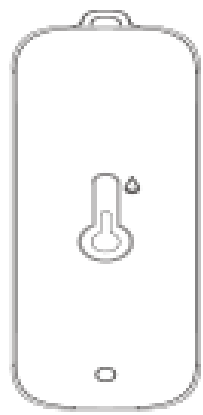
User manual



Wi-Fi Temperature & Humidity Sensor

for Indoor/Outdoor use

STHsensor

Thank you for choosing electriQ.
Please read this user manual before using the WiFi Temperature & Humidity Sensor and keep it safe for future reference.
Visit our page www.electriQ.co.uk for our entire range of electricals.

Welcome to electriQ

We hope you're happy with your new purchase.

We'd *love* to see how you're getting on.

If you share any snaps on your socials,
make sure you tag us and use our hashtag.

@electriQUK
#electriQUK

We're here to help

Got a question or need help?

Get in touch with our friendly customer service team.

0330 390 3061
support@electriQ.co.uk
Mon - Fri | 9am to 5pm

Unit 2A, Trident Business Park, Neptune Way,
Leeds Road, Huddersfield, HD2 1UA

CONTENTS

SAFETY INFORMATION	4
PRODUCT OVERVIEW	8
HOW TO USE	9
BEFORE SETTING UP YOUR DEVICE	10
HOW TO SET UP	11
BLUETOOTH MODE	13
WI-FI MODE	15
PLACEMENT	21
FUNCTIONS	22
CLEANING AND MAINTENANCE	26
FAQ’s	28
TECHNICAL SPECIFICATION	31
SUPPORT	35

SAFETY INFORMATION

Please read the following safety information carefully before using the device.

This product has been designed and manufactured in accordance with the applicable safety standards, including EN IEC 62311:2020, ensuring that human exposure to electromagnetic fields (EMF) remains within safe limits during normal use

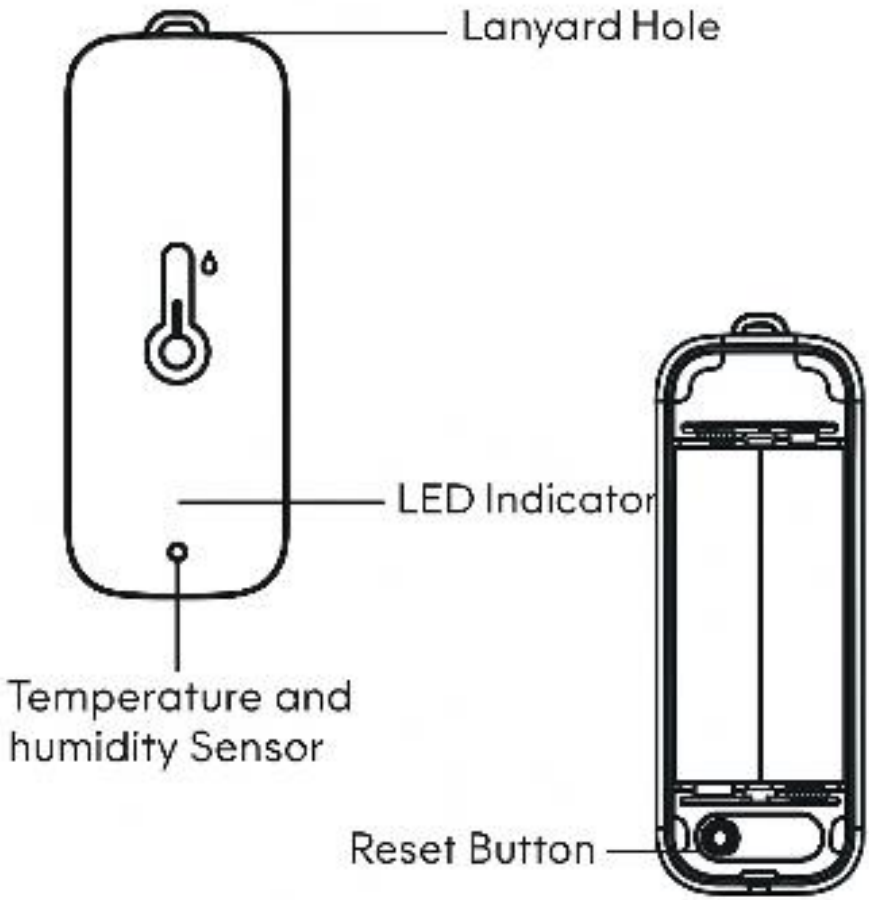
- This device contains a Wi-Fi transmitter operating in the 2.4GHz band (IEEE 802.11 b/g/n) with low output power.
- The product complies with EN IEC 62311:2020 requirements regarding the safe exposure of humans to electromagnetic fields (EMF).

