wss://<IP>/ws

RS-232 settings: 115200, N, 8, 1 (Default)

These products also support TCP Proxy to the local RS-232 ports with the following port assignments:

Port	Description
9001	RS-232 port 1
9002	RS-232 port 2

NOTE: These products do not support port 9000. In addition, TCP Proxy is not supported on the AT-OME-CS31-SA-HDBT **HDBaseT IN** port.

Commands

Audio

Command	Description
AmplifierMode.Get	Returns the audio mode of amplifier output
AmplifierMode.Set	Sets the amplifier audio output mode to stereo or mono
AudioDuck.Get	Returns the audio ducking status
AudioDuckAttack.Set	Sets the ducking attack time, in milliseconds
AudioDuckDepth.Set	Sets the ducking depth. Depth is specified in decibels
AudioDuckEn.Set	Enables or disables audio ducking
AudioDuckRelease.Set	Sets the ducking release time, in milliseconds
AudioDuckSrc.Set	Sets the audio source priority
AudioDuckThreshold.Set	Sets the ducking threshold, in decibels
AudioInput.Get	Returns the audio input status
AudioInputFormat.Get	Returns input audio format information
AudioInputMute.Set	Enables or disables audio input muting
AudioInputVol.Set	Sets the volume for the audio input, in decibels
AudioOutFormat.Get	Returns the audio format of the output
AudioOutput.Get	Returns the audio output mute status
AudioOutputFollow.Set	Enables or disables the linking of balanced audio out and amplifier audio out
AudioOutputMute.Set	Sets Audio Output to mute
AudioOutputVol.Set	Sets audio output volume, in decibels

Display (CEC/RS-232/IP)

Command	Description
DisplayCtrl.Get	Returns the display control mode
DisplayCtrlCmd.Set	Sets the command string to send to the display
DisplayCtrlDelay.Set	Sets the time interval, in minutes, before the command to power-off the display is sent
DisplayCtrlIP.Set	Specifies the IP settings for the display
DisplayCtrlMode.Set	Sets the protocol to be used to control the display
DisplayCtrlOperation.Set	Controls the display
DisplayCtrlRs232.Set	Sets the RS-232 parameters for communicating with the display over RS-232
DisplayPowerOnAuto.Set	Enables or disables turning on/off the display automatically, according to the output signal on HDMI output port

EDID

Command	Description
EDIDInput.Get	Returns the EDID input status
EDIDInput.Set	Sets the EDID on the specified input
EDIDInputFile.Set	Sets an EDID file to input EDID
EdidSinkFile.Get	Fetches the EDID of the sink connected to the output

HDCP

Command	Description
HdcpCompliant.Get	Returns the current HDCP state of all inputs
HdcpCompliant.Set	Sets the HDCP state for the desired input(s)

Network

Command	Description
Network.Get	Returns the current network settings of the unit
Network.Set	Sets the network settings of the unit
NetworkCtrlProtocols.Get	Returns the network control protocol
NetworkCtrlProtocolsEnable.Set	Enables or disables the desired network protocol
NetworkHostname.Get	Returns the hostname of the unit
NetworkHostname.Set	Sets the hostname of the unit

Occupancy Sensor

Command	Description
OccSensor.Get	Returns the status of the occupancy sensor
OccSensorAdd	Adds the AT-OCS-900 as a sensor
OccSensorDelete	Removes the specified AT-OCS-900N sensor
OccSensorIdentify	Enabled the blinking of the LED indicators on the AT-OCS-900N to physically identify the unit
OccSensorSettings	Enables or disables the standard I/O and Atlona IP sensors

PA Sense

Command	Description
PASense.Get	Returns the PA sense system release delay
PASenseRelease.Set	Sets PA sense system release delay, in seconds
PASenseTriggerMode.Set	Sets the trigger port for PA sense system

System

Command	Description
Platform.FactoryReset	Resets the unit to factory default settings
Platform.Reboot	Reboots the unit.
System.Get	Returns information about the unit
SystemBlinkLed.Set	Enables or disables blinking of the LED indicators on the front panel
SystemFrontPanel.Set	Enables or disables the front panel buttons
SystemStandby.Set	Places the unit in standby mode

USB

Command	Description
UsbFollowVideoCfg.Set	Assigns the USB host port to video ports
UsbSwitch.Get	Returns the current USB switch setting
UsbSwitchHost.Set	Sets which USB Host is switched to the USB device in manual switching mode
UsbSwitchMode.Set	Sets the USB switching mode
UsbVbus.Set	Toggles the Vbus

Video

Command	Description
VideoAutoSw.Set	Enables or disables auto switching.
VideoHDBTStatus.Get	Returns the HDBaseT status
VideoHDMIOut5V.Get	Returns the status of HDMI +5 V output when no output signal is present
VideoHDMIOut5V.Set	Enables or disables the HDMI +5 V when no output signal is present
VideoInputStatus.Get	Returns the status of the inputs
VideoOutputStatus.Get	Returns the status of the output
VideoSwitch.Get	Returns the current switching settings
VideoSwitch.Set	Switches the specified input to the output
VideoSwitchDefault.Set	Assigns the default input to be switched to in auto switching mode

AmplifierMode.Get

Returns the audio mode of amplifier output.

