

# SMART UNDERRANGE

## INSTRUCTION MANUAL

• Model Name : U-AC1700G (Smart Under Range)

### BE SURE TO READ THE INSTRUCTIONS AND USE THE PRODUCT

- Caution for safety is the contents for keeping user's safety, preventing property loss etc.
- Please be sure to read this manual and use correctly
- This products is made to be used in the US and Canada only and the quality is not quar-  
anteed in the foreign countries.

## 1. FCC NOTIFICATION

### ※ Precautions

FCC Caution: A user's operation right may be invalidated if the device is changed or altered without any express consent or approval by a compliance officer. The said device complies with the Clause 15 of FCC Regulation. Operations may vary subject to the following two conditions:

- The relevant device causes no harmful interference.
- The relevant device must accept all received interferences including the interference causing an unwanted operation.

Products sold in the US and Canada must use only channels 1 ~ 5. Other channels cannot be selected.

FCC Statement: Determination has been received that the relevant device complies with a restricted regulation on Class B digital devices through tests according to FCC Regulation Clause 15. The said restriction has been designed to provide a rational protection against harmful interference when installed at residential areas.

The relevant device may generate, use and emanate radio frequency energy and may cause harmful interference to radio communications if not installed and used according to the guidelines. However, there is no guarantee that no interference will be generated from a particular installation. When harmful interference is caused by the relevant device to radio reception or TV reception capable of ascertaining the turn-on and re-turn-on, it is preferable that the operator try to solve the harmful interference by performing one or more of the following actions:

- Change of direction or position of receiving antenna;
- Increasing the separation between the device and receiver;
- Connection of device to electric outlets on circuits different from radio or TV; and

- Request of assistance to dealers or skilled radio/TV technicians.

FCC Radiological Exposure Declaration: The relevant device observes the FCC restriction of radiation exposure established relative to uncontrolled environments.

UC-SS The relevant device must be set and operated by allowing a distance between a radiator and human body to be 8 inches (20cm) at the minimum. The relevant device and the antenna are not allowed to be disposed or operated along with other antennas or transmitters.

U-AC1700G (Smart Under Range) This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment

## 2. Important Notification: Radio Interference

The relevant device has been made to be compliant through inspections, and observes the restriction to class B digital devices under Article 15 of FCC Rules. The said restriction has been designed to provide a rational protection from harmful interference when installed at residential areas.

The relevant device may generate, use and emanate radio frequency energy, and may cause harmful interference to radio communication if not installed or used according to the guidelines.

However, there is no guarantee that the interference is not generated under a particular installation. When the present device causes harmful interference to radio reception or TV reception (ascertainable by turn-off and re-turn-on of the device), the operator is preferred to seek to solve the interference using one or more of the following methods:

- Change direction or position of radio and/or TV receiving antennas;
- Increase a distance between the relevant product and the radio or TV receiver; and
- Connect the relevant product to an electric outlet or circuit separate from that of radio or TV receiver.

## CAUTIONS FOR SAFETY

- Change direction or position of radio and/or TV receiving antennas;
- Increase a distance between the relevant product and the radio or TV receiver; and
- Connect the relevant product to an electric outlet or circuit separate from that of radio or TV receiver.

### 3. Precautions for Safety

**Proper Installation :** A qualified technician shall correctly install and ground the device according to the latest edition of US National Electrical Code ANSI / NFPA No. 70 AND all local regulation requirements.

Unless specifically recommended in the relevant manual, avoid partial repairs or alterations to the product. All services must be relied on qualified technicians.

Remove all tapes or wrapping paper. Dispose of boxes and vinyl envelopes after unpacking the product package.

- Avoid allowing children to use the packaging materials.

The safety aspect of relevant device is compliant with recognized technical standard.

The operator must know methods of interrupting the device power from the circuit breaker or fuse box when in emergency. Mark the circuit breaker or fuse for identification and quick action, if necessary.

Fig.1



Fig.2



Fig.3



Avoid repairing or replacing the product. All services must be performed only by qualified technicians in order to avoid any injuries or damage to the product. **Fig.1**

Avoid remodeling or changing the configuration of device, including, but not limited to, removal of panel, electric wire cover or permanent parts of product.

**Storage on the device :** Avoid storing inflammable materials near or on the cooking surface. This includes recipe books, plastic products, towels, paper or inflammable liquid, plastic and cloth items. Avoid storing explosives such as aerosol cans on the product. **Fig.2**

- The inflammable materials may explode to cause fire or property damage.