- Always use the device as specified in this manual.
- Keep a minimum distance of at least 20 cm between the device and any person during installation, network configuration, and operation involving active data transmission.
- Avoid prolonged direct contact with the device, especially near the head or body.
- Do not modify or disassemble the device, as this may affect EMF compliance and void the warranty.
- For indoor and sheltered outdoor use only.
- Avoid prolonged exposure to direct sunlight, rain, or extreme weather conditions.
- Install the device securely on a wall, door, or flat surface as described in this manual.

- Keep the device away from heat sources, high humidity, and strong magnetic fields.
- Ensure good Wi-Fi network connectivity to minimise power consumption and maximise performance.
- Only use new alkaline batteries as specified. Do not mix old and new batteries.
- Insert batteries correctly, observing the polarity markings (+/-).
- Remove the batteries if the device will not be used for an extended period to prevent battery leakage and damage.
- Do not expose batteries to excessive heat, fire, or water.
- Dispose of used batteries in accordance with local environmental regulations.
- Clean the device with a soft, dry cloth.

- Do not use solvents, chemicals, or abrasive materials.
- Do not attempt to repair or modify the product yourself.
- This product contains electrical components and should not be disposed of with household waste.
- Dispose of the product and its batteries in accordance with local laws for electronic waste and battery recycling.
- Keep out of reach of children and pets.
- This product is intended for residential and light commercial environments only.
- The device may take up to 30 minutes after network setup to stabilise temperature and humidity readings.
- Ensure correct network configuration immediately after battery installation to avoid unnecessary battery drain.

PRODUCT OVERVIEW



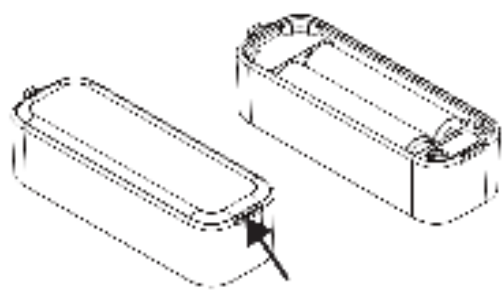
HOW TO USE

Carefully prise off the back cover of the battery compartment. Insert 2 x AAA batteries, ensuring correct alignment of the positive (+) and negative (-) terminals. Confirm that the white indicator light is flashing.

NOTE:

· Always use new alkaline batteries. Do not mix new and used batteries.

· When replacing batteries, please use alkaline batteries. Do not use carbon-zinc batteries.



BEFORE SETTING UP YOUR DEVICE

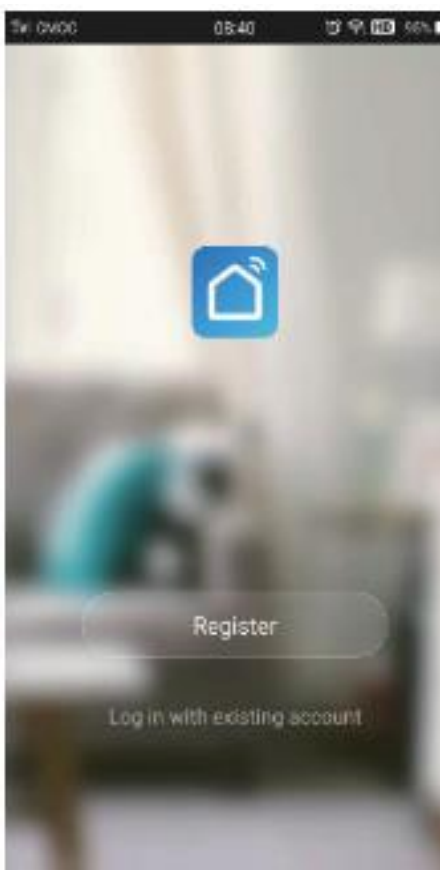
Ensure the following is checked:

