

SHELLY MOBILE APPLICATION FOR *Shelly* PRO 4PM



do not see an active Wi-Fi network with SSID like **Shelly-Pro4PM-84CCA87E3EFC**, or you want to add the device to another Wi-Fi network, reset the device. If the device has been powered on, you have to restart it by powering it off and then again on. After that you have one minute to press 5 consecutive times the button/switch connected to the SW terminal. You should hear the relay trigger itself. After the trigger sound, Shelly Pro 4PM will return to AP mode. If not, please repeat or contact our customer support at: support@shelly.cloud.

Step 2

Please keep in mind that Shelly devices' inclusion is different on iOS and Android devices.

1. **iOS inclusion** - On your iOS device, open the Settings menu > WLAN and connect to the Wi-Fi network created by your Shelly device, i.e. **ShellyPro4PM-84CCA87E3EFC** (fig. 1). Open your Shelly app again and type in your home Wi-Fi credentials (fig. 2).

fig. 1



fig. 2



2. **Android inclusion** - From the hamburger menu on the main screen of your Shelly App choose "Add device". Then choose your home network and type in your password (fig. 3). After that, pick the Shelly device you want to include. The name of the device will be similar to: **Shelly-Pro4PM-84CCA87E3EFC** (fig. 4)

fig. 3

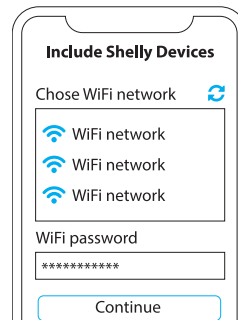
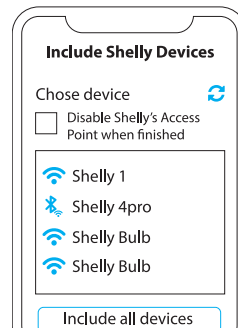


fig. 4



Step 3

Approximately 30 sec. after discovering any new devices on the local Wi-Fi network, a list will be displayed in the "Discovered Devices" room by default.



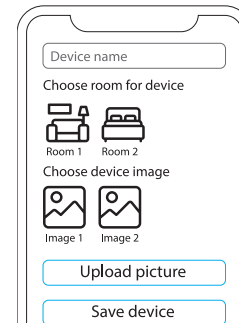
Step 4

Select "Discovered devices" and choose the device you want to include in your account.



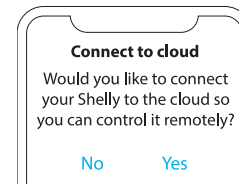
Step 5

Enter a name for the device (in the "Device Name" field). Choose a "Room" where the device will be positioned and controlled from. You can choose an icon or add a picture to make it easier to recognize. Press "Save device".



Step 6

To control Shelly devices only through the local network, press "No"



DEVICE SETTINGS

After your Shelly device is added in the application, you can control it, change its settings, and automate the way it works. To switch the device on and off, use the ON/OFF button. For device management, simply click on the device's name. From there you may control the device, as well as edit its appearance and settings.

GENERAL SETTINGS MENU

Upon clicking on the device's name, you will be able to view real-time power consumption data under "General Settings". By using the calendar on top, you can go back and view your consumption history for any given period.

ADVANCED SETTINGS MENU

Here, you can change the settings of your device.

Timer: Allows you to manage the power supply automatically. You may use:

- **Auto ON:** After turning off, the relay output will be automatically turned on after a predefined time (in seconds).
- **Auto OFF:** After turning on, the relay output will be automatically turned off after a predefined time (in seconds).

Schedule: This function requires working connection to the Internet. Shelly may turn on/off automatically at a predefined time and day throughout the week. Additionally, Shelly may turn on/off automatically at sunrise/sunset, or at a specified time before or after sunrise/sunset. You may add up to 20 weekly schedules.

Internet: Configure Wi-Fi, AP, Cloud, Bluetooth, MQTT settings.

• **Wi-Fi Mode Client:** Connect the relay to your Wi-Fi network. Here, you can also set a static IP address.

• **Wi-Fi Client Backup:** An option to connect to an alternative network in case the primary network fails or is too slow.

• **Wi-Fi Mode AP:** The mode in which the device creates its own Wi-Fi connection point with the respective name (SSID).

• **Ethernet:** Connect the Shelly device to a network using an ethernet cable. This requires a device reboot! Here, you can also set a static IP address.

• **Cloud:** Connection to the cloud allows you to control your device remotely and to receive notifications and updates.

• **Bluetooth:** Enable/disable

• **MQTT:** Configure the Shelly device to communicate over MQTT.

