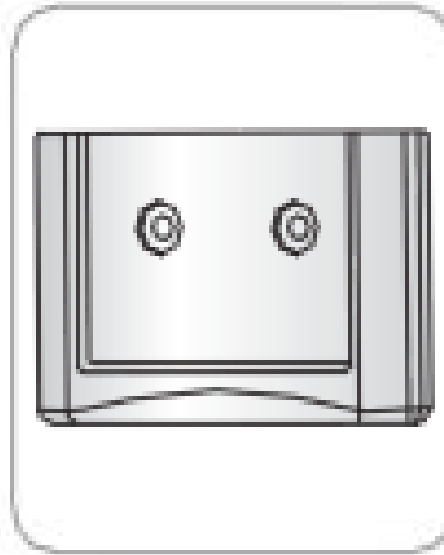


WLAN UNIT & Accessories

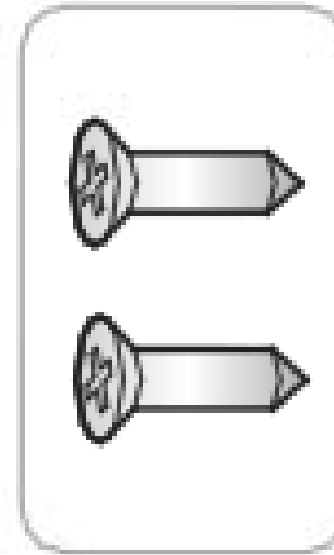
LGE Internal Use Only



WLAN UNIT



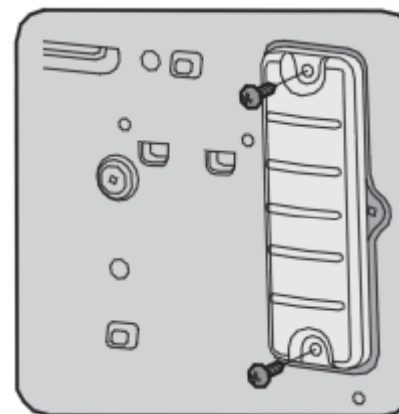
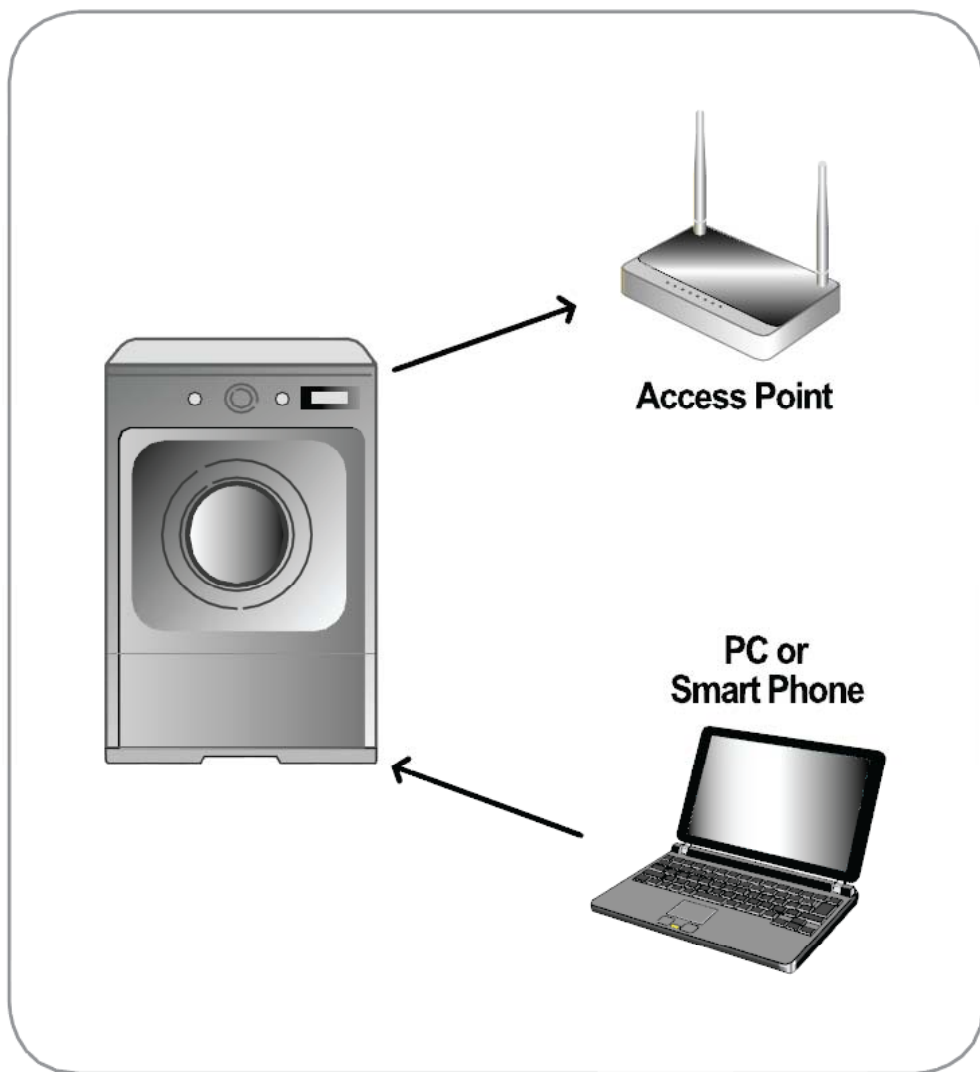
WLAN UNIT Holder



