Instruction Manual for WI-FI Smart Plug
(APP: Link2home)

Type: EMW311WF-UL

A. Function

1. The Link2home Wi-Fi plug connects your home Wi-Fi network to your appliances for easy control of home automation, energy saving and home security.

2. App controls any connected electrical appliances via your smart device. Wherever and whenever you choose to control the on/off, timer setting and group setting. Applicable for both IOS and Android system.

3. With Alarm function, send an alert message to the registered email or via APP push notification, for home security purpose.

4. By refreshing the screen, you can see your plug's on/off status from the APP.

5. With pushbutton, control power on/off manually.

6. Timer setting function via the APP is easy and convenient.

7. Available to add multiple Wi-Fi plugs to suit your need.(Max 15 devices per Wi-Fi Router)

B. Connection

1. Download the Link2home from APP store or Google Play on your smart phone, open the APP and follow the procedure to register your account with a valid email address.

    (You can also scan the QR code on the packaging to download Link2home APP)

2. Add new device to your smart phone by following the procedure demonstrated in the APP.

3. Once connected, you can either control the appliances via your smart phone or manually.

C. Setting Procedures

1. Add a New Device
    a) After downloading the APP and register your account, plug in the device to a main plug, LED flashes quickly continuously (few times per second)
    b) APP shows "ADD A DEVICE", click to add the device
    c) Follow the procedures on the APP and press "ACTIVATE" to complete the procedures
    d) Scroll down the first page to refresh the device status
    e) Click "+" icon next to "Link2home" on the main page, choose "ADD" to add new devices

2. Change Device Name
    a) Click on the device to rename it
    b) Scroll down to "Device Setting"
    c) Choose the icon for your device, ie. Table lamp, floor lamp…
    d) Rename your device by pressing the "Name" button

3. Timer Setting
    a) Click on the device and set the timer program
    b) Click the "+" icon
    c) Click in the field with the displayed time, set your time, when finished, press "Done". Move the slider to activate or deactivate. Choose the normal time (🕐) or sunrise/sunset time (☀) to control the power on/off. The times for sunrise/sunset, depending on your location. Every time you refresh the page (pull down), there is an automatic update of the time circuit. Choose if the set time should be ON or OFF. Choose the day of the week when you want to repeat, press "DONE" when finished. Device will turn on and off according to your setting automatically
    d) Delete unneeded time circuits by dragging the field with the timer to the left and tap "Delete"

4. Max. ON Time Setting

   a) Click on the device to enter the setting interface

   b) Click in the field with the displayed time, set your Max. ON time, when finished, press "Done". Move the slider to activate or deactivate. (When activated, the device keeps on until it reaches the set Max. ON time)

5. Countdown Setting

   a) Slide the device to the left and click the countdown icon to set your countdown time, when finished, press "Confirm". The device enters the countdown mode, and will switch on/off when reaches the time

   b) Click the on/off button to cancel the countdown

6. Alarm Setting

   Press and hold the button on the device can send an alarm/alert message in case of urgency.

   a) Click "+" icon next to Link2home on the first page, choose "SETTING" and scroll down to "System Setting"

   b) Click "Push Notification" to choose "APP" or "EMAIL", or both, to receive the alarm message sent from the device (email address to be the same as your registered email address)

   c) Go back to the first page of the app

   d) Click on the device you would like to set the alarm message

   e) Scroll down to "Alarm Setting"

   f) "Add alarm message" and enter your message content

7. Group Setting

   Group Setting allows you to combine different devices into the same on/off timer. Ideal for special occasion on/off control, eg. Going out for a holiday

   a) Go to "GROUP" icon on the first page

   b) Click "ADD A NEW GROUP", choose Icon for special occasion, eg. WEEKEND, WINTER TIME, ENERGY SAVING…

   c) Re-name the group at your own preference if needed, press "SAVE", APP will go to the GROUP's main page," Success, Group Added Successfully" shown on the screen. Click "confirm"

   d) Choose the group you just created, press "Add Timer Setting", chose the activation time and repeat pattern, press "DONE" when finished

   e) Scroll down to "Set Group Combination", press "Device Combination", press "+" on the right top corner, APP guides you to page " Add Group Device", select multiple device to form a group , press DONE when finished

   f) App then goes to the "Device Combination" page, and shows the device that you just chosen

   g) You can set ON or OFF status for the device, and if activate the instruction at the time of the setting (NOW) or with delay, press DONE when finished

   h) Click "+" icon next to "Link2home" on the main page, choose "GROUP" to add new groups