Don't leave the children alone. Don't leave the children alone or unattended at a place where the device is used. The children shall not sit or stand on any part of the device. **Fig.3**

## CAUTIONS FOR SAFETY

※ Before operation of device, read, comprehend and follow all contents of guidelines in order to prevent the risks of fires, electric shocks, injuries or damages.

※ The relevant guidelines do not deal with all conditions that may be generated.

☞ Always contact the service managers or manufacturers for incomprehensible problems.

### What to know about safety guidelines

Warnings and important safety guidelines in the relevant manual do not deal with all conditions and circumstances that may be generated. It is the operator's responsibility to be cautious and pay attention to general common senses and danger when the product is installed, maintained, repaired and operated.

Avoid using the product for heating or warming cabins or rooms.

The qualified technicians shall properly install the device.

- The manufacturers, vendors or qualified persons shall replace the damaged electric cord sets with ones (AWG-12) provided or recommended by the manufacturers lest danger be generated when the electric cords are damaged (Caution – Noncompliance thereof may lead to the risks of fires and electric shocks). **Fig.4**
- Unless otherwise permitted by safety managers, physically, sensibly or psychologically-impaired persons or knowledge-insufficient persons (including children) shall not use the device.

Avoid placing spoons or other magnetic substances on a table where the device is installed. These stuffs may grow hotter to cause burns. **Fig.5**

### Electric Safety

Use only the power supply cords supplied with the product. The product shall be repaired only by the qualified service technicians. Repairs by unqualified individuals may cause injuries or serious erroneous operations. Contact the vendors or service centers for product repairs. Noncompliance thereof may cause damage to the product or nullify the warranty. **Fig.6**

In case the device is erroneously operated, disengaged from table or damaged:

- Pull out the power cord from AC wall electric outlet.
- Check and inquire with the service center.

**Fig.4**



**Fig.5**








**Fig.6**



## CAUTIONS FOR SAFETY

This safety instruction shall be complied to use product correctly for preventing risk or property damage beforehand.

※ This instruction includes "**WARNING**" and "**CAUTION**", which have meanings as below:

-  **WARNING** : If user does not observe warning instruction, it may cause death or serious injury.
-  **CAUTION** : If user does not observe to caution instruction, it may cause injury or property damage.
-  **HAZARDOUS VOLTAGE** : If user does not observe to caution instruction, it may cause risk of an electric shock.
-  This sign means compulsory instruction, which must be observed.
-  This sign means prohibition, which must not be done.

### Warnings in use of product

- ※ **Product must be installed under table according to installation instruction.**
  - ☞ If product is used on table or installation instruction is not observed, it may cause fire or product damage.
- ※ **Be sure to check whether water or contents are present inside the cooking container.**
  - ☞ Heating empty containers can cause product distortion, table damage, burns, and fire.
- ※ **Product shall be installed under table where no metallic material or magnetic exists.**
  - ☞ Magnetic field affects downward and it may cause fire or burn.

Fig.7




Fig.8



Fig.9



 **Do not use damaged power cords, plugs, or loose receptacles. Be sure to check if they are 120Vac before using them.** **Fig.7**

- ☞ It may cause electric shock or fire.
- ☞ It may cause product failure.
- ☞ When product cord is damaged, do not use product and call our A/S center.

 **Do not pull out the cord area to remove or do not touch with wet hand.** **Fig.8**

- ☞ It may cause electric shock or fire.

 **Do not extend power cord.** **Fig.9**

- ☞ If multi-tap is used or if product is used with other devices or power cord is extended, it may cause electric shock or fire.
- ☞ Using transformers can cause electric shock and fire, and different voltage/frequency/static current conditions can cause electric shock and fire.

## CAUTIONS FOR SAFETY

Fig.10

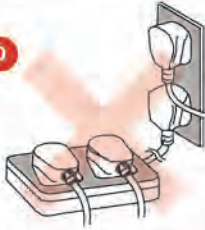


Fig.11



Fig.12



- ⊗ Do not bend, pull, twist or bind power cord excessively. Also do not put power cord on metal part or do not put heavy object on power cord or do not insert into gap or backside of product.**

  - ☞ It may cause electric shock or fire.
- ⊗ Do not install product near heating object or object which is weak to heat, place where too much moisture, oil or dust exists, or under direct sun light, wet(rain) area or area where gas leaks.**

