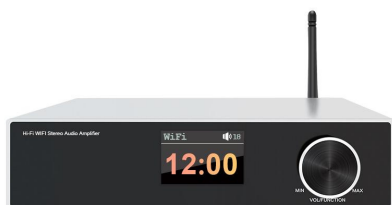


User Manual

HTTPS API for CS2, ADamp.70, ACamp-60/100



Update time : 2025/08/26

1. Overview

The format of the API supports HTTP or HTTPS based API. The format of HTTP is <http://x.x.x.x:8000/?Instruct=params>. The format of HTTPS is <https://x.x.x.x:8443/?Instruct=params>, x.x.x.x is the IP address of the device, 8000 and 8443 is the port number of the monitored device (The device IP used in this user manual is assumed to be 192.168.0.119), params is the actual command which need users to fill in.

Send HTTPS requests to devices through API requests, with responses in JSON or text format.

2. Preview of all API

Click on the API link below, press Ctrl and click the mouse to jump to the corresponding API introduction section.

Get device information	https://192.168.0.119:8443/?Instruct=getStatusEx
Network	https://192.168.0.119:8443/?Instruct=wlanGetConnectState
	https://192.168.0.119:8443/?Instruct=getScanAPs
	https://192.168.0.119:8443/?Instruct=connectToAP:wifiName:xxx:wifiPassword:xxx
Playback control	https://192.168.0.119:8443/?Instruct=getPlayerStatus
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:play:url
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:playlist:songid
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:pause
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:resume
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:onepause
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:prev
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:next
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:getplay:seconds
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:setplay:seconds
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:stop
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:vol:value
	https://192.168.0.119:8443/?Instruct=setChannel:channel
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:RemoteVol++
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:RemoteVol--
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:mute:mute
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:maximumVolume:maximumVolum

	https://192.168.0.119:8443/?Instruct=setPlayerCmd:prompttone:prompt_tone
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:loopmode:loopmode
Device control	https://192.168.0.119:8443/?Instruct=reboot
	https://192.168.0.119:8443/?Instruct=factory
	https://192.168.0.119:8443/?Instruct=shutdown
	https://192.168.0.119:8443/?Instruct=setPlayerCmd:devicename:devicename
USB control	https://192.168.0.119:8443/?Instruct=playFromUsbDisk
	https://192.168.0.119:8443/?Instruct=getUsbSongList
	https://192.168.0.119:8443/?Instruct=selectUsbTracks:usbSongNum
Switch playback source	https://192.168.0.119:8443/?Instruct=setPlayerCmd:switchmode:switchmode
	https://192.168.0.119:8443/?Instruct=setDiscoveryBluetooth:dismode
Bluetooth control	https://192.168.0.119:8443/?Instruct=resetBluetoothPairing
	https://192.168.0.119:8443/?Instruct=clearBluetoothPairingList
	https://192.168.0.119:8443/?Instruct=getBluetoothName
	https://192.168.0.119:8443/?Instruct=modifyBluetoothName:bleName
Get current song information	https://192.168.0.119:8443/?Instruct=getMetaInfo
Multiroom control	https://192.168.0.119:8443/?Instruct=multiroom:setHost
	https://192.168.0.119:8443/?Instruct=multiroom:setSlave:host_ip
	https://192.168.0.119:8443/?Instruct=multiroom:disconnectSlave
	https://192.168.0.119:8443/?Instruct=multiroom:breakUp
	https://192.168.0.119:8443/?Instruct=multiroom:getInformation
Prompt sound operation	https://192.168.0.119:8443/?Instruct=downloadPromptSound:audioFileName
	https://192.168.0.119:8443/?Instruct=playPromptSound:audioName:volume
	https://192.168.0.119:8443/?Instruct=viewServerPromptSound
	https://192.168.0.119:8443/?Instruct=viewDevicePromptSound
	https://192.168.0.119:8443/?Instruct=deleteSpecifiedAudio:audioPath
Static IP control	https://192.168.0.119:8443/?Instruct=setNetIPSwitchState:switch
	https://192.168.0.119:8443/?Instruct=setStaticIP:staticIPInfo
EQ control	https://192.168.0.119:8443/?Instruct=getEqType
	https://192.168.0.119:8443/?Instruct=eqEnable:eqSwitch
	https://192.168.0.119:8443/?Instruct=setEqHighAndLowFrequencies:info
	https://192.168.0.119:8443/?Instruct=setPresetEq:presetInfo

