



Congratulations to your new Smart home device, swisstone SH 100. This Smart Wi-Fi socket makes your standard electrical outlet to a manageable multi-functional outlet, enabling you to easily control any connected device via an app on your iOS or Android device. It can also be voice controlled if associated with a home automation service like Amazon Echo and Google Home.

1. Install the KAFO app

Download and install the app **KAFO** from Google Play or App Store on your smartphone.

Compatible devices

- Android version 4.1 and later
- iOS version 8.0 and later
- 2.4 GHz Wi-Fi network




2. Register/login on the KAFO APP

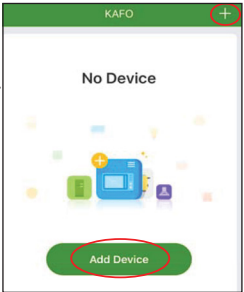
When first opening the **KAFO** app, select to **Register** a new account or **Login** if you already have an account.


***Note!** Be sure to remember the username and password for later use with Amazon Echo or Google Home integration.*

3. Add device, Smart Setup Option

***Note!** Your mobile device must be connected to the same Wi-Fi network as your SH 100 should be connected to. Please also note that SH 100 only supports 2.4 GHz Wi-Fi networks.*

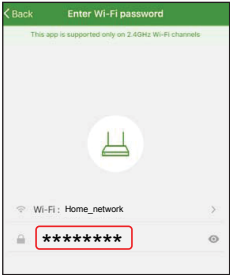
1. Connect the SH 100 to the wanted electrical outlet. This outlet must be within the Wi-Fi network range. Avoid placing the SH 100 near potential sources of radio signal interference.
2. In the **KAFO** app, click **Add Device** or + in the upper right corner to add this new device.
3. Select the device type **Socket**.
4. Make sure the blue Wi-Fi indicator blinks quickly (2 times per second), then click **Confirm indicator rapidly blink**. If not, press and hold the button  for 5 seconds.



5. Select the same Wi-Fi your phone is connected to and enter the password for that Wi-Fi, then click **Next**.
6. When the app and the device have found each other, click  to rename the device to a suitable unique name, e.g. "Living room".

***Tip:** If using your device with Amazon Alexa or Google Home we recommend naming the device to something that is easy to say and for the service to understand.*



7. When ready, click **Done** to add the found device to the device list in the app. You can also click **Share to family** to share the device with your family. Enter their KAFO account to share the device control.



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Alternative connection, AP mode

In some cases you may have trouble connecting the device with your Wi-Fi when using the Smart Setup Option. Use the following steps if you are unable to connect the device with your Wi-Fi.


1. Connect the SH 100 to the wanted electrical outlet.
2. Press and hold the button  for 5 seconds until it begins to blink quickly (2 times per second). The device is now in Smart Setup mode
3. Press and hold the button  again for 3 seconds until it begins to blink slowly (once every 3 seconds). The device is now in AP mode
4. In the **KAFO** app, click **Add Device** or + in the upper right corner to add this new device.
5. Select the device type **Socket**.
6. Click **AP mode** in the upper right corner
7. Click **Confirm indicator slowly blink**.
8. The app will begin to scan nearby Wi-Fi networks. Once the scan is complete it will read **Connected to SmartLife-XYX**. If not, click **Change Network** and select **SmartLife-XYX**.
9. Select your Home Wi-Fi Network and enter the password for that Wi-Fi, then click **Next**.
10. Set name and click **Done** when ready.

4. Device management

You have now connected your new device and can start to control the power to any device connected via the SH 100.


In the app, click  to turn the power on/off. The display will clearly show the state of SH 100.

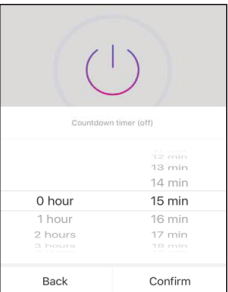
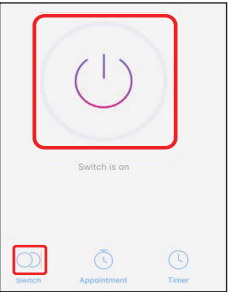
You can also click  **Switch** to turn the power on/off.

You can of course always press the button  on the socket to turn the power on/off.

Appointment


The Appointment can be set to automatically turn off the device plugged into the SH 100 after the countdown time has elapsed.

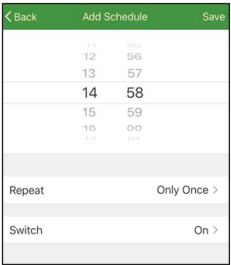
1. Click **Appointment** .
2. Set the countdown timer in hours and minutes and click **Confirm** to start the timer.



Timer

You can create ON/OFF schedules to automate your plugged-in devices to work around your home and work schedules, such as setting the lights to come on at dusk and turn off at sunrise.

1. Click **Timer** .
2. Set the timer in hours and minutes.
3. Set if the timer should occur **Only Once** or the repeated schedule.
4. Set if the switch should go **On** or **Off**.
5. Click **Save** when done.



Device properties

Click ●●● in the upper right corner to view and modify the device settings:

- **Modify Device Name:** to change the device name. If you for instance move the plug it can be good to have a matching name.
- **Device sharing:** to share the device with other KAFO accounts.
- **Device info:** detailed information about the device.
- **Create Group:** group this device with other devices.
- **Use Echo:** view pairing instructions for Amazon Echo (Alexa).
- **Use Google Home:** view pairing instructions for Google Home.
- **Send Feedback:** send feedback to the developers
- **Check for Firmware Update:** for keeping the device updated with the latest improvements.
- **Remove Device:** remove the device pairing.