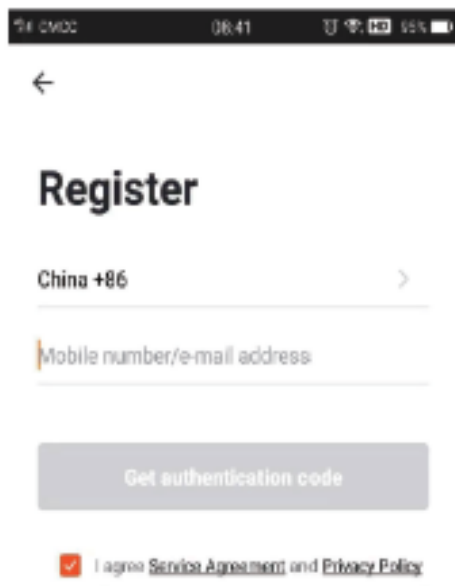
- Your smartphone is connected to a 2.4GHz Wi-Fi network.
- You have entered the correct Wi-Fi password.
- Your smartphone is running Android 6.0 or above, or iOS 11 or above.
- If the number of devices connected to your Wi-Fi router has reached its limit, try disconnecting a device to free up a channel, or use a different Wi-Fi router.

HOW TO SET UP

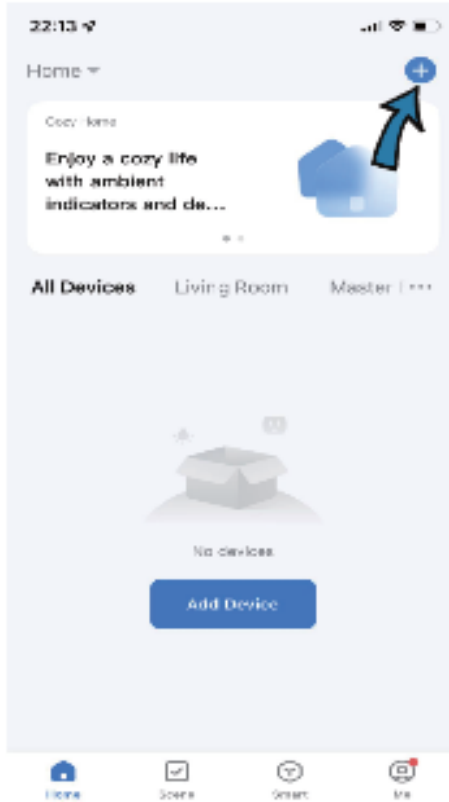
1. Use your smartphone to scan QR code, or search “Smart Life” app in Google Play Store or APP Store to download and install.

2. Create an account with your mobile number and authentication code.





3. Connect your mobile to your Wi-Fi router, click “+” at the upper right corner of homepage or click “Add Device”.

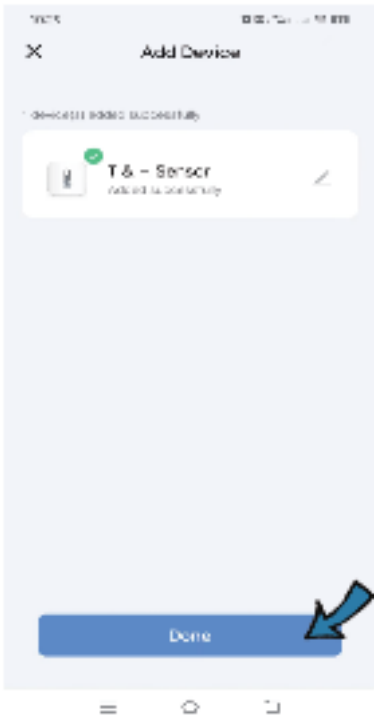


BLUETOOTH MODE:

The app will advise you to turn on the Bluetooth on your mobile, and make sure the indicator is blinking quickly, it will search for the device and add it automatically.