	https://192.168.0.119:8443/?Instruct=setParameterEq:parametInfo
	https://192.168.0.119:8443/?Instruct=getEqInfo:eqType
	https://192.168.0.119:8443/?Instruct=addCustomEqInfo:addEqInfo
	https://192.168.0.119:8443/?Instruct=delCustomEqInfo:delEqInfo

3. API introduction

3.1 Get device information

Request instruction: <https://192.168.0.119:8443/?Instruct=getStatusEx>

Params:getStatusEx

Return string:

Return string	Description
JSON response	Response successful
Error	API command error

JSON response:

```
{
  "DevName": "WiFi EE5A",
  "UserDevName": "WiFi EE5A",
  "BleName": "WiFi EE5A",
  "Eth0Mac": "fe:bb:a6:49:ee:5a",
  "Wlan0Mac": "9c:b8:b4:11:ee:5a",
  "VERSION": "1.11.0003.26",
  "DevVolumeL": "57",
  "DevVolumeR": "57",
  "VolumeState": "unmute",
  "DevVolumeMax": "60",
  "TCPIP": "192.168.0.106",
  "NetworkMode": "wlan0",
  "DevFunction": [
    "Network",
    "Bluetooth",
    "USB Disk",
    "Optical In",
    "HDMI ARC",
    "RCA In",
    "RCA2 In"
  ]
}
```

```
},  
"USBModel": "0",  
"DevModel": "Network",  
"StreamMediaName": "null",  
"PushMode": "null",  
"Shuffle": "no", "Repeat":  
"Loopno", "A33M_OTA":  
"no", "MCU_OTA": "no",  
"SongPlay": "null", "Token":  
"null", "SongList": "null",  
"Path": "null", "TuneinId":  
"null", "PlayState": "pause",  
"StreamSource": "pipe",  
"MultiroomStatus": "free",  
"Host": "0" }
```

3.2 Network

3.2.1 Get the connection status

Request instruction: <https://192.168.0.119:8443/?Instruct=wlanGetConnectState>

Params: wlanGetConnectState

The return value for correctly responding to a request is in text form.

Return string:

Return string	Description
OK	Connected
FAIL	Connect fail
PROCESS	In progress

3.2.2 Get the scanned ap

Request instruction: <https://192.168.0.119:8443/?Instruct=getScanAPs>

Params: getScanAPs

The response returns the scanned APs.(The AP may not be displayed the first time, please refresh the command multiple times)

3.2.3 Connect ap

Request instruction:

<https://192.168.0.119:8443/?Instruct=connectToAP:wifiName:xxx:wifiPassword:xxx>

Params:connectToAP:AP

Description:xxx

wifiName	Enter the APs name after wifiname
wifiPassword	Enter the APs password after wifiname

If the wifiName or wifiPassword has the # character, please use %23 instead.

3.3 Playback control

3.3.1 Get the playback status

Request instruction:<https://192.168.0.119:8443/?Instruct=getPlayerStatus>

Params:getPlayerStatus

Return string:

Return string	Description
JSON response	Response successful
Error	API command error

JSON response:

```
{
  "Device": "standalone",
  "PlaySource": "Network",
  "LoopMode": "3",
  "PlayStatus": "play",
  "Track": "total",
  "Volume": "57",
  "Mute": "unmute"
}
```

Description:

Field	Description
-------	-------------

Device	standalone:standalone device; master: master device; slave: slave device
PlaySource	
LoopMode	1: Single loop 2: List loop 3: List not looping 4: Random list loop 5: Random list not looping
PlayStatus	"play" "pause" "stop"
Track	"total" "left" "right"
Volume	Current volume
Mute	Current mute state

3.3.2 Play audio URL

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:play:url>

Params: setPlayerCmd:play:url

Play the URL. URL points to an audio stream address.