Structure
{"jsonrpc": "2.0","id": "X","method": "AmplifierMode.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AmplifierMode.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "amplifiermode": "stereo"
    },
    "jsonrpc": "2.0"
}
```

AmplifierMode.Set

Sets the amplifier audio output mode to stereo or mono.

Structure
{"jsonrpc": "2.0","id": "X","method": "AmplifierMode.Set","params":"Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	stereo, mono

Example

```
{ "jsonrpc": "2.0","id": "User1","method": "AmplifierMode.Set","params": "stereo"}
```

Returns

```
{
    "id": "User1",
    "jsonrpc": "2.0",
    "result": {
        "amplifiermode": "stereo"
    }
}
```

AudioDuck.Get

Returns the audio ducking status.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioDuck.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioDuck.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioDuck/enable": "true",
        "AudioDuck/source": "audio1",
        "AudioDuck/threshold": -30,
        "AudioDuck/depth": -30,
        "AudioDuck/attack": 100,
        "AudioDuck/release": 100
    },
    "jsonrpc": "2.0"
}
```

AudioDuckAttack.Set

Sets the ducking attack time, in milliseconds.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioDuckAttack.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	1...1000

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioDuckAttack.Set","params": 100}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioDuck/attack": 100
    },
    "jsonrpc": "2.0"
}
```

AudioDuckDepth.Set

Sets the ducking depth. Depth is specified in decibels.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioDuckDepth.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	-60...0

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioDuckDepth.Set","params": -30}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioDuck/depth": -30
    },
    "jsonrpc": "2.0"
}
```

AudioDuckEn.Set

Enables or disables audio ducking.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioDuckEn.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioDuckEn.Set","params": true}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioDuck/enable": "true"
    },
    "jsonrpc": "2.0"
}
```

AudioDuckRelease.Set

Sets the ducking release time, in milliseconds.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioDuckRelease.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	1...3000

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioDuckRelease.Set","params": 100}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioDuck/release": 100
    },
    "jsonrpc": "2.0"
}
```

AudioDuckSrc.Set

Sets which source has a higher priority, when triggering audio ducking. When audio is present on both the balanced audio input and the H.264/265 input, the input designated as the highest priority will remain at its set level, and the other input will be ducked along with all other audio inputs.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioDuckSrc.Set","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	audio1 // balanced input audio2 // H.264/H.265 input

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioDuckSrc.Set","params": "audio1"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioDuck/source": "audio1"
    },
    "jsonrpc": "2.0"
}
```

AudioDuckThreshold.Set

Sets the ducking threshold, in decibels.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioDuckThreshold.Set", "params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	-60...0

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioDuckThreshold.Set","params": -30}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioDuck/threshold": -30
    },
    "jsonrpc": "2.0"
}
```

AudioInput.Get

Returns the audio input status.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioInput.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioInput.Get"}
```

Returns

```
{
    "id": "User1",
    "jsonrpc": "2.0",
    "result": {
        "balanced/signal": "NO",
        "localmix/HDMI/muted": false,
        "localmix/HDMI/volume": 0,
        "localmix/USB/muted": false,
        "localmix/USB/volume": 0,
        "localmix/balanced/muted": false,
        "localmix/balanced/volume": 0,
        "localmix/unbalanced1/muted": false,
        "localmix/unbalanced1/volume": 0,
        "localmix/unbalanced2/muted": false,
        "localmix/unbalanced2/volume": 0,
        "remotemix/HDMI/muted": false,
        "remotemix/HDMI/volume": 0,
        "remotemix/MIC/muted": false,
        "remotemix/MIC/volume": 0,
        "remotemix/balanced/muted": false,
        "remotemix/balanced/volume": 0,
        "remotemix/unbalanced1/muted": false,
        "remotemix/unbalanced1/volume": 0,
        "remotemix/unbalanced2/muted": false,
        "remotemix/unbalanced2/volume": 0,
        "unbalanced1/signal": "NO",
        "unbalanced2/signal": "NO"
    }
}
```

AudioInputFormat.Get

Returns input audio format information.

Structure
`{ "jsonrpc": "2.0","id": "X","method": "AudioInputFormat.Get","params": "Y"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	in1, in2, in3

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioInputFormat.Get","params": "in2"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "source": "in2",
        "audioformat": "PCM;48kHZ"
    },
    "jsonrpc": "2.0"
}
```

AudioInputMute.Set

Enables or disables audio input muting. Note that `USB` can only be selected by the local mixer, and `MIC` can only be selected by the remote mixer.

Structure
`{"jsonrpc": "2.0","id": "X","method": "AudioInputMute.Set","params": {"mixer": "Y","source": "Z","mute": W}}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	local, remotemix
Z	params	balanced, unbalanced1, unbalanced2, HDMI, USB, MIC
W	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioInputMute.Set","params": {"mixer": "localmix","source": "USB","mute": true}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "mixer": "localmix",
        "source": "USB",
        "mute": true
    },
    "jsonrpc": "2.0"
}
```

AudioInputVol.Set

Sets the volume for the audio input, in decibels. Note that `USB` can only be selected by the local mixer, and `MIC` can only be selected by the remote mixer. `up` and `down` arguments can be used to increment or decrement the volume input level by 1, respectively.

Structure
`{"jsonrpc": "2.0","id": "X","method": "AudioInputVol.Set","params":{"mixer": "Y","source": "Z","volume": W}}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	local, remotemix
Z	params	balanced, unbalanced1, unbalanced2, HDMI, USB
W	params	-60...0, up, down

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioInputVol.Set","params":{"mixer": "localmix","source": "USB", "volume": -50}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "mixer": "localmix",
        "source": "USB",
        "volume": -50
    },
    "jsonrpc": "2.0"
}
```

AudioOutFormat.Get

Returns the audio format of the output.