Add Device
Searching for nearby devices. Make sure your device has entered pairing mode.
Discovering devices···
Add
Add Manually
Electrical
Socket
Lighting
Sensors
Large Home Appliances
Small Home Appliances
Kitchen Appliances
Exercise &
Plug (BLE + Wi-Fi)
Socket (Wi-Fi)
Socket (Zigbee)
Socket (BLE)
Socket (NB-IoT)
Socket (other)

Enter Wi-Fi Information
Choose Wi-Fi and enter password
FLY_XNet
Next



WI-FI MODE:

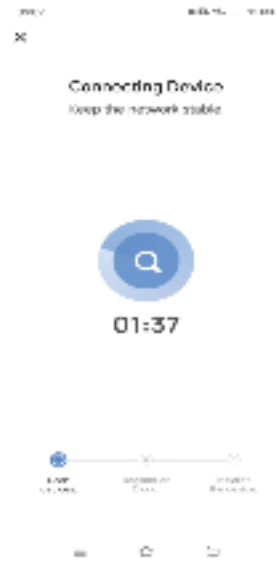
Select “Temperature and Humidity Sensor (BLE + Wi-Fi)” from “Sensors”. Select “Blink Quickly”, make sure the LED light is blinking quickly, if not, hold the reset button for about 5 seconds till the indicator is blinking fast.

Add Device
Lighting
Sensors
Temperature and Humidity Sensor (BLE+Wi-Fi)
Temperature and Humidity Sensor (Wi-Fi)
Temperature and Humidity Sensor (Zigbee)
Temperature and Humidity Sensor (BLE)
Temperature and Humidity Sensor (NB-IoT)
Temperature and Humidity Sensor (other)
Energy

Bluetooth
Reset the dev
Bluetooth
Wi-Fi Mode
Install the battery and press the reset button to enter the pairing mode
Make sure the device is in the state of network distribution
Next
Reset Device Step by Step

Wi-Fi Mode
Reset the device
Press and hold the RESET button for 5 seconds until the indicator blinks (subject to the user manual).
Confirm the indicator is blinking
Reset Device Step by Step

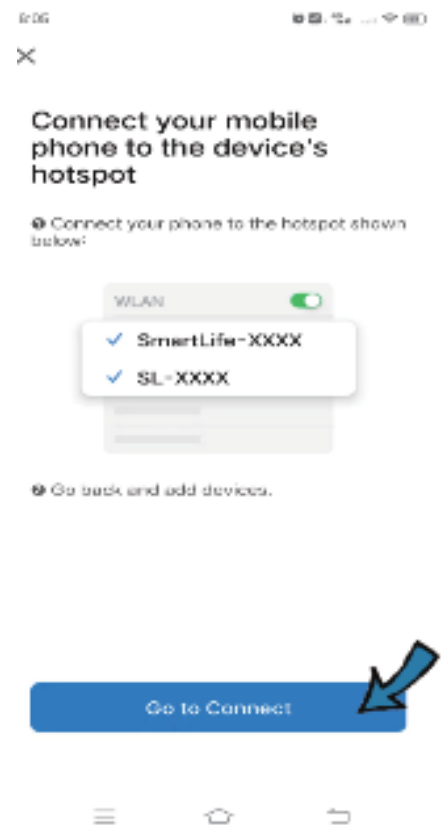
Wi-Fi Mode
Reset the device
Press and hold the RESET button for 5 seconds until the indicator blinks (subject to the user manual).
Select the status of the indicator light or hear the beep:
Blink Slowly
Blink Quickly