Return string:

Return string	Description
OK	Response successful
FAIL	The URL is invalid
Error	API command error

3.3.3 Play audio playlist

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:playlist:songid>

Params: setPlayerCmd:playlist:songid

Play songid from the playlist.

Return string:

Return string	Description
OK	Response successful
Format	Song id format error
Not found	The song id cannot be found
Not	This playback source does not have this feature, please switch to tidal or qobuz
Error	API command error

3.3.4 Pause

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:pause>

Params: setPlayerCmd:pause

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to set playback status
Consistent	The current playback status is consistent with the settings
Not	This playback source does not have this feature
Error	API command error

3.3.5 Resume

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:resume>

Params: setPlayerCmd:resume

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to set playback status
Consistent	The current playback status is consistent with the settings
Not	This playback source does not have this feature
Error	API command error

3.3.6 Togglepause/play

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:onepause>

Params: setPlayerCmd:onepause

If the state is paused, resume it; otherwise, pause it.

Return string:

Return string	Description
OK	Response successful
Buffer	The song is currently buffering
Close	The player is in a closed state
Error	API command error

3.3.7 Previous

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:prev>

Params: setPlayerCmd:prev

Return string:

Return string	Description
OK	Response successful
FAIL	Last instruction not completed, ignore this operation
Not	This playback source does not have this feature, qobuz、tidal、usbmusic、local、Bluetooth、airplay、share support
Error	API command error

3.3.8 Next

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:next>

Params: setPlayerCmd:next

Return string:

Return string	Description
OK	Response successful

Not	This playback source does not have this feature, qobuz、tidal、usbmusic、local、Bluetooth、airplay、share support
Error	API command error

3.3.9 Seconds

Request

instruction:<https://192.168.0.119:8443/?Instruct=setPlayerCmd:getplay:seconds>

Params: setPlayerCmd:getplay:seconds

Get the current song playback seconds.

Return string:

Return string	Description
JSON response	Response successful
Not	This playback source does not have this feature, qobuz、tidal、usbmusic、local、Bluetooth、share support
Error	API command error

JSON response:

```
{  
  "status": " setPlayerCmd:setplay:0s"  
}
```

Request

instruction:<https://192.168.0.119:8443/?Instruct=setPlayerCmd:setplay:seconds>

Params: setPlayerCmd:setplay:seconds

Set the number of seconds the song plays.If seconds is greater than the total duration of the song, it may end playing the current song and automatically play the next song.

Return string:

Return string	Description
OK	Response successful
Format	Song second format error
FAIL	Busy status, please try again

Not	This playback source does not have this feature, qobuz、tidal、usbmusic、local、Bluetooth、share support
Error	API command error

3.3.10 Stop

Request instruction:<https://192.168.0.119:8443/?Instruct=setPlayerCmd:stop>

Params: setPlayerCmd:stop

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.3.11 Set volume

Request instruction:<https://192.168.0.119:8443/?Instruct=setPlayerCmd:vol:value>

Params: setPlayerCmd:vol:value

Value can be 0 to 100(or set the maximum volume value).

