GSM Smart Dual Switch (GS2)

GSM Dual Socket Remote Power Switch (Model GS2)

Instruction Manual

Control lights, any electronic gadgets, devices, motors (up to ½ HP) or any 10A load from anywhere — using just a SIM card. No WiFi. No internet. No router required.

ProtoCircuitLab (India)

www.protocircuitlab.com |
protocircuitlab@gmail.com

What's in the Box

- SmartSwitch GS2 device (2-socket GSM controller)
- Power cable
- Android app APK (provided separately / via link)
- Instruction sheet (this manual)

Note: A Nano SIM card is required but not included. Use any active Indian 4G SIM (Airtel / BSNL / Jio) with SMS enabled.

Quick Setup

1. Insert the SIM card

Power OFF the device. Insert a Nano SIM (with SMS enabled, PIN lock disabled) into the SIM slot.

2. Connect the loads

Connect your appliance(s) to Socket 1 and/or Socket 2. Maximum 10A / 2300W per socket.

3. Power ON the device

a. On the initial setup:

Plug into 230V AC. Within 30–60 seconds you will see the LED blink rapidly, which means the network is connected.

b. Install the app:

Install the provided APK (no Play Store needed). Open the app and enter the remote GSM (GS2) device mobile number in Device Number under CONFIG section of the App & SAVE.

c. Register the device:

Click Re-register on the same screen, then click SEND REG. This step ensures your remote GSM device (GS2) saves your mobile number. You will receive a confirmation SMS and a log message in the app saying “Primary Mob. registered”.

This completes the initial setup. From subsequent resets of the remote device, you will be notified of the Power UP of the GS2 device via logs and messages, and can control the loads.

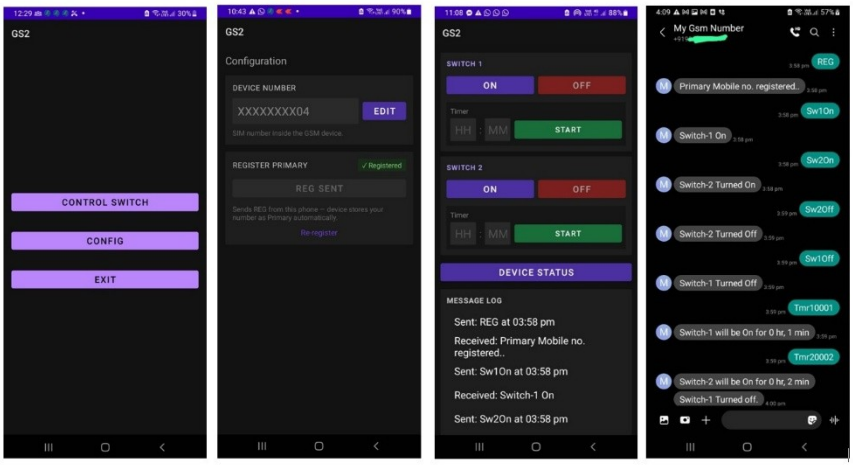
4. Control your device

Use the app buttons, or send SMS commands directly (see SMS Commands section). Every command triggers a confirmation SMS.

Android App Setup
To install the Android app, please follow these steps to temporarily allow the install:

1. Download the APK file from the Google Drive link below.
2. If Google Drive shows a warning before downloading, tap "Download anyway."
3. Go to: Play Store app → profile icon (top right) → Play Protect → Settings (gear icon) → turn OFF "Scan apps with Play Protect"
4. Install the APK.
5. Turn Play Protect back ON afterward (Important).

This is a routine step for apps installed outside the Play Store — it does not mean the app is unsafe.

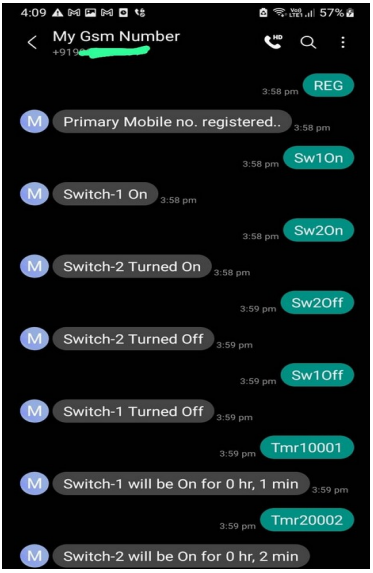


SMS Commands

If you are not using the Android app., Use the below SMS message to the device SIM number (GS2 Mobile number).

SMS Message	GS2 remote device Confirmation	Function
Sw1On / Sw1Off	Switch 1 ON / OFF	Switch 1 ON / OFF
Sw2On / Sw2Off	Switch 2 ON / OFF	Switch 2 ON / OFF
Tmr1HHMM	Switch 1 timer (e.g. Tmr10130 = 1hr 30min)	Switch 1 timer on for 01 hr 30min (e.g. Tmr10130 = 1hr 30min)
Tmr2HHMM	Switch 2 timer (e.g. Tmr20130 = 1hr 30min)	Switch 2 timer on for 01hr 30min (e.g. Tmr20130 = 1hr 30min)
STA	Device status check	Device status check

SMS Messages:



Always wait for the return SMS confirming after sending each command (or clicking). After confirmation, send the next command.

Features

- 2 independent switched sockets (10A / 2300W each)
- Instant ON/OFF via Android app or SMS (use SMS for iPhone)
- Timer — set run duration, device auto-switches OFF
- Works on 4G (Airtel / BSNL / Jio etc), with fallback to 2G in places where 4G is not available
- SMS confirmation for every action performed
- “Device Powered ON” SMS sent on every power restoration
- Event log — stores last 20 messages in the app

Specifications

Spec	Detail
Input	230V AC, 50Hz
Max Load	10A / 2300W per socket
Network	2G / 4G GSM
SIM Type	Nano SIM (buyer arranges)
Module	A7672S 4G GSM
Controller	STM32

Safety Precautions

- Do not exceed 10A / 2300W per socket. Overloading is not recommended.
- Install in a dry, ventilated location, away from direct water/Intense Sun exposure.
- Use only with a properly earthed 230V AC supply.
- Keep the device out of reach of children.

Troubleshooting

Issue	Possible Fix
No “Device Powered ON” SMS received	Check SIM has signal, SMS balance/plan active, and PIN lock is disabled. Could also be when the GS2 has not power available at

Issue	Possible Fix
	the remote place (indication that the remote power is down)
Commands not working	Confirm exact spelling/case of SMS command; check network signal (2G/4G).
App not connecting	Re-enter the correct device SIM number in app settings.
Socket not switching load	Check wiring at socket terminals; confirm load is within 10A / 2300W.

Need Help?

WhatsApp: 9632350240
Email: protocircuitlab@gmail.com
Website: www.protocircuitlab.com
GST: 29AKFPM6617G2ZX