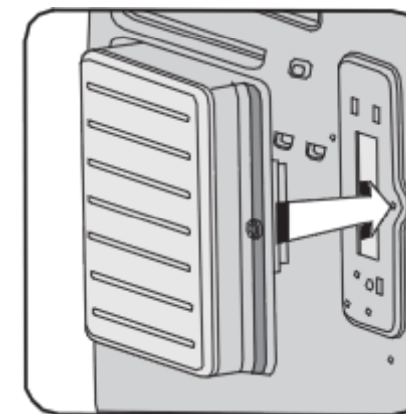
Screw(2ea)

WLAN UNIT setting(Connection)

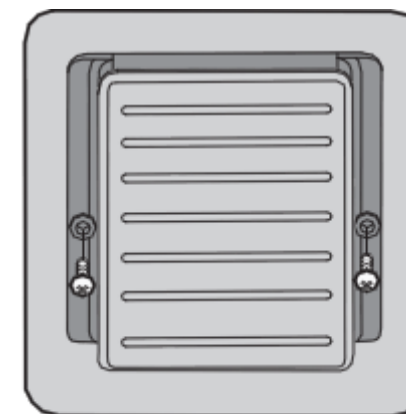
LGE Internal Use Only



Smart Washing Machine



WLAN UNIT connected to Washing Machine



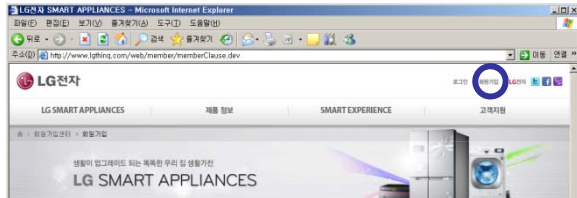
※ To ensure compliance with FCC RF exposure requirements, this device must be installed in a location where the antenna of the device will have a minimum distance of at least 10 cm

WLAN UNIT setting(Smart Phone)

LG E Internal Use Only



1. Access LG Smart Server Homepage with computer (<http://www.smarthinQ.com>) and register ID and password.



2. Apply purchased WLAN UNIT to Smart Washing Machine, push the reservation button for more than 3 sec. after turning on the washing machine. shows 'Wi-Fi Setting mode with "Ting" sound.

Wi-Fi Setting Mode

Access Wi-Fi Modem setting mode with Smart Phone or Laptop.

IP : 192.168.120.254
SSID : LG_Smart_Laundry

or



3. Touch the 'Wi-Fi set' button below and choose 'LG_Smart_Laundry' among Wi-Fi Network. When state shows "Connected", come back to current image with using back button of smart phone.



4. Set the requirement of Wi-Fi Modem which is on the product with pushing the "Product Setting Mode" below.

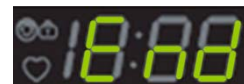


- ① Check the product is 'Washing Machine'
- ② Choose Wireless router(AP) that is currently being used for User AP
(Input the password and connect if Wireless router(AP) has security application.)
- ③ ID/PW : mandatory information (ID/PW of LG Smart Server registration)
* Name : In case of using several product, Give name to distinguish easily(Optional)
- ④ Check the registered information and click the Register Button to complete the registration. Smart phone and Product show the completion message as below.

Wi-Fi Setting Mode

Wi-Fi Setting has completed.

or



Product Setting Mode

<Product showing part>

<Smart Phone image>



Product registering

Network will be disconnected,
Check the product showing part for register completion.

WLAN UNIT Setting (Product)