Structure
`{"jsonrpc": "2.0","id": "X","method": "AudioOutFormat.Get","params": "Y"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	out1

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioOutFormat.Get","params": "out1"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "sink": "out1",
        "audioformat": "PCM;48kHZ"
    },
    "jsonrpc": "2.0"
}
```

AudioOutput.Get

Returns the audio output mute status.

Structure
{"jsonrpc": "2.0","id": "X","method": "AudioOutput.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioOutput.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "mixerout/follow": false,
        "balanced/muted": false,
        "balanced/volume": -40,
        "amp/muted": false,
        "amp/volume": -40,
        "uacaudio/muted": false,
        "uacaudio/volume": -40,
        "hdmiout/muted": false
    },
    "jsonrpc": "2.0"
}
```

AudioOutputFollow.Set

Enables or disables the linking of balanced audio out and amplifier audio out. When enabled (`true`), the volume and the mute/unmute status of the two audio outputs can be set together. When disabled (`false`), the volume and the mute/unmute status of the two audio outputs can be controlled independently.

Structure
`{"jsonrpc": "2.0","id": "X","method": "AudioOutputFollow.Set","params":Y}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioOutputFollow.Set","params": true}
```

Returns

```
{
    "id": "User1",
    "result": {
        "AudioOutputFollow": true
    },
    "jsonrpc": "2.0"
}
```

AudioOutputMute.Set

Mutes the audio output. If the command `AudioOutputFollow.Set` is set to `true`, then the request object `"audioout"` can be set to `balanced` or `amp`.

Structure
`{"jsonrpc": "2.0","id": "X","method": "AudioOutputMute.Set","params":{"audioout": "Y","mute": Z}}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	balanced, amp, uacaudio, hdmiout
Z	params	true, false, toggle

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioOutputMute.Set","params":{"audioout": "amp","mute": true}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "audioout": "amp",
        "mute": true
    },
    "jsonrpc": "2.0"
}
```

AudioOutputVol.Set

Sets audio output volume, in decibels. If the command `AudioOutputFollow.Set` is set to `true`, then the request object `"audioout"` can be set to `balanced` or `amp`. `up` and `down` arguments can be used to increment or decrement the volume output level by 1, respectively.

Structure
`{"jsonrpc": "2.0","id": "X","method": "AudioOutputVol.Set","params":{"audioout": "Y","volume": Z}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	balanced, amp, uacaudio
Z	params	-80...0, up, down

Example

```
{"jsonrpc": "2.0","id": "User1","method": "AudioOutputVol.Set","params":{"audioout":"amp", "volume": -60}}
```

Returns

```
{
    "jsonrpc": "2.0",
    "id": "User1",
    "method": "AudioOutputVol.Set",
    "params": {
        "audioout": "amp",
        "volume": -60
    }
}
```

DisplayCtrl.Get

Returns the display control mode.

Structure
{"jsonrpc": "2.0","id": "X","method": "DisplayCtrl.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "DisplayCtrl.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "DisplayControl/controlmethod": "RS232",
        "DisplayControl/AutocontrolEnabe": true,
        "DisplayControl/AutocontrolDelay": 2,
        "DisplayControl/ip/address": "192.168.XX.XX",
        "DisplayControl/ip/port": "1111",
        "DisplayControl/ip/mode": "Login",
        "DisplayControl/ip/username": "admin",
        "DisplayControl/ip/password": "admin",
        "DisplayControl/RS232": [
            {
                "prot ": "uart1 ",
                "Bitrate ": "9600 ",
                "Databits ": "8 ",
                "Parity ": "N ",
                "Stopbits ": "1 "
            },
            {
                "prot ": "uart2 ",
                "Bitrate ": "115200 ",
                "Databits ": "8 ",
                "Parity ": "N ",
                "Stopbits ": "1 "
            }
        ],
        "DisplayControl/command/RepeatStatus": true,
        "DisplayControl/command/RepeatTimes": "2",
        "DisplayControl/command/off": "\\x08\\ x22\\ x00\\ x00\\ x00\\ x01\\ xD5 ",
        "DisplayControl/command/on": "\\x08\\ x22\\ x00\\ x00\\ x00\\ x02\\ xD4 ",
        "DisplayControl/command/volumeup": "\\ x08\\ x22\\ x00\\ x00\\ x00\\ x01\\ x03
",
        "DisplayControl/command/volumedown": "\\x08\\ x22\\ x00\\ x00\\ x00\\ x02\\ x03
",
        "DisplayControl/command/mute": "\\x08\\ x22\\ x00\\ x00\\ x00\\ x01\\ x04 ",
        "DisplayControl/command/unmute": "\\x08\\ x22\\ x00\\ x00\\ x00\\ x02\\ x05 "
    },
    "jsonrpc": "2.0"
}
```

DisplayCtrlCmd.Set

Sets the command string to send to the display.

Structure
{"jsonrpc": "2.0","id": "X","method": "DisplayCtrlCmd.Set","params": {"cmd": "Y","data": "W"}}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	poweron, poweroff, volumeup,volumedown, mute, unmute
Z	params	[data]

Example