Return string:

Return string	Description
OK	Response successful
Exceed	The volume has exceeded the specified range
Format	Volume format error
Error	API command error

3.3.12 Set up stereo/left and right channels

Request instruction:<https://192.168.0.119:8443/?Instruct=setChannel:channel>

Params: setChannel:channel

Channel:

rl	Set up stereo sound
rr	Set right channel

II	Set left channel
----	------------------

Return string:

Return string	Description
OK	Response successful
FAIL	Channel setting failed
Not	There is no such channel mode available
Error	API command error

3.3.13 Raise or lower the volume

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:RemoteVol++>

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:RemoteVol-->

Params: setPlayerCmd:RemoteVol++

setPlayerCmd:RemoteVol--

Return string:

Return string	Description
OK	Response successful
Exceed	The volume has exceeded the specified range
Error	API command error

3.3.14 Mute

Request instruction: <https://192.168.0.119:8443/?Instruct=setPlayerCmd:mute:mute>

Params: setPlayerCmd:mute:mute

Mute: mute=1

Unmute: mute=0

The slave mute state will be set at the same time when it's in group play.

Return string	Description
JSON response	Response successful
Format	Mute format error

Error	API command error
-------	-------------------

JSON response.

```
{
  "status": "setPlayerCmd:mute:1"
}
```

3.3.15 Set maximum volume value

Request instruction:

<https://192.168.0.119:8443/?Instruct=setPlayerCmd:maximumVolume:maximumVolume>

Params: setPlayerCmd:maximumVolume:maximumVolume

MaximVolume (10~100) is the maximum volume value that needs to be set.

Return string:

Return string	Description
OK	Response successful
Exceed	The maximumvolume has exceeded the specified range
Format	Maximum volume format error
Not	This feature is not supported
Error	API command error

3.3.16 Set prompt sound status

Request instruction:

https://192.168.0.119:8443/?Instruct=setPlayerCmd:prompttone:prompt_tone

Params: setPlayerCmd:prompttone:prompt_tone

prompt_tone: Enable ; Enable device prompt sound

prompt_tone: Disable ; Prohibit device prompt sound

Return string:

	Description
Return string	
OK	Response successful
Format	The format of the prompt sound status is incorrect
Error	API command error

3.3.17 Loop mode set

Request instruction:

<https://192.168.0.119:8443/?Instruct=setPlayerCmd:loopmode:loopmode>

Params: setPlayerCmd:loopmode:loopmode

Loopmode:

1	Single loop
2	List loop
3	List not looping
4	Random list loop
5	Random list not looping

Return string:

Return string	Description
OK	Response successful
FAIL	There is no such loopmode

Error	API command error
-------	-------------------

3.4 Device control

3.4.1 Reboot device

Request instruction:

<https://192.168.0.119:8443/?Instruct=reboot>

Params: reboot

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.4.2 Restore factory settings

Request instruction:<https://192.168.0.119:8443/?Instruct=factory>

Params: factory

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.4.3 Close device

Request instruction:<https://192.168.0.119:8443/?Instruct=shutdown>

Params: shutdown

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.4.4 Change device name

Request instruction:

<https://192.168.0.119:8443/?Instruct=setPlayerCmd:devicename:devicename>

Params: setPlayerCmd:devicename:devicename

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.5 USB control

3.5.1 Play from USB disk

Request instruction: <https://192.168.0.119:8443/?Instruct=playFromUsbDisk>

Params: playFromUsbDisk

Return string:

Return string	Description
OK	Response successful
Not	No USB drive detected
Error	API command error

3.5.2 Get USB play list and tracks

Request instruction: <https://192.168.0.119:8443/?Instruct=getUsbSongList>

Params: getUsbSongList

Return string:

Return string	Description
JSON response	Response successful
Not	No USB drive detected
Error	API command error

JSON response:

```
{
  "1": "/udisk/Music_3 /192000_24Bit/Dirty Harry_192_24.flac",
  "2": "/udisk/Music_3 /44100_16Bit/JW_44.1_16.flac",
  "3": "/udisk/Music_3 /44100_16Bit/One I Love_44.1_16.flac",
```

```
"4": "/udisk/Music_3 /44100_16Bit/Smile - 44.1_16.flac",  
"5": "/udisk/Music_3 /44100_16Bit/The Police - The Police_44.1_16.flac",  
"6": "/udisk/Music_3 /44100_16Bit/U2_44.1_16.flac",  
}
```

3.5.3 Selective USB track playback

Request

instruction: <https://192.168.0.119:8443/?Instruct=selectUsbTracks:usbSongNum>

Params: selectUsbTracks:usbSongNum

UsbSongNum is the song number in the USB drive.