  - ☞ It may cause electric shock or fire.
- ⊗ Do not connect several plugs to power outlet. Fig.10**

  - ☞ It may cause abnormal heating or fire.
- ⚠ Unauthorized disassembly, repair or modification must not be permitted. Fig.11**

  - ☞ It may cause electric shock, injury or fire.
- ⬇ Insert power cord into power outlet firmly.**

  - ☞ If it is not connected firmly, it may cause fire.
- ⊗ For cleaning, do not use thinner or benzene.**

  - ☞ Using thinner or benzene for cleaning product may cause discoloration of product or damage on surface, and it may cause fire.
- ⚠ In the event the surface of class top cracked, turn off power switch and then contact our service center.**

  - ☞ It may cause electric shock or injury.
- ⊗ Do not store or use combustible spray or flammable material near the product.**

  - ☞ It may cause fire or explosion.
- ⚠ Unauthorized disassembly, repair or modification must not be permitted. If required, product case shall be disassembled by authorized service person. Fig.12**

  - ☞ The high voltage electricity inside product case causes electric shock and fire.
  - ☞ User may be exposed to radio wave energy.
  - ☞ When service is required, please contact our service center.

## CAUTIONS FOR SAFETY

**Smart Under Range may make noises as below, however such noises are normal phenomenon.**

- ☞ "Buzz" sound from cooling pan.
- ☞ "Tick-tick" sound during heating cookware which has multi-plated bottom.
- ☞ "Buzz" or "chi-jik" sound when product is operated in high output.
- ☞ "Tick-tick" sound when product is in warming function or operated low output below 5 stages.

**Do not leave during cooking, or it may cause fire.**

**⚠ Cautions in use of product**



**⊗ Do not install product in unstable place or excessively vibrated place.**

- ☞ Product may be damaged and user may be injured.

**⊗ When there is noise from power cord or electric outlet, disconnect power cord from electric outlet and then call to our service center.**

- ☞ It may cause electric shock or fire.



## CAUTIONS FOR SAFETY

- ⊗ **Do not place metal such as knife, fork, spoon or lid on the fire place of the table where Under Range is installed.**

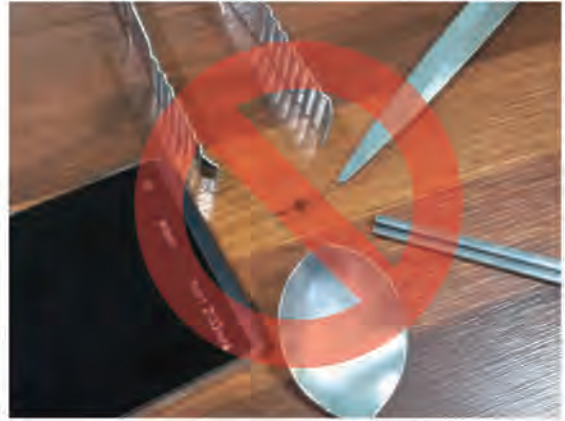
☞ It may cause table damage, injury or fire.

- ⊗ **Do not warm the food excessively.**

☞ It may cause fire.

- ⊗ **When warm the food which is packed in plastic or paper container, special care is required for preventing fire.**

☞ It may cause fire.



- ⊗ **Do not use aluminum foil, metallic material or gold or silver-lined container.**

☞ It may cause flame or fire.

- ⊗ **If the user equips artificial heart or medical devices inside body, please consult medical doctor before use this product.**

☞ Using his product may affect to such medical devices. Keep more than 30cm distance in use.

- ⊗ **Do not use this product in wet area such as sink top or bathroom or near chemical product.**

☞ It may cause electric leak or electric shock.

- ⊗ **Do not use in dusty area or near chemicals.**

- ⊗ **Keep distance from electric devices or home appliances.**

- ⊗ **Do not move product while pan or cookware is on.**

- ⊗ **Special care is required when long handle pan is used.**

☞ It may cause product damage or burn.

☞ Stir always during and after cooking.

- ⊗ **Keep product away from children's reach.**

- ⊗ **Make sure to stop the product completely before unplug.**

- ⊗ **Do not use oil pre-heated by other heater (gas range). The oil temperature may raise too high causing fire.**

## WHICH COOKWARE FIT FOR THIS UNDER-RANGE?

### Recommendable cookware

1. Iron enamel or stainless steel pan and cookware are recommendable.
2. Pan with multi plated bottom shall be made with proper material and shape for Under Range.
3. The proper bottom diameter of pan and cookware is more than 12cm less than 26cm.
4. Shabu Shabu, Jjigae and Barbecue dishes are suitable for use with our recommended induction and underrange containers.