```
{"jsonrpc": "2.0","id": "User1","method": "DisplayCtrlCmd.Set","params": {"cmd": "poweron","data": "02 50 4f 4e 03"}}
```

Returns

```
{
    "id": "User1",
    "result": true,
    "jsonrpc": "2.0"
}
```

DisplayCtrlDelay.Set

Sets the time interval, in minutes, before the command to power-off the display is sent, when an A/V signal is no longer present.

Structure
{"jsonrpc": "2.0","id": "X","method": "DisplayCtrlDelay.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	1...30

Example

```
{"jsonrpc": "2.0","id": "User1","method": "DisplayCtrlDelay.Set","params": 2}
```

Returns

```
{
    "id": "User1",
    "result": {
        "displayctrldelay": 2
    },
    "jsonrpc": "2.0"
}
```

DisplayCtrlIP.Set

Specifies the IP settings for the display.

Structure
{"jsonrpc": "2.0","id": "X","method": "DisplayCtrlDelay.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	ipaddress	IP address of the display
Z	port	Port
M	mode	Login, Non-Login
N	username/password	String

Example

```
{"jsonrpc": "2.0","id": "X","method": "DisplayCtrlIP.Set","params": {"mode":"M","ipaddress":"Y","port":Z, "username":"N","password":"N"}}
```

Returns

```
{
    "jsonrpc": "2.0",
    "id": "User1",
    "method": "DisplayCtrlIP.Set",
    "params": {
        "mode": "Login",
        "ipaddress": "10.1.0.200",
        "port": 23,
        "username": "admin",
        "password": "TEST1"
    }
}
```

DisplayCtrlMode.Set

Sets the protocol to be used to control the display.

Structure
{"jsonrpc": "2.0","id": "X","method": "DisplayCtrlMode.Set","params":Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	IP, RS-232, CecAPI

Example

```
{"jsonrpc": "2.0","id": "User1","method": "DisplayCtrlMode.Set","params":"RS232"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "displaycontrolmethod": "RS232"
    },
    "jsonrpc": "2.0"
}
```

DisplayCtrlOperation.Set

Controls the display.

Structure
{ "jsonrpc": "2.0", "id" "X": "DisplayCtrlOperationSetResults", "method": "DisplayCtrlOperation.Set", "params": { "command": "Y", "controlmode": "Z" } }

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	poweron, poweroff,volumeup,volumedown, mute, unmute
Z	params	IP, RS232, CecAPI

Example

```
{ "jsonrpc": "2.0", "id": "DisplayCtrlOperationSetResults", "method":
"DisplayCtrlOperation.Set", "params": { "command": "poweron", "controlmode": "CecAPI" }
}
```

Returns

```
{
    "id": "DisplayCtrlOperationSetResults",
    "jsonrpc": "2.0",
    "result": {
        "DisplayCtrlOperation": true
    }
}
```

DisplayCtrlRs232.Set

Sets the RS-232 parameters for communicating with the display over RS-232.

Structure
{"jsonrpc": "2.0","id": "X","method": "DisplayCtrlRs232.Set","params": {"port": Y,"baudrate": Z,"parity": L, "dataBit": M,"stopBit": N}}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	uart1, uart2
Z	params	9600, 19200, 38400, 57600, 115200
L	params	N, O, E
M	params	7, 8
N	params	1, 2

Example

```
{"jsonrpc": "2.0","id": "User1","method": "DisplayCtrlRs232.Set","params": {"port": "uart1","baudrate": "115200","parity": "N","dataBit": "8","stopBit": "1"}}
```

Returns

```
{
    "id": "User1",
    "result": true,
    "jsonrpc": "2.0"
}
```

DisplayPowerOnAuto.Set

Enables or disables turning on/off the display automatically, according to the output signal on HDMI output port.

Structure
{"jsonrpc": "2.0","id": "X","method": "DisplayPowerOnAuto.Set","params":Y }

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "DisplayPowerOnAuto.Set","params":true}
```

Returns

```
{
    "id": "User1",
    "result": {
        "displaypowonauto": true
    },
    "jsonrpc": "2.0"
}
```

EDIDInput.Get

Returns the EDID input status.

Structure
{"jsonrpc": "2.0","id": "X","method": "EDIDInput.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "EDIDInput.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "mem1": true,
        "mem1EDID ": "xxxx",
        "edidsettings": [
            {
                "source": "in1",
                "edidmode": 2
            },
            {
                "source": "in2",
                "edidmode": 2
            },
            {
                "source": "in3",
                "edidmode": 2
            }
        ]
    },
    "jsonrpc": "2.0"
}
```

EDIDInput.Set

Sets the EDID on the specified input.

Structure
`{"jsonrpc": "2.0","id": "X","method": "EdidInput.Set","params": {"source": "Y","edidmode": Z}}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	in1, in2, in3, all
Z	params	1...11, 99

The values 1 through 9, for the third parameter, refer to the following:

1 = Copy from the hdmi output connected display (Default).
2 = 3840x2160 @ 60 Hz 2.0 CH PCM Audio with HDR.
3 = 3840x2160 @ 30 Hz 2.0 CH PCM Audio with SDR.
4 = 1920x1080P @ 60 Hz 2.0 CH PCM Audio with SDR.
5 = 1920x1080P @ 30 Hz 2.0 CH PCM Audio with SDR.
6 = 1280x720P @ 60 Hz 2.0 CH PCM Audio with SDR.
7 = 1280x800 2.0 CH PCM Audio with SDR.
8 = 1920x1200 2.0 CH PCM Audio with SDR.
9 = 5120x2160 @ 30 Hz 2.0 CH PCM Audio with SDR.
10 = 3440x1440 @ 50 Hz 2.0 CH PCM Audio with SDR.
11 = 2560x1080 @ 60 Hz 2.0 CH PCM Audio with SDR.
99 = Custom.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "EdidInput.Set","params": {"source": "in1","edidmode": 2}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "source": "in1",
        "edidmode": 2
    },
    "jsonrpc": "2.0"
}
```