Safety

Configure Shelly Pro 4PM to turn off when the power consumption reaches a set level (range 1W-3500W).

Application Settings

• **Channel Name:** Set a name for the chosen channel

• **Appliance Type:** Choose from a given list what type of appliances your Shelly Pro 4PM will be used with. The available options are "Socket, Lights, Heating, Entertainment", however a custom one can be set as well.

• **PIN lock:** Restrict control of the Shelly device through the web interface by setting a PIN code. Click "Enable" and set the channel PIN lock, then click "Save".

• **Exclude from Event Log:** Do not show events from this device in the app.

• **Consumption calculation:** Tracks the total energy consumed by the device.

- Exclude from total room consumption: Option to exclude the device from the room's total power consumption.

- Exclude from total account consumption: Option to exclude the device from the account's total power consumption.

Webhooks

Use events to trigger http endpoints. You can add up to 20 webhooks.

Share

Share the control of your device with other users.

Settings

• **Button Type:** These settings define the way the attached switch or button controls the output state. The possible input modes are "button" and "switch", and the relay mode can be chosen depending on the preferred usage of the

device.

• **Invert Switch:** When the input is on, the output is off and when the input is off, the output is on.

• **Firmware version:** Shows your current firmware version. If a newer version is available, you can update your Shelly device by clicking Update.

• **Geo Location And Time Zone:** Set your time zone and geo-location manually, or enable/disable automatic detection.

• **Device Reboot:** Reboot your Shelly Pro 4PM.

• **Factory Reset:** Remove Shelly Pro 4PM from your account and return it to its factory settings.

• **Device Information:** Here you can view the ID, IP and other settings of your device. Upon clicking "Edit device", you can change the room, name or image of the device.

THE EMBEDDED WEB INTERFACE

Shelly can be set and controlled through a web browser.

ABBREVIATIONS USED

Shelly ID - the unique name of the device. It consists of 12 hexadecimal characters, the base MAC address of the device. It may include numbers and letters, for example **84CCA87E3EFC**.

SSID - the name of the Wi-Fi network, created by the device, for example **ShellyPro4PM-84CCA87E3EFC**.

Access Point (AP) - the mode in which the device creates its own Wi-Fi connection point with the respective name (SSID).

Wi-Fi - the mode in which the device is connected to another Wi-Fi network.

INITIAL INCLUSION

Step 1

Install Shelly following the connection diagrams described in the instructions included with the device, and place it into the junction box. After turning the power on, Shelly will create its own Wi-Fi network (AP).

⚠ **WARNING!** If you don't see the AP, please follow step 1 from the "Device Inclusion" section of this guide.

Step 2

Shelly Plus 1PM has created its own Wi-Fi network (AP), with name (SSID) such as **ShellyPro4PM-84CCA87E3EFC**. Connect to it with your phone, tablet, or PC.

Step 3

Type **192.168.33.1** into the address field of your browser to load the web interface of Shelly.

GENERAL- HOME PAGE

This is the home page of the embedded web interface. If it has been set up correctly, you will see information about the state of the four switches (ON/OFF) and common functionality menus. For individual functionality menus, choose one of the four channels.

DEVICE

Get information about your device's firmware version and location. Perform reboot and factory reset. Set your time zone and geo-location manually, or enable/disable automatic detection.

Authentication - you can set credentials to lock your device or change already existing credentials.

NETWORKS:

Configure Wi-Fi, AP, Cloud, Bluetooth, MQTT settings.

CHANNEL SETTINGS

Press the channel that you want to configure. Click on "Channel Settings".

Here the general settings about the channel will be displayed.

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You can configure I/O settings, channel's state, channel's name, consumption type, etc.

• **Input/output settings** - input mode and relay type define the way the attached switch or button controls the output state. The possible input modes are "button" and "switch", and the relay mode can be chosen depending on the preferred usage of the device. "Set relay power on default" allows you to choose the default state of the relay when power is on.

• **Invert Switch:** When the input is on, the output is off and when the input is off, the output is on.

• **Max Power Protection** - configure Shelly to turn off when a defined power consumption limit is reached. The range is 1-3500W. After typing the desired power limit, press Save.

• **Channel Name:** Set a name for the chosen channel

• **Consumption type** - Choose the type of appliance that the device will be controlling and measuring i.e lights, heating.

• **PIN lock:** Restrict control of the Shelly device through the web interface by setting a PIN code. After typing the details in the respective fields, press "Restrict Shelly".

TIMERS

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Use events to trigger http endpoints. You can add up to 20 webhooks.