※ Smart Underrange is a product developed based on the principle of induction. Therefore, you must use an IH/Induction exclusive container or our dedicated BBQ container for cooking that is marked as recommended by our company.



IH dedicated stainless cookware  
(PEACEWORLD patented product)



Iron enamel cookware  
(PEACEWORLD patented product)



IH Available cast iron pot  
(PEACEWORLD patented product)



An iron container  
(PEACEWORLD patented product)



BBQ cookware for Under Range  
(PEACEWORLD patented product)



BBQ cookware for Under Range  
(PEACEWORLD patented product)



BBQ cookware for Under Range  
(PEACEWORLD patented product)

## WHICH COOKWARE FIT FOR THIS UNDER-RANGE?

### Available but not recommended cookware

- ※ Containers or pots with a diameter of less than 12cm with a bottom of aluminum and copper, or containers with a protrusion of more than 2mm or double base stainless steel pots are prohibited for use in this unit.
- ※ Even containers dedicated to induction are prohibited from being heated for long periods of time, fried containers (cooks) that are heated by adding oil and cooking oil.



All frying containers (cooks) heated by adding oil and cooking oil



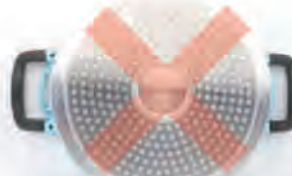
A container (cooking) that is heated for long periods of time



Aluminum cookware with stainless plate of bottom



U-shaped containers on the floor, or other magnetic containers



Product attached with steel plate on bottom



Cookware which can be used induction by spraying iron powder on it bottom

### Unavailable to use, prohibited to use

- ※ Under Range does not work on above cookware, and even if it works safety pad and table may be damaged or cause fire by radiant heat of cookware bottom.



Ceramic or glass cookware on which magnetic field does not work totally

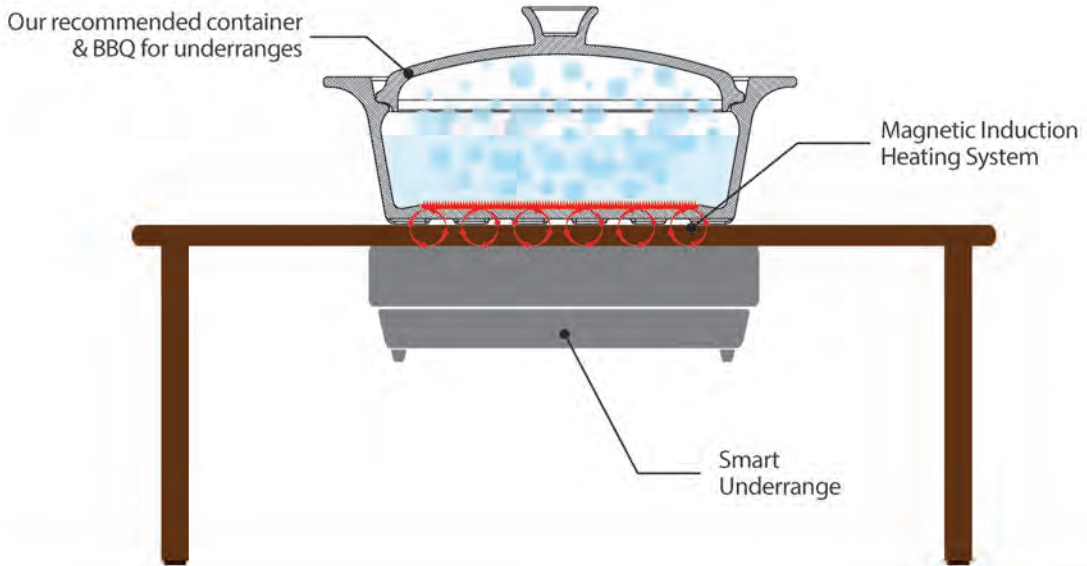


Even though magnetic field works, but cookware which is heated by thermal transfer film or spraying iron powder on bottom side

## HOW UNDER-RANGE WORKS

### IH Magnetic field induced heating method for fast heating

- The magnetic field induction heating method heats only containers, which are faster and better than gas.
- Underrange glass top ~ bottom of cooking container → It can be heated through a distance of 4 to 5 cm.