EDIDInputFile.Set

Sets an EDID file to input EDID. EDID data must be a hexadecimal string with no spaces.

Structure
{"jsonrpc": "2.0","id": "X","method": "EdidInputFile.Set","params": {"edid": "Y"}}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	[512 bytes hexadecimal EDID data]

Example

```
{"jsonrpc": "2.0","id": "User1","method": "EdidInputFile.Set","params":
{"source": "all, "edid": " 2000000000FFFFFFFFFFFF004C2DCB0B000000000D180103804728782
AD691A7554EA02567200020000C5054BFEF80714F810081C081809500A9C0B3000101565E00A0A0A0295
030204F200040003500C48E2100001A023A801871382D40582C4500C48E2100001E000000FD001885200
060004B1B5A19000A2020202020200000000FC00533332443835300A2020202020011885200080002031
CF14890041F13031220222309070783010000660300C00100080023A8018522000A00071382D40582C450
0C48E2100001E023A80D072382D40102C4580C48E2100001E9B2000C000011D007251D01E206E285500C
48E2100001E011D00BC52D01E20B8285540C48EB42000E0002100001E0000000000000000000000000000
0000000000000000000000000000A21F00000001FF"}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "edid": "2000000000FFFFFFFFFFFF004C2DCB0B000000000D180103804728782AD691A7554
                 EA02567200020000C5054BFEF80714F810081C081809500A9C0B3000101565E00A0
                 A0A0295030204F200040003500C48E2100001A023A801871382D40582C4500C48E2
                 100001E000000FD00188520006000 4B1B5A19000A2020202020200000000FC005333
                 332443835300A2020202020011885200080000 2031CF14890041F13031220222309
                 0707830100006603 0C00100080023A8018522000A00071382D40582C4500C48E210
                 0001E023A80D072382D40102C4580C48E2100001E9B2000C000011D007251D01E20
                 6E285500C48E2100001E011D00BC52D01E20B8285540C48EB42000E0002100001E0
                 0000000000000000000000000000000000000000000000000000A21F00000001FF"
    },
    "jsonrpc": "2.0"
}
```

EdidSinkFile.Get

Fetches the EDID from the sink that is connected to the output.

Syntax
{ "jsonrpc": "2.0","id": "X","method": "EdidSinkFile.Get","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	out1

Example

```
{"jsonrpc": "2.0","id": "User1","method": "EdidSinkFile.Get","params": "out1"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "edid": "00ffffffffffff004c2d7c0b00000000331701038059327 80aee91a3544c99260f5054bde
                 f80714f8 1c0810081809500a9c0b3000101023a801871382d40582c450076f2310
                 0001e662156aa51001e30468f330076f23100001e000000fd00184b0f5117000a20
                 2020202020000000fc0053414d53554e470a202020202001e0020325f14d901f041
                 3051403122021220716230907078301 0000e2000f67030c001000b82d011d80d072
                 1c1620102c258076f23100009e011d8018711c1620582c250076f23100009e011d0
                 0bc52d01e20b828554076f23100001e011d007251d01e206e28550076f23100001e
                 000000000000000000000000000000000070"
    },
    "jsonrpc": "2.0"
}
```

HdcpCompliant.Get

Returns the current HDCP state of all inputs.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "HdcpCompliant.Get"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "HdcpCompliant.Get"}
```

Returns

```
{
    "id": "User1",
    "jsonrpc": "2.0",
    "result": {
        "hdcpCompliants": [
            {
                "hdcpCompliant": true,
                "source": "in1"
            },
            {
                "hdcpCompliant": true,
                "source": "in2"
            },
            {
                "hdcpCompliant": true,
                "source": "in3"
            }
        ]
    }
}
```

HdcpCompliant.Set

Sets the HDCP state for the desired input(s).

Syntax
`{"jsonrpc": "2.0","id": "X","method": "HdcpCompliant.Set","params": {"source": "Y","hdcpCompliant": S}}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	in1, in2, in3, all
Z	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "HdcpCompliant.Set","params": {"source": "in1","hdcpCompliant": true}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "source": "in1",
        "hdcpCompliant": true
    },
    "jsonrpc": "2.0"
}
```

Network.Get

Returns the current network settings of the unit.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "Network.Get"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "Network.Get"}
```

Returns