Return string:

Return string	Description
OK	Response successful
Format	USB song id format error
Not found	The usb song id cannot be found
Not	No USB drive detected
Error	API command error

3.6 Switch playback source

Request instruction:

<https://192.168.0.119:8443/?Instruct=setPlayerCmd:switchmode>: switchmode

Params: setPlayerCmd:switchmode: switchmode

the switchmode can be the text as below:

Network
Bluetooth
LineIn
USBDisk
OpticalIn
HDMIARC
RCAIn
RCA2 In
PHONO In

Return string:

Return string	Description
OK	Response successful
FAIL	Same mode or no available playback source
Not	No USB drive detected
Error	API command error

3.7 Bluetooth control

3.7.1 Set Bluetooth visualization mode

Request instruction:

<https://192.168.0.119:8443/?Instruct=setDiscoveryBluetooth:dismode>

Params: setDiscoveryBluetooth:dismode

dismode: Open ; Enable Bluetooth visualization

dismode: Close ; Turn off Bluetooth visualization

Return string:

Return string	Description
OK	Response successful
Format	Bluetooth visualization mode format error
Error	API command error

3.7.2 Reset Bluetooth pairing

Request instruction: <https://192.168.0.119:8443/?Instruct=resetBluetoothPairing>

Params: resetBluetoothPairing

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.7.3 ClearBluetooth pairing list

Request instruction: <https://192.168.0.119:8443/?Instruct=clearBluetoothPairingList>

Params: clearBluetoothPairingList

This API will first reset Bluetooth pairing and then clear the Bluetooth pairing list.

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.7.4 Get Bluetooth name

Request instruction: <https://192.168.0.119:8443/?Instruct=getBluetoothName>

Params: getBluetoothName

Return string:

Return string	Description
JSON response	Response successful
Error	API command error

JSON response:

```
{
  "status": "getBluetoothName: WiFi Audio E8CC"
}
```

3.7.5 Change Bluetooth name

Request instruction:

<https://192.168.0.119:8443/?Instruct=modifyBluetoothName:bleName>

Params: modifyBluetoothName:bleName

BleName is the Bluetooth name that needs to be modified to.

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.8 Get current song information

Request instruction: <https://192.168.0.119:8443/?Instruct=getMetalInfo>

Params: getMetalInfo

Return string:

Return string	Description
JSON response	Response successful
Error	API command error

JSON response:

```
{
  "Title": "DENIAL IS A RIVER",
  "Artist": "Doechii",
  "Album": "Alligator Bites Never Heal",
  "Picture":
    "https://resources.tidal.com/images/0b365b5c/46b9/4147/9cc7/c07ed1cc589d/320x320.jpg",
  "Schedule": "39s",
  "Totlen": "160s",
  "PlaySource": "tidal"
}
```

Description:

Field	Description
Title	Song name
Artist	Song artist name
Album	Song album title
Picture	Song image link
Schedule	The current playback progress of the song
Totlen	Total duration of the song
PlaySource	Song playback source

3.9 Multiroomcontrol

3.9.1 Set up the host

Request instruction: <https://192.168.0.119:8443/?Instruct=multiroom:setHost>

Params: multiroom:setHost

Prior to adding any slave device, it is essential to utilize this API to configure and designate the master device.

Return string:

Return string	Description
OK	Response successful
FAIL	Host setup failed
Error	API command error

3.9.2 Set as a slave

Request instruction: https://192.168.0.119:8443/?Instruct=multiroom:setSlave:host_ip

Params: multiroom:setSlave:host_ip

This API can only be sent to the corresponding slave device.