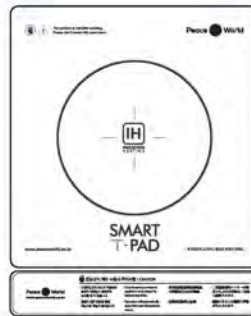
## PRODUCT FEATURES

### Advantage of Underrange

- **Green ECO product** : When heated, no hazardous substances are generated and not exposed to fire hazard.
- **Easy and convenient setup methods** : Can be installed under the table without drilling the table.
- **High thermal efficiency and economy** : High thermal efficiency without heat loss makes it very economical.
- **Reliable reliability** : Made in Korea with domestic patent technology.



## PRODUCT CONFIGURATION AND MAIN FUNCTION



SAFETY PAD / UC-SS

WIRED REMOCON

MODEL	U-AC1700G (Smart Under Range)
VOLTAGE	120 Vac, 60 Hz
POWER	1750 W
SIZE	300mm × 460mm × 82mm
WEIGHT	4.25 kg

※ Induction Cooking Zone (Size 18.5cm)

### The standard sheet of cooking temperature

--	Status of power-off
1Stage ~ 3Stage	It is used when keeping a fixed temperature, enjoying cooking. (function of keeping warm)
4Stage ~ 5Stage	Low temperature : It is used when cooking a small amount.
6Stage ~ 8Stage	Medium temperature : It is used when cooking a large amount.
9Stage ~ 10Stage	High temperature : It is used when cooking roasting dish, stew, soup etc.

※ In case of not operating the product for the following time, it is set up so that power can be automatically off for safety. In case of using for a long time, set up a reserve function of power on again to use.

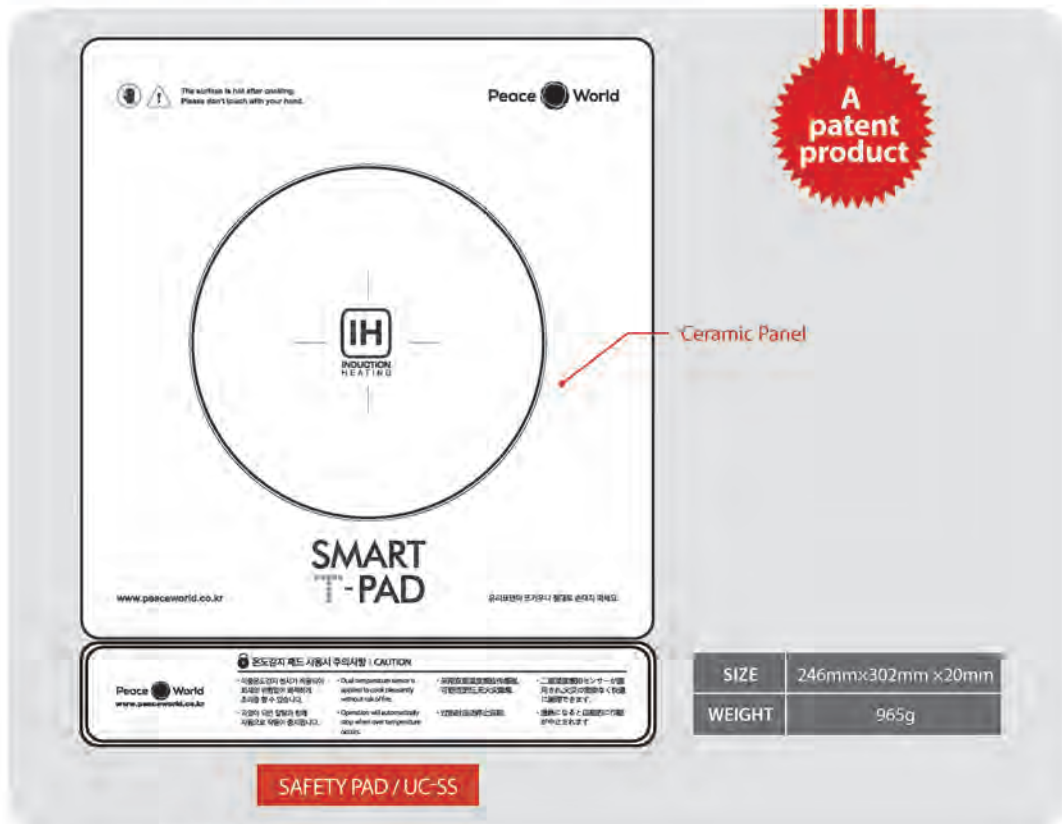
1Stage	In case of not operating for 480 minutes, power is automatically off
2Stage ~ 4Stage	In case of not operating for 240 minutes, power is automatically off
5Stage ~ 7Stage	In case of not operating for 40 minutes, power is automatically off
8Stage ~ 10Stage	In case of not operating for 20 minutes, power is automatically off

※ **For safety reasons, automatic power off is an auxiliary safety device.**

☞ If you leave your seat while cooking, you must turn off the power when you leave.