```
{
    "id": "User1",
    "jsonrpc": "2.0",
    "result": {
        "gateway": "10.1.1.254",
        "ip_mode": "dhcp",
        "ip_port": 23,
        "ipaddr": "10.1.0.26",
        "mac": "B8:98:B0:0E:F4:63",
        "netmask": "255.255.254.0"
    }
}
```

Network.Set

Sets the network settings of the unit.

Syntax
`{"jsonrpc": "2.0","id": "U","method": "Network.Set","params":{"ip_mode": "V","ipaddr": "W","netmask": "X", "gateway": "Y","ip_port": Z}}`

Identifier	Request Object	Parameters
U	id	Enter a user id. This is optional.
V	params	static, dhcp
W	params	IP address (xxx.xxx.xxx.xxx)
X	params	Netmask (xxx.xxx.xxx.xxx)
Y	params	Gateway (xxx.xxx.xxx.xxx)
Z	params	Port number

Example

```
{"jsonrpc": "2.0","id": "User1","method": "Network.Set","params": {"ip_mode": "static", "ipaddr":"192.168.2.100","netmask": "255.255.255.0","gateway": "192.168.2.1","ip_port": 23}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "ip_mode": "static",
        "ipaddr": "192.168 .2 .100",
        "netmask": "255.255 .255 .0",
        "gateway": "192.168 .2 .1",
        "ip_port": 23
    },
    "jsonrpc": "2.0"
}
```

NetworkCtrlProtocols.Get

Returns the network control protocol.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "NetworkCtlProtocols.Get"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "NetworkCtlProtocols.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "telnet": {
            "enabled": true,
            "timeout": "off"
        },
        "ssh": {
            "enabled": true,
            "timeout": "off"
        }
    },
    "jsonrpc": "2.0"
}
```

NetworkCtrlProtocolsEnable.Set

Enables or disables the desired network protocol.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "NetworkCtlProtocolsEnable.Set","params":{"protocol":"Y","enabled": Z}}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	telnet, ssh
Z	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "NetworkCtlProtocolsEnable.Set","params":{"protocol":"telnet" "enabled": false}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "protocol": "telnet",
        "enabled": false
    },
    "jsonrpc": "2.0"
}
```

NetworkHostname.Get

Returns the hostname of the unit.

Syntax
{"jsonrpc": "2.0","id": "X","method": "NetworkHostname.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "NetworkHostname.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "hostname": "ATL"
    },
    "jsonrpc": "2.0"
}
```

NetworkHostname.Set

Sets the hostname of the unit. If no hostname is provided, then the default hostname will be assigned.

Syntax
{"jsonrpc": "2.0","id": "X","method": "NetworkHostname.Set","hostname":"Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	Hostname

Example

```
{"jsonrpc": "2.0","id": "User1","method": "NetworkHostname.Set","hostname": "ATL"}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "hostname": "ATL"
    },
    "jsonrpc": "2.0"
}
```

OccSensor.Get

Returns the status of the occupancy sensor.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "OccSensor.Get"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "OccSensor.Get"}
```

Returns

```
{
    "id": "OccSensorGetResults",
    "result": {
        "OccupancySensorSettings": {
            "OccupancySensor/enable/on": true,
            "OccupancySensor/enable/off": false,
            "OccupancySensorIP/enable/on": true,
            "OccupancySensorIP/enable/off": false
        },
        "OccupancySensor/OCS-900N-NUM": "2",
        "OccupancySensor/OCS-900N": [
            {
                "ID": "OCS4567",
                "host": "192.168.50.110",
                "port": 9000,
                "connected": true,
                "state": "vacant"
            },
            {
                "ID": "OCS4567",
                "host": "192.168.50.110",
                "port": 9000,
                "connected": true,
                "state": "vacant"
            }
        ]
    },
    "jsonrpc": "2.0"
}
```

OccSensorAdd

Adds the AT-OCS-900 as a sensor. A maximum of two AT-OCS-900N sensors can be added.

Syntax
{"jsonrpc": "2.0","id": "X","method": "OccSensorAdd","params":{"host":"Y","port":Z}}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	IP address or hostname
Z	params	Port

Example

```
{"jsonrpc": "2.0","id": "User1","method": "OccSensorAdd","params":{"host":"192.168.50.1
10","port":9000}}
```

Returns

```
{
    "id": "User1",
    "result": true,
    "jsonrpc": "2.0"
}
```

OccSensorDelete

Removes the specified AT-OCS-900N sensor. Execute OccSensor.Get to obtain the sensor ID.

Syntax
{"jsonrpc":"2.0","id": "X","method": "OccSensorDelete","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	Sensor ID

Example

```
{"jsonrpc": "2.0","id": "User1","method": "OccSensorDelete","params":"OCS4567"}
```

Returns

```
{
    "id": "User1",
    "result": true,
    "jsonrpc": "2.0"
}
```

OccSensorIdentify

Enabled the blinking of the LED indicators on the AT-OCS-900N to physically identify the unit. The sensor ID must be specified. Use OccSensor.Get to obtain the ID.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "OccSensorIdentify","params": "Y"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	Sensor ID

Example

```
{"jsonrpc": "2.0","id": "User1","method": "OccSensorIdentify","params": "OCS4567"}
```

Returns

```
{
    "id": "User1",
    "result": true,
    "jsonrpc": "2.0"
}
```

OccSensorSettings

Enables or disables the standard I/O and Atlona IP sensors.

Syntax
{"jsonrpc": "2.0","id": "W","method": "OccSensorSettings","params":{"OccupancySensor/enable/on":X,"OccupancySensor/enable/off":X,"OccupancySensorIP/enable/on":X,"OccupancySensorIP/enable/off":X}}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "OccSensorSettings","params":{"OccupancySensor/enable/on":true,"OccupancySensor/enable/off":false,"OccupancySensorIP/enable/on":true,"OccupancySensorIP/enable/off":false}}
```

Returns

```
{
    "id": "User1",
    "jsonrpc": "2.0",
    "result": {
        "OccupancySensor/enable/off": false,
        "OccupancySensor/enable/on": false,
        "OccupancySensorIP/enable/off": false,
        "OccupancySensorIP/enable/on": false
    }
}
```

PASense.Get

Returns the PA sense system release delay.