Return string:

Return string	Description
OK	Response successful
FAIL	There is no slave with this IP address
Now_is_host	Currently the host

3.9.3 Release slave

Request instruction: <https://192.168.0.119:8443/?Instruct=multiroom:disconnectSlave>

Params: multiroom:disconnectSlave

This API can only be sent to the corresponding slave device.

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.9.4 Leave multiroom

Request instruction: <https://192.168.0.119:8443/?Instruct=multiroom:breakUp>

Params: multiroom:breakUp

This API can only be sent to the corresponding master device.

Return string:

Return string	Description
OK	Response successful
Error	API command error

3.9.5 Getcurrentmultiroom information

Request instruction: <https://192.168.0.119:8443/?Instruct=multiroom:getInformation>

Params: multiroom:getInformation

Return string:

Return string	Description
JSON response	Response successful
Not_in_multiroom	Not in multiroom state
Error API command	error

JSON response:

```
{
  "HostIp": "192.168.0.107",
  "MyIp": "192.168.0.107",
  "SlaveSum": "3",
  "UserDevName": "WIFI Audio 7BE2",
  "DevVolume": "69",
  "VolumeState": "unmute",
  "Version": "1.11.0004.31"
  "groups": [
    {
      "group_count": 0,
      "connected_count": 0
    }
  ]
}
```

Description:

Field	Description
HostIp	If the host IP is the same as the current IP, then the host is the current device
MyIp	Current device IP
SlaveSum	Number of slaves, This field is only available in the case of a host

UserDevName	Device name
DevVolume	Device volume
VolumeState	Volume state
Version	Multiroom equipment version number
Groups	Multiroom all device information

3.10 Prompt sound operation

3.10.1 Download prompt sound

Request

instruction: <https://192.168.0.119:8443/?Instruct=downloadPromptSound:audioFileName>

Params: downloadPromptSound:audioFileName

audioFileName: TestPromptSound01.wav;

audioFileName: <https://packages.digivalet.com/audio/doorbell.wav>;

The format of audioFileName can be downloaded from the cloudecho server as a specified xxx. wav prompt sound file, or it can be <https://xxx.wav> Prompt sound file.

Return string:

Return string	Description
OK	Response successful
Format	The download prompt sound format is incorrect
Exceed	The number of prompt sound files exceeds 20
Exist	The prompt sound file already exists
FAIL	Download prompt sound failed
Error	API command error

3.10.2 Play prompt sound

Request

instruction: <https://192.168.0.119:8443/?Instruct=playPromptSound:audioName:volume>

Params: playPromptSound:audioName:volume

audioName: TestPromptSound01.wav; Play the specified xxx prompt sound file.

Volume is the volume size of the prompt sound, with a setting range of 10~100. If there is no “:volume” field, the default prompt sound size is 50.

Return string:

Return string	Description
OK	Response successful
Format	The prompt sound file name or volume format is incorrect
Exceed	Prompt sound volume value is out of range
Not	The prompt sound file does not exist
Error	API command error

3.10.3 View server prompt sound

Request instruction: <https://192.168.0.119:8443/?Instruct=viewServerPromptSound>

Params: viewServerPromptSound

Return string:

Return string	Description
text response	Response successful
FAIL	Server response failed, please check if the network signal is normal
Error	API command error

text response:

```
{  
  TestPromptSound01.wav  
}
```

3.10.4 View device prompt sound

Request instruction: <https://192.168.0.119:8443/?Instruct=viewDevicePromptSound>

Params: viewDevicePromptSound

Return string:

Return string	Description
text response	Response successful
Not	No prompt sound file exists
Error	API command error

text response:

TestPromptSound01.wav/

3.10.5 Delete specified audio

Request

instruction: <https://192.168.0.119:8443/?Instruct=deleteSpecifiedAudio:audioPath>

Params:deleteSpecifiedAudio:audioPath

audioPath: TestPromptSound01.wav; Delete the specified xxx prompt sound file .