※ The automatic power off function for cooking temperature and safety can be changed or restricted depending on the model.

## GUIDE TO THE USE OF SAFETY PADS (UC-SS)

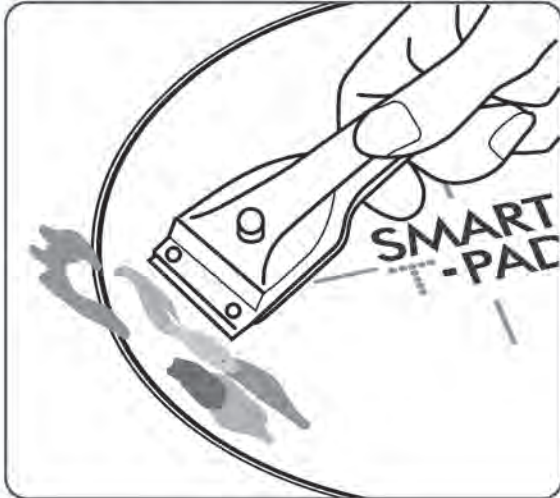


### How to use a safety pad

- The temperature sensor on the pad detects the overheating and wirelessly transmits the overheated condition to the main body.
  - When an overheat signal is received by the main body, operation is stopped and **E8** is blinked.
  - The product does not operate even if the power switch is turned on while the overheating is not resolved.
  - When the overheating is solved, the operation is resumed by wirelessly transmitting the condition.
- When the temperature fuse sensor on the pad detects the excessive overheating, the overheated condition is wirelessly transmitted to the main body.
  - A warning sound is generated from the pad.
  - When the main body receives the overheat signal, the output is stopped and all operations are stopped.
  - Contact the after-sale service center for re-use.
- A warning sound is generated when the battery of pad is in a low voltage, and a sound of "replace the battery" is outputted from the main body when in voice mode.
- Wireless communication between the pad and the main body are made possible if channels thereon are same.
- A warning sound is generated when there is a problem on the temperature sensor, the problem is transmitted to the main body and the main body is not operated until the problem is solved.

## GUIDE TO THE USE OF SAFETY PADS (UC-SS)

### Cleaning method of hardened dirt



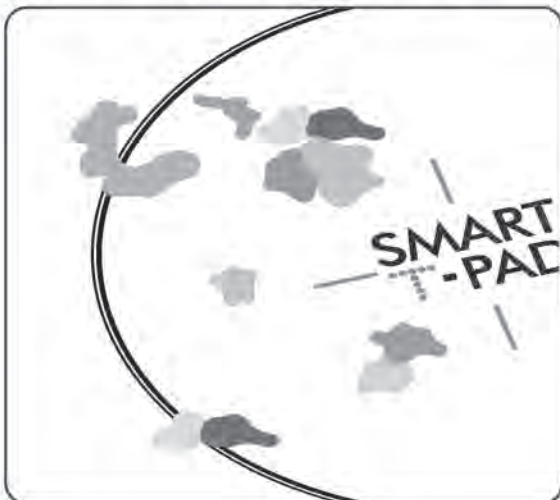
1. Remove the boiled-over clotted food scraps using the glass scraper.
2. Slantly place the glass scraper on the ceramic panel surface or on an area stuck with foreign object.
3. Remove the foreign object by scraping using blades of glass scraper.

#### PRECAUTIONS

- Scratches may be formed on a ceramic panel surface if the ceramic panel surface is scraped with the glass scraper using an excessive pressure.
- Obtain the glass scraper and the exclusive ceramic panel detergent from a company specialized in the relevant detergents.

### Cleaning method of light dirt

1. Clean with the exclusive ceramic panel detergent.
2. Clean the ceramic panel surface or an unclean area with foreign object using a wet cloth.
3. Scrape with a clean dry cloth.
4. Clean the light dirt in the foregoing order.