Syntax
{"jsonrpc": "2.0","id": "X","method": "PASense.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "PASense.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "PASenseStatus": "Connected",
        "PASenseTriggerPort": "Connected",
        "PASenserelease": 15,
        "PASenseTriggerMode": "NO"
    },
    "jsonrpc": "2.0"
}
```

PASenseRelease.Set

Sets PA sense system release delay, in seconds.

Syntax
{"jsonrpc": "2.0","id": "X","method": "PASenseRelease.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	3 ... 25

Example

```
{"jsonrpc": "2.0","id": "User1","method": "PASenseRelease.Set","params": 15}
```

Returns

```
{
    "id": "User1",
    "result": {
        "PASenserelease": 15
    },
    "jsonrpc": "2.0"
}
```

PASenseTriggerMode.Set

Sets the trigger port for PA sense system. The PA sense system uses a contact closure trigger port that can be interfaced to IP PA receivers that have contact closure outputs. When configured as Normally Open (NO), the trigger port is considered *inactive* when the two pins are *not* shorted together. When configured as Normally Closed (NC), the pins are shorted together.

Syntax
{"jsonrpc": "2.0","id": "X","method": "PASenseTriggerMode.Set","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	NO, NC

Example

```
{"jsonrpc": "2.0","id": "User1","method": "PASenseTriggerMode.Set","params": "NO"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "PASenseTriggerMode": "NO"
    },
    "jsonrpc": "2.0"
}
```

Platform.FactoryReset

Resets the unit to factory default settings.

Syntax
{"jsonrpc": "2.0","id": "X","method": "Platform.FactoryReset"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "Platform.FactoryReset"}
```

Returns

```
{
    "id": "User1",
    "result": true,
    "jsonrpc": "2.0"
}
```

Platform.Reboot

Reboots the unit.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "Platform.Reboot"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "Platform.Reboot"}
```

Returns

```
{
    "id": "User1",
    "result": true,
    "jsonrpc": "2.0"
}
```

System.Get

Returns information about the unit.

Syntax
{"jsonrpc": "2.0","id": "X","method": "System.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "System.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "HwVer": "v1.0",
        "FwVer": "v1.0",
        "MCUVer": "v1.0",
        "CPLDVer": "v1.0",
        "DSPVer": "v1.0",
        "ValensVer": "v1.0",
        "USB-C": "v1.0",
        "OnTime": "0-19:8:55",
        "model": "AT-OME-CS31-SA-HDBT",
        "serialnumber": "123456",
        "standby": false,
        "frontpanel": true,
        "blinkled": true,
        "network": {
            "hostname": "nil",
            "macaddress": "B8:98:B0:05:93:E6",
            "ipaddress": "192.168.50.134"
        }
    },
    "jsonrpc": "2.0"
}
```

SystemBlinkLed.Set

Enables or disables blinking of the LED indicators on the front panel.

Syntax
{"jsonrpc": "2.0","id": "X","method": "SystemBlinkLed.Set","params":Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "SystemBlinkLed.Set","params": true}
```

Returns

```
{
    "id": "User1",
    "result": {
        "blinkled": true
    },
    "jsonrpc": "2.0"
}
```

SystemFrontPanel.Set

Enables or disables the front panel buttons.

Syntax
{"jsonrpc": "2.0","id": "X","method": "SystemFrontPanel.Set","params": Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "SystemFrontPanel.Set","params": true}
```

Returns

```
{
    "id": "User1",
    "result": {
        "frontpanel": true
    },
    "jsonrpc": "2.0"
}
```

SystemStandby.Set

Places the unit in standby mode.

Syntax
{"jsonrpc": "2.0","id": "X","method": "SystemStandby.Set","params":Y}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "SystemStandby.Set","params":true}
```

Returns

```
{
    "id": "User1",
    "result": {
        "standby": true
    },
    "jsonrpc": "2.0"
}
```

UsbFollowVideoCfg.Set

Assigns the USB host port to video ports. When the video auto-switches, the USB host port will follow video switching.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "UsbFollowVideoCfg.Set","params":{"source":"Y", "maptohost":"Z"}}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	in1, in2, in3
Z	params	host1, host2

Example

```
{"jsonrpc": "2.0","id": "User1","method": "UsbFollowVideoCfg.
Set","params":{"source":"in1", "maptohost":"host1"}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "source": "in1",
        "maptohost": "host1"
    },
    "jsonrpc": "2.0"
}
```

UsbSwitch.Get

Returns the current USB switch setting.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "UsbSwitch.Get"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "UsbSwitch.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "usbswitchmode": "follow video",
        "followvideousbmap": [
            {
                "source": "in1",
                "maptohost": "host1"
            },
            {
                "source": "in2",
                "maptohost": "host1"
            },
            {
                "source": "in3",
                "maptohost": "host1"
            }
        ],
        "UsbSwitchHost.": "host1",
        "usbVbus": "2"
    },
    "jsonrpc": "2.0"
}
```

UsbSwitchHost.Set

Sets which USB Host is switched to the USB device in manual switching mode.