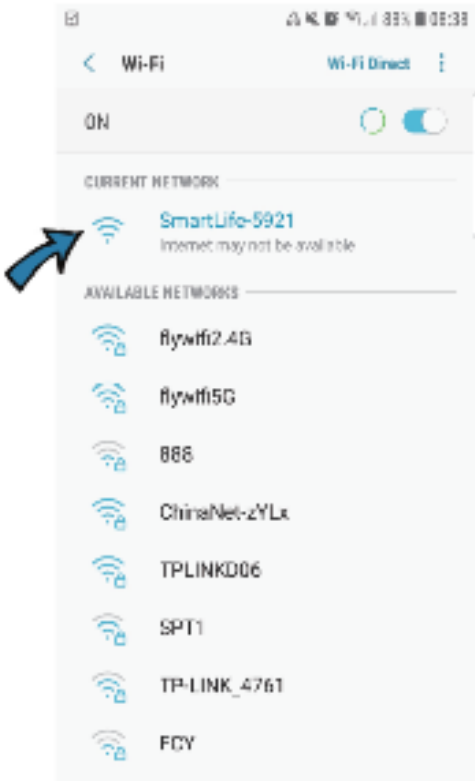


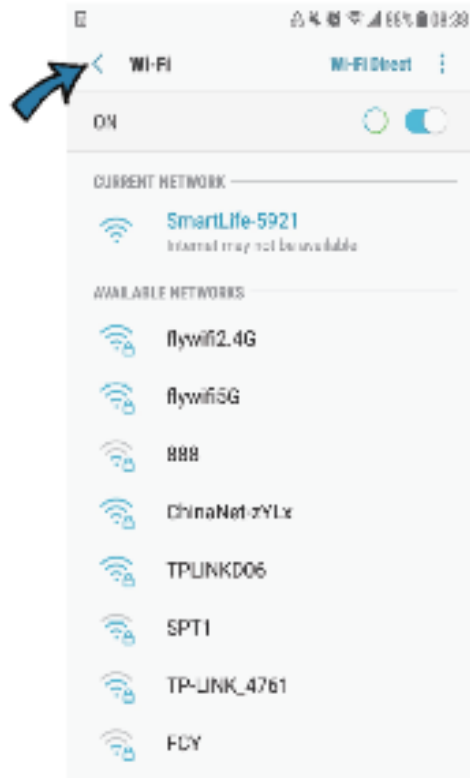
You can also select ‘Blink Slowly’. Make sure the LED indicator is blinking slowly. If it is not, press and hold the reset button for about 5 seconds until the indicator starts blinking slowly.

Connect your mobile device to the device’s hotspot: “SmartLife-XXXX”. Then, return to the app interface. The device will automatically connect to your Wi-Fi router, and the configuration will be completed.

Wi-Fi Mode
Reset the device
Press and hold the RESET button for 5 seconds until the indicator blinks (subject to the user manual).
Select the status of the indicator light or hear the beep:
Blink Slowly
Blink Quickly


Connect your mobile phone to the device's hotspot
Connect your phone to the hotspot shown below:
WLAN
SmartLife-XXXX
SL-XXXX
Go back and add devices.
Go to Connect


Wi-Fi
Wi-Fi Direct
ON
CURRENT NETWORK
SmartLife-5921
Internet may not be available
AVAILABLE NETWORKS
flywifi2.4G
flywifi5G
888
ChinaNet-zYLx
TPLINKD06
SPT1
TP-LINK_4761
FCY


Wi-Fi
Wi-Fi Direct
ON
CURRENT NETWORK
SmartLife-5921
AVAILABLE NETWORKS
flywifi2.4G
flywifi5G
888
ChinaNet-zYLx
TPLINKD06
SPT1
TP-LINK_4761
FCY

PLACEMENT

After completing the network configuration, close the back cover. You can then:

1. Use a clean, dry cloth to wipe the area where you wish to mount the sensor. Peel off the adhesive backing and stick it to the back of the sensor. Press firmly to ensure it is securely fixed to the wall.
2. Hang the sensor on a wall or door using the supplied lanyard.
3. Place the sensor on a table or any flat surface, as desired.

FUNCTIONS

1. **Temperature & Humidity Alarm**

You can preset the desired temperature and humidity range in the settings. When the actual indoor temperature or humidity goes beyond this range, an instant alarm notification will be sent via the app.

2. **Temperature & Humidity Calibration**

You can calibrate the temperature and humidity in the settings. Select the calibration value, then press the reset button once. The temperature

or humidity reading in the app will update accordingly.

3. **Temperature & Humidity Records**
   You can view historical temperature and humidity data stored for up to one year. Data can also be exported to your email address.

4. **Temperature Unit Switch**
   You can switch the temperature unit between Celsius and Fahrenheit in the settings. Select the preferred unit, then press the reset button once to complete the switch.

5. **Intelligent Linkage**

You can create smart linkage scenes with other Tuya smart devices, such as a Smart IR Remote Controller.

For example:

When the indoor temperature exceeds 30°C, the air conditioner will turn on automatically.

When the humidity falls below 20%, the humidifier will activate.

6. **Third-Party Voice Control**

You can check the temperature and humidity using voice assistants such

as Amazon Alexa or Google Assistant.

Example voice commands:

“OK Google, what is the humidity of <device name>?”

“OK Google, what is the temperature of <device name>?”

“Alexa, what is the humidity of <device name>?”

“Alexa, what is the temperature of <device name>?”

