

OVERVIEW

You can use your own program to make a packet request via HTTP protocol using the code provided below. Enter text in this format exactly as shown (or copy and paste it). Text shown like this indicates that the exact text varies based on your specific setup or desired command.

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LOGIN

```
{"type": "login", "username": "episode", "password": "123"}
```

MASTER VOLUME

Request	Response
<pre>{ "type": "set_mastervolume", "value ": [{ "index ": id, //0-6 "masterVolume": "xxx", "mute": "0 or 1" }] }</pre>	<pre>{ "type": "set_mastervolume", "status": xxx }</pre>

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
index	number	input index began at 0	required
masterVolume	string		optional
mute	string		optional

INPUT SETTINGS

Request	Response
<pre>{ "type": "set_inputsetting", "value ": [{ "index ": id, "inputEnable": "xxx", "inputName": "xxx", "soundMode": "xxx", "maxVolume": "0 or 1", "inputGain": "xx" }] }</pre>	<pre>{ "type": "set_inputsetting", "status": xxx } // inputEnable: "0 or 1" // soundMode: 0: "2ch Stereo", 1: "5ch Stereo", 2: "Dolby PLII Music ", 3: "Dolby PLII Movie", 4: "DTS NEO:6 Cinema", 5: "DTS NEO:6 Music"</pre>

index	Input Name
0	HDMI1
1	HDMI2
2	HDMI3
3	Aux
4	Optical
5	Bluetooth
6	ARC

soundMode	
0	2ch Stereo
1	5ch Stereo
2	Dolby PLII Music
3	Dolby PLII Movie
4	DTS NEO:6 Cinema
5	DTS NEO:6 Music

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
index	number	input index began at 0	required
inputEnable	string	0 or 1 //0:off 1:on	optional
inputName	string		optional
soundMode	string	Refer Table-1	optional
maxVolume	string		optional
inputGain	string		optional

SPEAKER SETUP

Request	Response
<pre>{ "type": "set_outputsetting", "value ": [{ "index ": id , "speakerSize": "xxx", "crossOver": "xxx", "slop": "xxx", "speakerLevel": "0 or 1", "feet": "xx", "metres": "x", "testSignal": "0 or 1" }] }</pre>	<pre>{ "type": "set_outputsetting", "status": xxx } //speakerLevel: "-10~10" Msec: [0,200] can be in float format FEET_CAL 1.133 METRES_CAL 0.34 feet = msec*FEET_CAL; metres = msec * METRES_CAL //feet: "xxx"</pre>

index	Output Name
0	Front Left
1	Center
2	Front Right
3	Surround Left
4	Subwoofer
5	Surround Right

speakerSize	
0	Large
1	Small
2	OFF
3	ON

Note:

Front Left, Front Right only optional Large and Small (speakerSize: 0 or 1)

Subwoofer only optional OFF and ON (speakerSize: 2 or 3)

Center, Surround Left, Surround Right only optional Large, Small and OFF (speakerSize: 0 or 1 or 2)

crossOver	
0	0
1	40
2	50
3	60
4	70
5	80
6	90
7	100
8	110
9	120
10	130
11	140
12	150
13	160
14	170
15	180
16	190
17	200

slop	
0	6
1	12
2	24

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
index	number	Output index 0~5	required
speakerSize	string		optional
crossOver	string		optional
slop	string		optional
speakerLevel	string	-10~10	optional
feet	string	can be in float format	optional
meters	string	can be in float format	optional
testSignal	string	0 or 1	optional

UNKNOWN JSON FORMAT

Request	Response
Unknow string	<pre>{ "type": "unknown", "status": 401 }</pre>

SYSTEM SETTING

SET_AMPNAME

Request	Response
<pre>{ "type": "set_ampname", "value ": "xxx" }</pre>	<pre>{ "type": "set_ampname", "status": 200 }</pre>

CEC SETTING

Request	Response
<pre>{ "type": "set_cecsetting", "value ": { "cecEnable": "0 or 1", "powerOnEnable": "xxx", "powerOffEnable": "xxx", "sourceEnable": "xxx", "volumeEnable": "0 or 1", } }</pre>	<pre>{ "type": "set_cecsetting", "status": 200 }</pre>

Field Information

Field Name	Format	Constraints	Condition
type	string		required
cecEnable	string		required
powerOnEnable	string		optional
powerOffEnable	string		optional
sourceEnable	string		optional
volumeEnable	string		optional