Syntax
{"jsonrpc": "2.0","id": "X","method": "UsbSwitchHost.Set","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	host1, host2

Example

```
{"jsonrpc": "2.0","id": "User1","method": "UsbSwitchHost.Set","params": "host1"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "toHost": "host1"
    },
    "jsonrpc": "2.0"
}
```

UsbSwitchMode.Set

Sets the USB switching mode.

Syntax
{"jsonrpc": "2.0","id": "X","method": "UsbSwitchMode.Set","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	follow video, manual

Example

```
{"jsonrpc": "2.0","id": "User1","method": "UsbSwitchMode.Set","params": "follow video"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "usbswitchmode": "follow video"
    },
    "jsonrpc": "2.0"
}
```

UsbVbus.Set

Toggles the Vbus. The default setting is `true`, which allows the USB hub port to toggle on and off based on the presence of a USB host. If set to false, then USB power to the **HOST** port is always on. This would allow a device, such as the AT-CAP-SP100, to continually charge, even if no USB host is present.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "UsbVbus.Set","params": "Y"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "UsbVbus.Set","params": "true"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "usbVbus": "true"
    },
    "jsonrpc": "2.0"
}
```

VideoAutoSw.Set

Enables or disables auto switching. When set to `true`, auto switch will be enabled.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "VideoAutoSw.Set","params": Y}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoAutoSw.Set","params": true}
```

Returns

```
{
    "id": "User1",
    "result": {
        "autosw": true
    },
    "jsonrpc": "2.0"
}
```

VideoHDBTStatus.Get

Returns the HDBaseT status.

Syntax
{"jsonrpc": "2.0","id": "X","method": "VideoHDBTStatus.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoHDBTStatus.Get”}
```

Returns

```
{
    "id": "User1",
    "result": {
        "link": "up",
        "remote model": "AT-OME-EX-TX"
    },
    "jsonrpc": "2.0"
}
```

VideoHDMIOut5V.Get

Returns the status of HDMI +5 V output when no output signal is present.

Syntax
{"jsonrpc": "2.0","id": "X","method": "VideoHDMIOut5V.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoHDMIOut5V.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "HDMIOut5V": true
    },
    "jsonrpc": "2.0"
}
```

VideoHDMIOut5V.Set

Enables or disables the HDMI +5 V when no output signal is present.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "VideoHDMIOut5V.Set","params":Y}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	true, false

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoHDMIOut5V.Set","params":false}
```

Returns

```
{
    "id": "User1",
    "result": {
        "HDMIOut5V": false
    },
    "jsonrpc": "2.0"
}
```

VideoInputStatus.Get

Returns the status of the inputs.

Syntax
{"jsonrpc": "2.0","id": "X","method": "VideoInputStatus.Get","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	in1, in2, in3

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoInputStatus.Get","params": "in2"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "source": "in2",
        "cableconnection": "Conneted",
        "signal": "Valid",
        "videoformat": "3840x2160,60;none hdr;rgb;8bit;16:9",
        "hdcp": "hdcp2.2",
        "signaltype": "hdmi"
    },
    "jsonrpc": "2.0"
}
```

VideoOutputStatus.Get

Returns the status of the output.

Syntax
{"jsonrpc": "2.0","id": "X","method": "VideoOutputStatus.Get","params": "Y"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	out1

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoOutputStatus.Get","params": "out1"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "sink": "out1",
        "activeinput": "in1",
        "cableconnection": "Conneted",
        "signal": "Valid",
        "videoformat": "3840x2160,60;none hdr;rgb;8bit;16:9",
        "hdcp": "hdcp2.2",
        "signaltype": "hdmi"
    },
    "jsonrpc": "2.0"
}
```

VideoSwitch.Get

Returns the current switching settings.

Syntax
{"jsonrpc": "2.0","id": "X","method": "VideoSwitch.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	out1

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoSwitch.Get"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "autoswitch": true,
        "switch": {
            "in": "in1",
            "out": "out1"
        },
        "switchdefault": "in1",
        "jsonrpc": "2.0"
    }
}
```

VideoSwitch.Set

Switches the specified input to the output.

Syntax
{"jsonrpc": "2.0","id": "X","method": "VideoSwitch.Get"}

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	in1, in2, in3
Y	params	out1

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoSwitch.Set","params":{"in":
"in1","out": "out1"}}
```

Returns

```
{
    "id": "User1",
    "result": {
        "switch": {
            "in": "in1",
            "out": "out1"
        }
    },
    "jsonrpc": "2.0"
}
```

VideoSwitchDefault.Set

Assigns the default input to be switched to, when no video is present on the last connected input, in auto switching mode.

Syntax
`{"jsonrpc": "2.0","id": "X","method": "VideoSwitchDefault.Set","params": "Y"}`

Identifier	Request Object	Parameters
X	id	Enter a user id. This is optional.
Y	params	in1, in2, in3

Example

```
{"jsonrpc": "2.0","id": "User1","method": "VideoSwitchDefault.Set","params": "in1"}
```

Returns

```
{
    "id": "User1",
    "result": {
        "switchdefault": "in1"
    },
    "jsonrpc": "2.0"
}
```