



Congratulations to your new Smart home device, swisstone SH 3X0. This Smart Wi-Fi LED bulb enables you to easily control and dim the light 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. There are two different LED types:

- Correlated colour temperature (CCT) which is the colour appearance of a white LED, warm or cool white
- Multi-colour (RGB) which are red, blue and green LEDs. RGB LED combine these three colours to produce over 16 million hues of light.

For each LED type, we also provide different fittings such as E27, E14 and GU10.

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 9.0 and later
- 2.4 GHz Wi-Fi network



2. Register/login on the KAFO APP

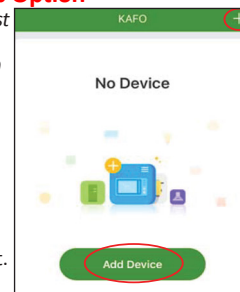
When first opening the KAFO app, select to **Register** a new account or **Login** if you already have an account.

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 3X0 should be connected to. Please also note that SH 3X0 only supports 2.4 GHz Wi-Fi networks.

1. Make sure the power for the lamp is switched off and let the light you are replacing cool off before you remove it.
2. Install the SH 3X0 and switch on the power. The LED must be within the Wi-Fi network range. Avoid placing the SH 3X0 near potential sources of radio signal interference.
3. In the **KAFO** app, click **Add Device** or **+** in the upper right corner to add this new device.
4. Select the device type **Lighting Devices**.
5. Make sure the light blinks quickly (2 times per second), then click **Confirm light rapidly blink**. If not, switch the light off/on 3 times.

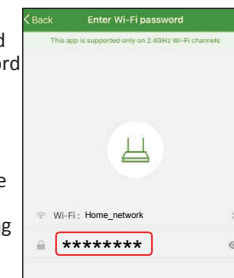


6. Select the same Wi-Fi your phone is connected to and enter the password for that Wi-Fi, then click **Next**.

7. 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.

8. 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.



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. Install the SH 3X0 and switch on the power.
2. Make sure the light blinks quickly (2 times per second). If not, switch the light off/on 3 times. The device is now in Smart Setup mode
3. Again switch the light off/on 3 times until it blinks 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 **Lighting Devices**.
6. Click **AP mode** in the upper right corner
7. Click **Confirm light 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 light.

In the app, click bulb icon to turn the power on/off. The display will clearly show the state of SH 3X0.

Set the brightness

Click **Adjust (CCT)/White (RGB)**.

Use the slider **Bright** to set the brightness.

Set the colour temperature

Click **Adjust (CCT)/Color (RGB)**.

Use the slider **Cool** to set the colour temperature from warm to cool.

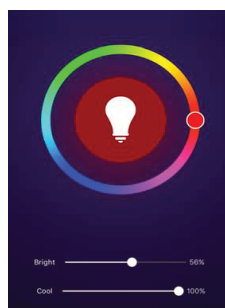
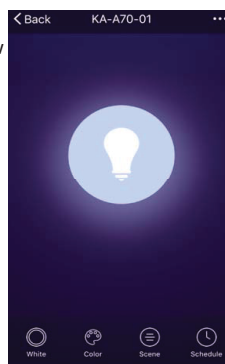
Set the colour

Click **Color (RGB only)**.

Use the multi-colour slider to set the colour. Choose from over 16 million colours.

Set the Lightning Scene

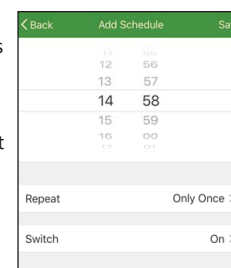
Select from different scenes or create your own. Use a dimmed night light or Party scene with bright, colourful light.



Schedule

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 **Schedule** .
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.
- **Echo:** pairing instructions for Amazon Echo (Alexa).
- **Google Home:** 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 3X0 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 3X0 by switching the light off/on 3 times.

After the reset, the SH 3X0 will enter pairing mode and blink quickly.

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, 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.
 - Use this product only with lights and fittings that are approved for the application and appropriate for the product. Please check that the product is in perfect working order before making use of it.
 - Whenever changing the light, always ensure that the light or fitting in question is current-free. Switch it off and/or pull the mains plug.
 - Please note that lights (even LEDs) can generate heat and may become hot. Always let the light cool off for a few minutes before touching it or changing it.


- Not suitable for use with standard in-wall dimmers. Dimmable via the app only.
 - NOT FOR EMERGENCY LIGHTING.
- 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 3X0 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

Voltage	220-240 V/50 Hz						
Wi-Fi (MHz)	IEEE 802.11b/g/n (2412-2472) [20]						
[maximum radio-frequency power/dBm]							
Operating temperature	Min: -10°C (14°F) Max: 40°C (104°F)						

Model specific data

Model:	SH 310	SH 320	SH 330	SH 335	SH 340	SH 350	SH 360
Watt power consumption	4,5	4,5	9	7	9	4,5	4,5
Lumen Output	350	350	806	800	806	380	380
Lamp type	Candle	Candle	Bulb	Bulb	Bulb	PAR16 spot	PAR16 spot
Socket type	E14	E14	E27	E27	E27	GU10	GU10
Dimmable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CCT (2700K-6500K)	Yes	-	Yes	-	-	Yes	-
Multi-colour (RGB)	-	Yes	-	-	Yes	-	Yes
Length, mm	107	107	110	106	110	70	70
Width, mm	37	37	60	60	60	50	50