Return string:

Return string	Description
OK	Response successful
Format	Prompt sound format is incorrect
FAIL	Failed to delete the prompt sound file
Not	The prompt sound file does not exist
Error	API command error

3.11 Static IP control

3.11.1 Set static IP switch status

Request instruction: <https://192.168.0.119:8443/?Instruct=setNetIPSwitchState:switch>

Params:setNetIPSwitchState:switch

Attention: Please configure static IP information before enable static IP.

Switch:

Enable	Enable eth0 and wlan0 static IP
E_Enable	Enable eth0 static IP
W_Enable	Enable wlan0 static IP
Disable	Disable static IP

Return string:

Return string	Description
OK	Response successful

Format	Switch format is incorrect
FAIL	Static IP information has not been configured before. Please configure it before opening it
Error	API command error

3.11.2 Set static IP info

Request instruction: <https://192.168.0.119:8443/?Instruct=setStaticIP:staticIPInfo>

Params: setStaticIP:staticIPInfo

staticIPInfo:

```
{
  "WStaticIp": "xxx",
  "WStaticNetmask": "xxx",
  "WStaticGateway": "xxx",
  "WStaticDns": "xxx",
  "EStaticIp": "xxx",
  "EStaticNetmask": "xxx",
  "EStaticGateway": "xxx",
  "EStaticDns": "xxx"
}
```

Description:

Field	WStaticIp	Description	Example
WStaticNetmask		Wlan ip	192.168.0.192
WStaticGateway		Wlan subnet mask	255.255.255.0
WStaticDns		Wlan gateway	192.168.0.1
EStaticIp		Wlan dns	114.114.114.114
EStaticNetmask		Ethernet ip	192.168.0.191
EStaticGateway		Ethernet subnet mask	255.255.255.0
EStaticDns		Ethernet gateway	192.168.0.1
		Ethernet dns	114.114.114.114

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to configure static IP information
Error	API command error

3.12 EQ control

3.12.1 Get EQ type

Request instruction: <https://192.168.0.119:8443/?Instruct=getEqType>

Params:getEqType

Return string:

Return string	Description
text response	Response successful
Error	API command error

3.12.2 Enable EQ

Request instruction: <https://192.168.0.119:8443/?Instruct=eqEnable:eqSwitch>

Params:eqEnable:eqSwitch

EqSwitch:

0000	Close EQ
0001	Turn on high and low frequency EQ
0010	Enable preset EQ
0011	Turn on high and low frequencies and preset EQ
0100	Enable parameter EQ
0101	Enable parameters and EQ for high and low frequencies

Return string:

Return string	Description
OK	Response successful
Format	Eq switch format is incorrect
Not	There is no such Eq mode
Error	API command error

3.12.3 Set high and low frequency EQ

Request

instruction: <https://192.168.0.119:8443/?Instruct=setEqHighAndLowFrequencies:info>

Params:setEqHighAndLowFrequencies:info

Info: {"Bass": "x", "Treble": "x"}

Description:

Field	Description	Example
Bass	Bass set,Its setting range is -5~5	0 0
Treble	Treble set,Its setting range is -5~5	

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to parse info
Bass error	Bass format is incorrect or exceeds the range
Treble error	Treble format is incorrect or exceeds the range
Error	API command error

3.12.4 Set preset EQ

Request instruction: <https://192.168.0.119:8443/?Instruct=setPresetEq:presetInfo>

Params: setPresetEq:presetInfo

PresetInfo: {"Custom":"x","Name":"xxx","EqBand":["x","x","x","x","x","x","x","x","x","x"]}

Description:

Field	Description	Example
Custom	Indicates whether it is user-defined EQ information, 1 is 0 is not	0
Name	Preset EQ name	eqName
EqBand	Set range: -12~12	["-12","-9","-6","-3","0","0","3","6","9","12"]