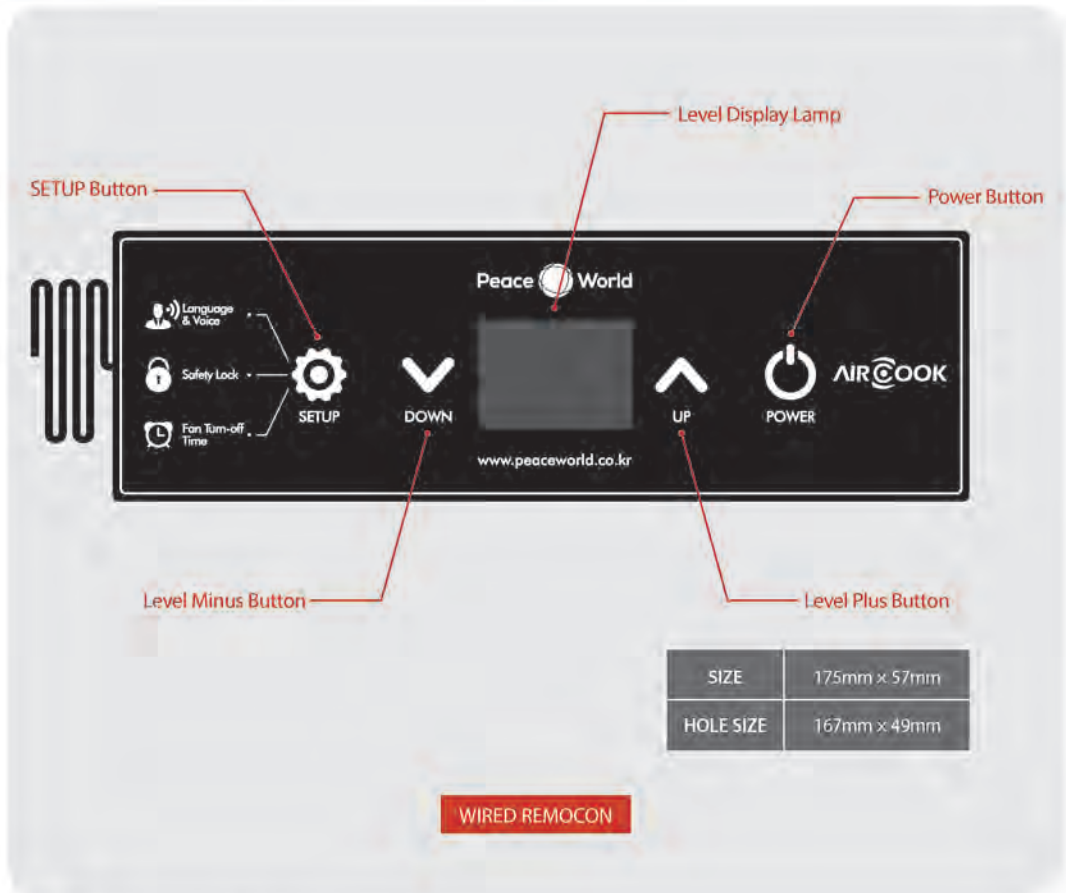
#### WARNING

There is a risk of burning if used with a glass scraper when the ceramic panel surface is still hot.

#### PRECAUTIONS

- Scratches or blemishes generated on the ceramic panel surface cannot be removed because of rough-bottomed cooking utensil. However, there is no problem at all in using the product.
- Remove immediately the melted sugar and plastic or foreign objects such as aluminum and foil using the glass scraper when the heat is still thereon.
- Clean the product as usual after ascertaining that the ceramic panel surface is cooled.
- Clean the product after heating again when the foreign objects are stuck on the cooled ceramic panel surface.

## GUIDE TO THE USE OF WIRED REMOCON



### Power Button

As a main power button of the product, it is used when powering on and off.

#### ★ How to turn on the product

- ☞ When pressing Power button more than 1 second, "--" displays on LED display and converts to Standby.
- ☞ When pressing Power button again while in Standby, "Output Level" displays on LED display and converts to Operation mode. (Prevents not intended operation by children or pets.)
- ☞ **While in Standby**, it automatically turns off if Power button is not pressed within **10 seconds**.



### Level Plus Button

It is used when increasing temperature.



### Level Minus Button

It is used when reducing temperature.



### SETUP Button

Use to set voice, lock and unlock, and timer.