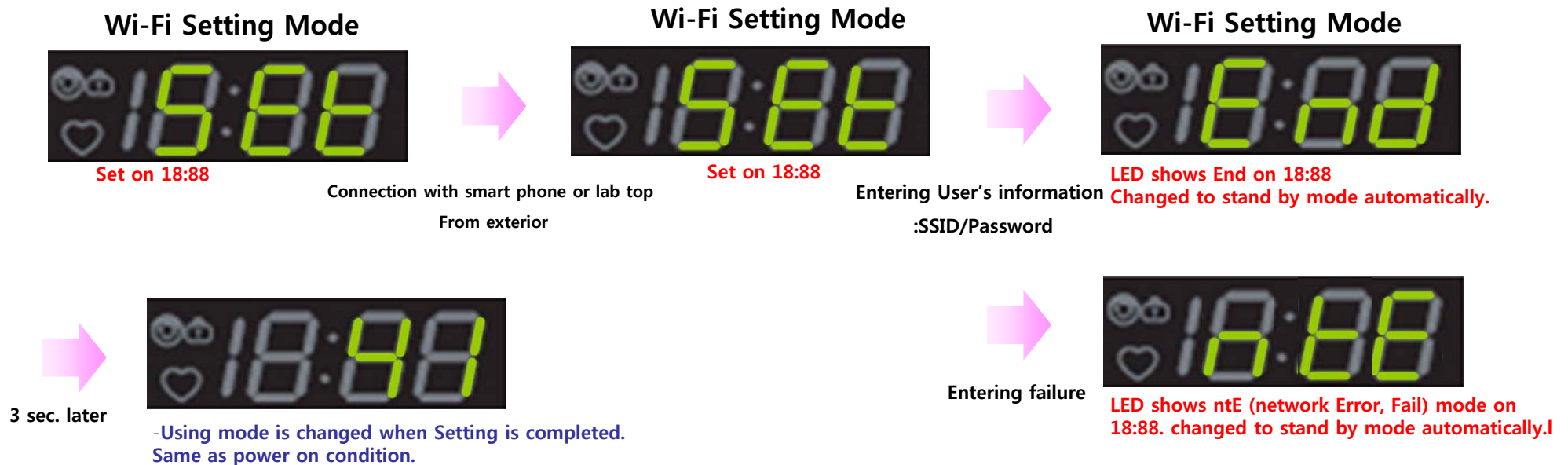


<Wi-Fi Setting for Product (Refer the bottom)>

18:88 shows Error type when it is failed, or Set mode entering has canceled without any setting (Cancel in Web or App)

<WLAN UNIT Setting and Reception check>

- User contacts the Setup mode and save the SSID/Password and user's information for product registration.
- Enter Wi-Fi Setting Mode after pushing Time Delay or Delay Wash (W) / Time Dry for 3 sec.
- Pushing Long Key(product button is not operating at this condition) shows Wi-Fi condition(L0(Unconnected), L1,L2,L3(connection intensity) displayed on 18:88). If WLAN UNIT is not installed, nothing is on the 18:88 while the operation.



Victor Panel



Smart Grid Function Application



<Function Definition>

- electric product is operating with DR Signal from electric Power company(Hyb, Cloud included).
- Follow AHAM standard.
- DR Signal Acceptable with Smart On button activated and Modem is in.
- When DR signal is in, receive DL/SR separately(Duration time >10 : DL else SR), with this signal product is operating Delay Start and Energy Save motion by itself. But for this product, do not guide to customers



1. Place **Smart on**(provisional)button (Long Key(more than 3 sec.) of Signal button) and Smart on LED on the product Panel.
2. **Check Modem is in**, push the smart button, then **Smart On LED turns on**. If Modem is not in, Smart On LED **never turns on** when pushing Smart On Button.
3. **Inner Algorithm(Smart Grid related signal processing, AHAM based)** is same as Rocky2 TFT LCD standard.
4. **Modem Reset** function is needed and can be defined as below.
With Power On, **Operate with Wi-Fi Setting Key + pushing signal for more than 6 sec.**
rSt(reset) on 18:88 and blink, show End when completed.
If rSt and End is within 1~2 sec., rSt blinks when Reset has done normally.
After completion, it doesn't go off before customer sets "power off". When this status continues for 4 min., it goes off automatically like product's basic operation.
If Wi-Fi Modem is not in, it may not enter to Modem Reset Mode.

Victor Panel



Smart Diagnosis



Final saved Diagnosis factor sends to server when pushing the Smart Diagnosis button(Washing machine: water temp. dryer: temp.)

In case of Audible, information of 1 cycle only will be sent because of time restraint(sending takes about 15 sec.)

Wi-Fi also send the final saved diagnosis factor to server.

- Function Definition by detailed using Scene will be identified after additional consulting. Application will be also identified after additional consulting.
- Wi-Fi also can check.



<Function Definition>

: Access and Adapt is available after WLAN UNIT Setting completion.

In case of going out or getting to work after operating Washing Machine,
Smart Phone can power off or monitor washing machine.

< Function Application >

1. Smart Remote Control Function Definition

1-1. Power On/Off Function Definition

1-1-1. Power On : Power can not be On under any circumstance from exterior.

1-1-2. Power Off : Power off possible in case of machine on, reservation set & cycle operated.

1-2-3. Notice Service

After starting cycles, notice the progress of washing cycle through Push message, and send washing completion message when cycle starts and ends.

2. Smart Remote Control Monitoring Function : washing machine's real time operating progress can be checked from exterior



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 UNDERSIRED OPERATION.

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 generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio Communication. 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 or more 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 oircuit difference from that to which the receiver is connected.
- Consult the dealer of an experienced radio/TV technician for help.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.