5. Scenes

Create scenes to fully use your SH 100 in your home. A scene is a way to control connected devices simultaneously with only a touch of a button from your smartphone for defined occasion. For example, set “Leave Home” to turn off the lights in multiple places.

***Note!** Scenes can only be created if you’re signed in to your KAFO account and have at least one device connected.*

6. Profile

View and modify you profile settings.

- **Scenes:** see previous chapter.
- **Device sharing:** to share the device with other KAFO accounts.
- **Message Center:** see messages from devices or service.
- **Integration:** see instructions on how to integrate voice control services like, Amazon Echo (Alexa) or Google Home.
- **Scan QR code:** for adding devices that comes with a QR code.
- **Feedback:** send feedback to the developers
- **About:**
 - **Rate Us:** Rate this app.
 - **Current version:** check app version.
 - **Check for Update:** for keeping the device updated with the latest improvements.

Click **Settings** in the upper right corner to view and modify the profile settings.


7. Voice control integration

In the **KAFO** app you can find brief instructions on how to integrate your swisstone smart devices with voice control services like, Amazon Echo (Alexa) or Google Home in **Profile/Integration**. Find more information and control words online for your chosen service.

***Note!** If you have already created groups and/or scenes in the app, you might not be able to use them with Amazon Echo (Alexa) or Google Home. It is only possible to group devices with the respective service, scenes are not possible.*

8. Reset


A reset of the device can help you troubleshoot any issues that you may have. Please keep in mind that a factory reset will erase all of your custom settings and restore them to factory default settings.

Reset the SH 100 by pressing and holding the button  for 5 seconds until it blinks quickly.

After the reset, the SH 100 will enter pairing mode.

9. Other information

Safety instructions

WARNING


The unit and the accessories can contain small parts. Keep all of the equipment out of the reach of small children. The mains adapter is the disconnect device between the product and mains power. The mains socket outlet must be close to the equipment and easily accessible.


- The product is intended for indoor use only.
- Use the product for its intended purpose only.
- Protect the unit from moisture. Rain/snowfall, moisture and all types of liquid can contain substances that corrode the electronic circuits. If the unit gets wet, If the unit gets wet, immediately disconnect the power supply. Attention danger to life! Before further use, make sure that the device has completely dried out and is functional. If necessary, seek professional advice.
- Do not use or keep the unit in dusty, dirty environments. The unit’s moving parts and electronic components can be damaged.
- Do not keep the unit in warm places. High temperatures can reduce the lifespan for electronic equipment and distort or melt certain plastics.
- Do not keep the unit in cold places. When the unit warms up to normal temperature, condensation can form on the inside which can damage the electronic circuits.
- Do not drop the unit. Do not knock or shake it either. If it is treated roughly the circuits and precision mechanics can be broken.
- Do not use strong chemicals to clean the unit.
- Do not use the product in areas where the use of electronic devices is not permitted.
- Do not modify the product in any way. Doing so voids the warranty.
- Do not attempt to disassemble, repair, or modify the device.
- The product may only be operated with the type of power supply network described on the name plate.
- Only connect the product to a socket that has been approved for the device. The socket must be installed close to the product and easily accessible.
- Never connect multiple units of this product in series.
- Do not operate the product outside the power limits given in the specifications.

- Do not use any heat-generating devices (such as electric blankets, coffee machines, etc.) with this product. There is a risk of fire and injury.
- Do not use this product with any devices that are motorised or any devices that have a rotating component or workpiece. There is a risk of injury.
- Do not open the product. Do not continue to operate the product if it is damaged, which may be indicated by smoke, odour or loud noises.

If the unit is not working as it should, please contact the place of purchase for service. Don’t forget the receipt or a copy of the invoice.

Correct disposal of this product

 (Waste Electrical & Electronic Equipment)

 (Applicable in countries with separate collection systems)

This marking on the product, accessories or manual indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.


Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal. This product is RoHS compliant.

RF Exposure Information

This device meets the EU requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

Declaration of Conformity



We hereby declare that the radio equipment type swisstone SH 100 is in compliance with Directives: 2014/53/EU and 2011/65/EC (RoHS).

A copy of the Declaration of Conformity is available at www.swisstone.de.

Warranty

In case you need support during setup or usage of your product you will find the relevant contact details on the following website: www.swisstone.de.

If you detect a defect resulting from manufacturing and/or material faults within 24 months from purchase, please contact your dealer. The warranty does not apply for improper treatment or failure to comply with information contained in this user guide, for interference on device executed by dealer or user (e. g. installations, software downloads,...) and for total loss. Furthermore it does not apply to ingress of liquids, use of force, non-maintenance, improper operation or other circumstances caused by the user. It also does not apply to failure caused by a thunderstorm or any other voltage fluctuations. The manufacturer reserves the right in this case to charge the customer for replacement or repair. For wear parts such as batteries or casing a restricted warranty period of 6 months is valid. Manuals and possibly supplied software are excluded from this warranty. Further or other claims arising from the manufacturer’s warranty are excluded. Thus, there is no liability claim for business interruption, loss of profits, loss of data, additionally installed software by user or other information. The receipt with purchase date forms the warranty proof.

Technical Specifications

Input voltage	220-240 V/50Hz
Output voltage	220-240 V/50Hz
Maximum Load:	16 A
Maximum Power:	3500 W
Wi-Fi (MHz) [maximum radio-frequency power/dBm]	IEEE 802.11b/g/n (2412-2472) [20]
Dimensions	Depth: 63 mm Width: 56 mm Height: 111 mm
Waterproof	NO, IP 20 (indoor use only)
Operating temperature	Min: -10°C (14°F) Max: 40°C (104°F)

No restrictions exist in the use of radio frequencies or frequency bands in all EU member states and EFTA countries.