   Group setting notes:

   a) *The above process only set ONE group, which is ON or OFF. User is suggested to set another group to complete the on/off cycle, or the device might be on until it has an OFF time setting.*

   b) *To avoid confusion, we suggest to de-activate the timer setting function in the DEVICE page*

8. Reset

   a) Press and hold the manual button on the device for 20 seconds, it will clear ALL the previous setting, LED flashes quickly, and the reset device is then ready for user to "add new device"

b) To change user account to control the devise, go to the specific device page, select "Delete Device", then the device is free for any other new account to add

D. LED Flashing Guideline

LED	Description
Flashes slowly (once per second)	- Smart plug is searching for the Wi-Fi network. - Press and hold the button until the LED flashes quickly (few times per second), plug turns into the connection mode. - Follow the procedure on the APP to activate the new device and enter the Wi-Fi password for connection.
Flashes quickly (few times per second)	- Smart plug is in connection Mode. - Follow the instruction "ACTIVATE NEW DEVICE" and enter the Wi-Fi password for connection. - When the connection is successful, the LED will stay ON or OFF, without flashing.
Flashes quickly with interval (4 flashes per second at 1-2 seconds interval)	- Smart plug is in manual connection mode. - Press and hold the button until LED flashes quickly (few times per second), follow the "Manual Connection" procedure, enter the Wi-Fi password for connection. - When connection is successful, the LED stays ON or OFF, without flashing.
Flashes 3 times quickly then OFF	- Alarm mode is activated. - After activating the device successfully, press and hold the button, LED flashes 3 times quickly, then OFF, the smart plug will send an alert message to your preset email account or by APP push notification. - You can preset your alert message in your APP.
On or OFF	- Power on /off status indicator. - Connection successful (after connection mode as above).

Cautions:

1. For safety, always switch off your appliances before connecting.
2. For indoor use only.
3. Whenever you change a Wi-Fi network, reconnection is required.
4. Do not plug in and out the device continually. Always wait for an interval of 10 seconds
5. Do not connect with the following load

Possible unsafe operation
Particular requirements for vacuum cleaners and water-suction cleaning appliances
Stationary cooking ranges, hobs, ovens and similar appliances
Grills, toasters and similar portable cooking appliances
Floor treatment machines and wet scrubbing machines
Deep fat fryers, frying pans and similar appliances
Kitchen machines
Particular requirements for appliances for skin or hair care
Particular requirements for microwave ovens, including combination microwave ovens
Room heaters
Commercial electric cooking ranges, ovens, hobs and hob elements
Commercial electric deep fat fryers
Commercial electric griddles and griddle grills
Commercial electric multi-purpose cooking pans
Portable heating tools and similar appliances

Commercial electric boiling pans
Commercial electric grillers and toasters
Sauna heating appliances
Projectors and similar appliances
Thermal-storage room heaters
Commercial electric kitchen machines
Floor treatment and floor cleaning machines for commercial use
Spray extraction machines for commercial use
Wet and dry vacuum cleaners, including power brush, for commercial use
Electrical heating appliances for breeding and rearing animals
Automatic machines for floor treatment for commercial use
Portable immersion heaters
Electric fence energizers
Outdoor barbecues
High pressure cleaners and steam cleaners
Amusement machines and personal service machines
Commercial microwave ovens
Hand-held mains-operated garden blowers, vacuums and blower vacuums

E.   Caution:

Federal Communications Commission (FCC) Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF exposure warning
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body

IC Radiation Exposure Statement for Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent is otropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

User manuals for transmitters equipped with detachable antennas shall also contain the following notice in a conspicuous location:

This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste,ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

IMPORTANT NOTE:
Radiation Exposure Statement:
This equipment complies with "Industry Canada RSS-102 for radiation exposure limits set forth for an uncontrolled environment".
This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Déclarationd'exposition aux radiations:
Cetéquipementestconforme aux limitesd'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cetéquipementdoitêtreinstallé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

Industry Canada – Emissions compliance statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de Conformité à la Réglementationd' Industrie Canada. Cetappareilnumérique de la classe B est conform à la norme NMB-003 du Canada.

F.   Specifications

1.   125V~ 60Hz, 15A, 1/2HP
2.   1875W (Resistive), 1250W (Tungsten)
3.   Frequency: 2.4GHz (meets the requirements of IEEE802.11/b/g/n standard)

G.   System Requirements

1.   Wi-Fi® router
2.   iOS v6.0 or higher
3.   Android 3.0 or later