

Games Care RGB Switch API

With factory settings, the switch is set to Access Point with Captive Portal, IP Address 192.168.4.1, and Host Name gcswitch.

For the sake of simplicity all API calls will be referred as gcswitch as the host address.

Port Selector

To switch port:

GET <http://gcswitch/ports?force=1>

Parameters:

force=[port number] - Use 0 to switch back to automatic mode.

Ports Editor

To edit a port:

GET <http://gcswitch/ports?port=1&title=Mega+Drive&autodetect=true&resetplaytime=false>

Parameters (Form data):

port=[port number] - The number of the port being edited.

title=[port name] - The port name displayed on the screen. 16 characters limit.

autodetect=[true|false] - Decide whether to include the port in the auto detector.

resetplaytime=[true|false] - If true, will reset the playback timer to 0.

Settings:

To retrieve current settings:

GET <http://gcswitch/settings?networks=1>

Parameters:

networks=1 - If provided, will return a list of available WiFi networks in range.

Response:

```
{
  "mode": 1,           // WiFi mode: 1=AP + Captive Portal; 2=Access Point; 3=Client
  "language": 1,      // Language: 0=Portuguese; 1=English
  "boards": 1,        // Total number of boards in the system (leave 1 if stand-alone)
  "backlight": 255,   // Intensity of the backlight: 0 = Dark; 255 = Full Brightness
  "address": "192.168.4.1", // Address: IP Address of the switch
  "hostname": "gcswitch", // Host name
  "wifi": "",         // A list of tab separated names of the available WiFi networks
  "ssid": ""          // The configured ssid when the switch is set to Client mode
}
```

To Save Settings

POST <http://gcswitch/settings>

Form data:

mode: [1|2|3] - WiFi mode: 1=AP + Captive Portal; 2=Access Point; 3=Client

ssid: [Network name] - A name of a network in range. Use the options returned in the "wifi" field of the get method with networks=1

pwd: [password] - The password for the selected network. Ommit this field if password is not being changed.

language: [0|1] - Language: 0=Portuguese; 1=English

boards: [number] - The total number of boards in the system. 1 if no expansion is connected.

backlight: [0|1] - Enables or disables the backlight. Use 0 to disable and 1 to enable.

hostname: [name] - Changs the hostname used to access the portal without typing the IP address.

Ommited fields will not be changed.

To reboot the switch:

GET <http://gcswitch/settings?reboot=1>