CLEANING AND MAINTENANCE

To ensure the proper operation and longevity of your device, please follow the guidelines below:

CLEANING

- Always disconnect the device from the network (by removing the batteries) before cleaning.
- Clean the outer surface of the device using a soft, dry cloth.
- Do not use water, cleaning sprays, solvents, alcohol, or abrasive cleaning agents, as these may damage the surface or internal components.

- Avoid allowing moisture to enter any openings or seams of the device.

MAINTENANCE

- Check the device periodically to ensure it is securely mounted and operating correctly.
- Keep the device away from heat sources, direct sunlight, and high humidity to avoid affecting the sensor's performance and lifespan
- Ensure the device remains free of dust or debris that could block air circulation around the temperature and humidity sensors.
- Replace the batteries promptly when notified by the app, or if the sensor stops reporting data.

- Use only new alkaline batteries as recommended in this manual.
- If the device is not in use for an extended period, remove the batteries to prevent leakage and potential damage.

IMPORTANT!

Do not attempt to disassemble, repair, or modify the device, as this may result in damage and will void the warranty.
For any issues beyond regular cleaning or battery replacement, please contact customer support

FAQ’s

- The device has a waterproof design and can be used outdoors. However, to

maintain its lifespan, avoid prolonged exposure to direct sunlight or rain.

- Please complete the network configuration immediately after installing the batteries to prevent unnecessary power consumption. Also, ensure your Wi-Fi network is stable—if the connection is poor, the device will repeatedly attempt to connect, causing the batteries to drain quickly.
- Around 30 minutes after completing the Wi-Fi setup, the temperature and humidity readings will stabilise and more closely reflect the actual environment. For more accurate results, keep the sensor away from heat sources.
- As this is a low-power device, if no data is reported within 24 hours, the app will notify you that the device is offline.
- When the ambient temperature changes by at least 0.5°C or the humidity changes

by at least 5%, the temperature and humidity readings will update every 2 minutes.

- If the ambient temperature changes by less than 0.5°C or the humidity changes by less than 5%, the readings will update once every hour.

TECHNICAL SPECIFICATION

Dimensions	73*25*20mm
Battery	LR03-1.5V/AAA*2 (Alkaline battery)
Wi-Fi Standard	2.4GHz only not compatible with 5GHz networks
Temperature Measure Range	-20 ℃~ 60℃
Temperature Accuracy	+-1℃
Humidity Measure Range	0% RH~100% RH
Humidity Accuracy	-+5% RH

PSTI STATEMENT OF COMPLIANCE

Description: WiFi Temperature & Humidity Sensor.
Model Number: STHsensor
Manufacturer: ElectriQ, 2A Trident Business Park, Leeds Road, Huddersfield, HD2 1UA
PSTI Contact: TiSecurity@buyitdirect.co.uk

We have prepared this statement of compliance and can confirm that this product is compliant with the deemed compliance conditions in Schedule 2 of The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023.

Duration of security updates: 30/12/2029. This date is correct at the time of printing, but we may extend it. Please visit www.electriQ.co.uk for the latest information and details of our PSTI compliance.

Richard Leach
Compliance and Quality Manager, Buy It Direct, Huddersfield
8th November 2024

EU DECLARATION OF CONFORMITY

Hereby, ElectriQ declares that the WiFi Temperature & Humidity Sensor is in compliance with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following internet addresses:

https://electriQ.co.uk/files/DOC/EU/STHsensor.pdf

UK DECLARATION OF CONFORMITY

Hereby, ElectriQ declares that the WiFi Temperature & Humidity Sensor is in compliance with the Radio Equipment Regulations 2017

The full text of the EU Declaration of Conformity is available at the following internet addresses:

https://electriQ.co.uk/files/DOC/UK/STHsensor.pdf

electriQ UK SUPPORT

www.electriQ.co.uk/support
Call: 0330 390 3061
Office hours: 9 AM - 5 PM, Monday to Friday

Unit 2A, Trident Business Park,
Neptune Way, Leeds Road,
Huddersfield, HD2 1UA.

Recycling facilities are now available for all customers, where they can deposit their old electrical products. Customers can take any old electrical equipment to participating sites run by their local councils. Please remember that this equipment will be further handled during the recycling process, so please be considerate when depositing your equipment. Please get in

touch with the local council for details of your local household waste recycling centres.