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to parse preset Info
EQ disable	The preset EQ has not been enabled
Custom error	Custom format is incorrect
Name error	Name format is incorrect

EqBand error	EqBand format is incorrect or exceeds the range
Error	API command error

3.12.5 Set parameter EQ

Request instruction: <https://192.168.0.119:8443/?Instruct=setParameterEq:parametInfo>

Params: setParameterEq:parametInfo

ParametInfo:

```
{ "Custom": "x", "Name": "xxx", "EqBand": [{"Index": "0", "Filter": "PK", "Freq": "100", "Q": "10", "Gain": "2"}, ..., {"Index": "9", "Filter": "PK", "Freq": "100", "Q": "10", "Gain": "2"} ] }
```

Description:

Field	Description	Example
Custom	Indicates whether it is user-defined EQ information, 1 is 0 is not	0
Name	Parameter EQ name	eqName
Index	Up to 10 EQ information points can be set, and the number of points can be adjusted according to the requirements. Set range: 0~9	0
Filter	PK/LS/HS/LP/HP/OFF	PK
Freq	Set range: 20.0~24000.0	20.0
Q	Set range: 0.0~30.0	10.0
Gain	Set range: -12.0~12.0	12.0

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to parse preset Info
EQ disable	The parameter EQ has not been enabled
Custom error	Custom format is incorrect
Name error	Name format is incorrect
EqBand error	EqBand format is incorrect or exceeds the range

Index error	Index format is incorrect
Filter error	Filter format is incorrect
Freq error	Freq format is incorrect or exceeds the range
Q error	Q format is incorrect or exceeds the range
Gain error	Gain format is incorrect or exceeds the range
Error	API command error

3.12.6 Get EQ info

Request instruction: <https://192.168.0.119:8443/?Instruct=getEqInfo:eqType>

Params:getEqInfo:eqType

EqType:

1	Obtain high and low frequency EQ information
2	Get preset EQ information
3	Obtain parameter EQ information
22	Get custom preset EQ list or nginx
33	Get custom parameter EQ list or nginx

Return string:

Return string	Description
JSON response	Response successful
Not	There is no instruction for obtaining EQ information like this
Error	API command error

3.12.7 Add custom EQ information

Request instruction:<https://192.168.0.119:8443/?Instruct=addCustomEqInfo:addEqInfo>

Params:addCustomEqInfo:addEqInfo

Users can add custom preset EQ and parameter EQ.

addEqInfo: Add custom preset EQ example:

```
{"Type":"2","Name":"xxx","EqBand":["x","x","x","x","x","x","x","x","x","x"]}
```

Add custom parameter EQ example:

```
{
  "Type": "3",
  "Name": "xxx",
  "EqBand": [
    {
      "Index": "0",
      "Filter": "PK",
      "Freq": "100",
      "Q": "10",
      "Gain": "2"
    },
    ...
    {
      "Index": "9",
      "Filter": "PK",
      "Freq": "100",
      "Q": "10",
      "Gain": "2"
    }
  ]
}
```

(**Pour:** Specific parameter specifications refer to 3.13.4 and 3.13.5)

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to parse preset Info
Type error	Type format is incorrect
Name error	Name format is incorrect
Error	API command error

3.12.8 Delete custom EQ information

Request instruction: <https://192.168.0.119:8443/?Instruct=delCustomEqInfo:delEqInfo>

Params: delCustomEqInfo:delEqInfo

delEqInfo: {"Type": "x", "Name": "xxx"}

Description:

Field	Description	Example
Type	2 represents deleting preset EQ, 3 represents deleting parameter EQ	2
Name	Need to delete the name of EQ information	eqName

Return string:

Return string	Description
OK	Response successful
FAIL	Failed to parse info
Type error	Type format is incorrect
Name error	Name format is incorrect
No name exists	There is no EQ information name available
Error	API command error