GENERAL SETTING

Request	Response
<pre>{ "type": "set_generalsetting", "value ": { " standbyEnable": "0 or 1", "hdmiAudioEnable": "xxx", } }}</pre>	<pre>{ "type": "set_generalsetting", "status": 200 }</pre>

Field Information

Field Name	Format	Constraints	Condition
type	string		required
standbyEnable	string		optional
hdmiAudioEnable	string		optional

IP SETTING

Request	Response
<pre>{ "type": "set_ip", "value ": { "dhcp": "0 or 1", "ipaddress": "xxx", "gateway": "xxx", "subnetmask": "xxx", "dnsserver": "xxx", } }</pre>	<pre>{ "type": "set_ip", "status": 200 }</pre>

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
dhcp	string		required
ipaddress	string		required
gateway	string		required
subnetmask	string		required
dnsserver	string		required

POWER SETTING

Request	Response
<pre>{ "type": " set_powerstatus", "value ": "0 or 1", }</pre>	<pre>{ "type": " set_powerstatus", "status": 200 }</pre>

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
value	string	0:off 1:on	required

TESTMODE SETTING

Request	Response
<pre>{ "type": " set_dsptestmode", "value ": "0 or 1", }</pre>	<pre>{ "type": " set_dsptestmode", "status": 200 }</pre>

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
value	string	0:off 1:on	required

GET COMMANDS

MASTER VOLUME

Request	Response
<pre>{ "type": "get_mastervolume", "value ": [0,1] }</pre>	<pre>{ "type": "get_mastervolume", "status": 200 "value ": [{ "index ": id , //0-6 "masterVolume": "xxx", "mute": "0 or 1" }] }</pre>

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
value	array	number array	optional

INPUT SETTING

Request	Response
<pre>{ "type": "get_inputsetting ", "value ": [0,1] }</pre>	<pre>{ "type": "get_inputsetting", "status": 200 "value ": [{ "index ": id , "inputEnable": "xxx", "inputName": "xxx", "soundMode": "xxx", "maxVolume": "0 or 1", "inputGain": "xx" }] }</pre>

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
value	array	number array	optional

OUTPUT SETTING

Request	Response
<pre>{ "type": "get_outputsetting ", "value ": [0,1] }</pre>	<pre>{ "type": "get_outputsetting", "status": 200 "value ": [{ "index ": id , "speakerSize": "xxx", "crossOver": "xxx", "slop": "xxx", "speakerLevel": "xxx", "feet": "xx", "meters": "xxx", "testSignal": "xx" }] }</pre>

Field Information			
Field Name	Format	Constraints	Condition
type	string		required
value	array	number array	optional

CEC SETTING

Request	Response
<pre>{ "type": "get_cecsetting ", }</pre>	<pre>{ "type": "get_cecsetting ", "status": 200 "value": { " cecEnable": "xxx" "powerOnEnable": "xxx", "powerOffEnable": "xxx", "sourceEnable": "xxx", "volumeEnable": "xxx" } }</pre>

GENERAL SETTING

Request	Response
<pre>{ "type": "get_generalsetting ", }</pre>	<pre>{ "type": "get_generalsetting ", "status": 200 "value": { " standbyEnable": "xxx" "hdmiAudioEnable": "xxx", } }</pre>

IP INFORMATION

Request	Response
<pre>{ "type":"get_ip", }</pre>	<pre>{ "type":"get_ip ", "status":200 "value":{ "dhcp": "0 or 1", "ipaddress":"xxx", "gateway":"xxx", "subnetmask":"xxx", "dnsserver":"xxx", } }</pre>

POWER STATUS

Request	Response
<pre>{ "type":" get_powerstatus", }</pre>	<pre>{ "type":" get_powerstatus", "value":"0 or 1", "status":200 }</pre>

TESTMODE

Request	Response
<pre>{ "type":" get_dsptestmode", }</pre>	<pre>{ "type":" get_dsptestmode", "value":"0 or 1", "status":200 }</pre>

NEED HELP? CONTACT TECH SUPPORT

For other information, instructional videos, support documentation, or ideas, visit our website and view your item's product page.

Phone: 866.838.5052

Email: support@episodeaudio.com

WARRANTY

2 YEAR LIMITED WARRANTY

Find details of this product's 2 Limited Warranty at snapav.com/warranty, or request a paper copy from Customer Service at (866) 424-4489. Find other legal resources, such as regulatory notices and patent information, at snapav.com/legal.



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