### Level Display Lamp

When cooking, it displays the set temperature.

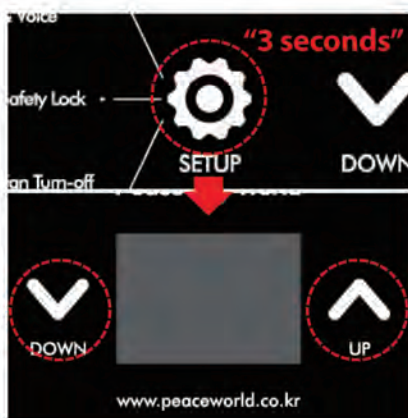


## GUIDE TO THE USE OF WIRED REMOCON




### Set Safety Pad

- \* The Smart Underrange is set to operate normally when the enclosed safety pad is placed on the table.
- \* If the pad is lost or damaged, it can be set to use without a safety pad.
- \* In this case, you should use a pad that can withstand the heat to prevent damage to the table, and never leave the place during cooking.

### How to set and operate Each Function

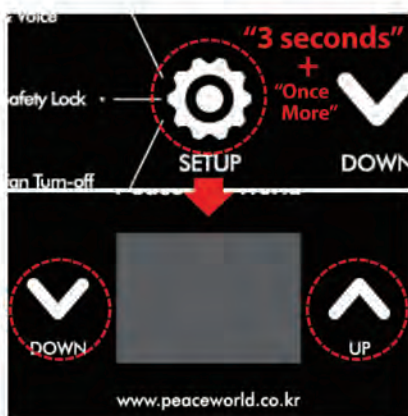


**Fig.1 Set Safety Pad**




- ☞ When the device is turned off, Press and hold the  button for 3 seconds.
- ☞ Use  or  button to change the set value to desirable value between P0 ~ P1.



The Smart underrange operation is possible only with a safety pad. (It is recommended to use underrange after setting up P1.)



**Fig.2 Set volume**





- ☞ When the device is turned off, Press and hold the  button for 3 seconds. The safety pad setting mode is displayed in the LED window as shown in the figure. Press the  button again to display the current sound value as shown.
- ☞ Use  or  button to change the set value to desirable value between 0 ~ 5.



## GUIDE TO THE USE OF WIRED REMOCON







**Fig.3 Set language guidance**

- ☞ When the device is turned off, Press and hold the  button for 3 seconds. The safety pad setting mode is displayed in the LED window as shown in the figure. Press the  button 2 times to display the current language mode as shown.
- ☞ Use  or  button to change the set value to desirable value between 1~4



**Fig.4 Set FAN OFF Time**





- ☞ When the device is turned off, Press and hold the  button for 3 seconds. The safety pad setting mode is displayed in the LED window as shown in the figure. Press the  button 3 times to display the current fan operating time as shown.
- ☞ Use  or  button to change the set value to desirable value between 1 ~ 9.
- ☞ Step 0 is to stop the fan at the same time when the power is turned off.  
Value multiplying 5 seconds to the set number becomes fan operation time after Power turns off.  
( Step 1 = 5 seconds / Step 9 = 45 seconds)



## GUIDE TO THE USE OF WIRED REMOCON



**Fig.5 Set communication channel**

- ✘ Because the channel setting function prevents simultaneous operation of two or more instruments, use one machine as a shipped channel whenever possible.
- ☞ When the device is turned off, Press and hold the  button for 3 seconds. The safety pad setting mode is displayed in the LED window as shown in the figure. Press the  button 4 times to display the current fan operating time as shown.
- ☞ Use  or  button to change the set value to desirable value between 1 ~ 99.






**Fig.6 Rreset a channel**

- ☞ If the Smart Under Range does not work even if you operate the remote control, you must reset the channel as shown below
- ✘ Press and hold the  button and the  button simultaneously for 1 seconds.
- ☞ The reset is complete with channel number 1 set at the factory as shown.



**Fig.7 To turn on the lockout function**

- ☞ When the machine is switched off and the  button is pressed and held for 5 seconds, the lock mode is set as shown. Press and hold the  button again for 5 seconds to disengage the lock mode.

- Pressing the  button and reaching 3 seconds, the General Settings (Safety Pad Settings) screen appears. At this point, press and hold the  button to activate the lock setting function.
- If you release from the normal setting, you must hold for 5 seconds to enter the lock function setup mode.

## PRODUCT INSTALLATION

### **Must-check item before installation**

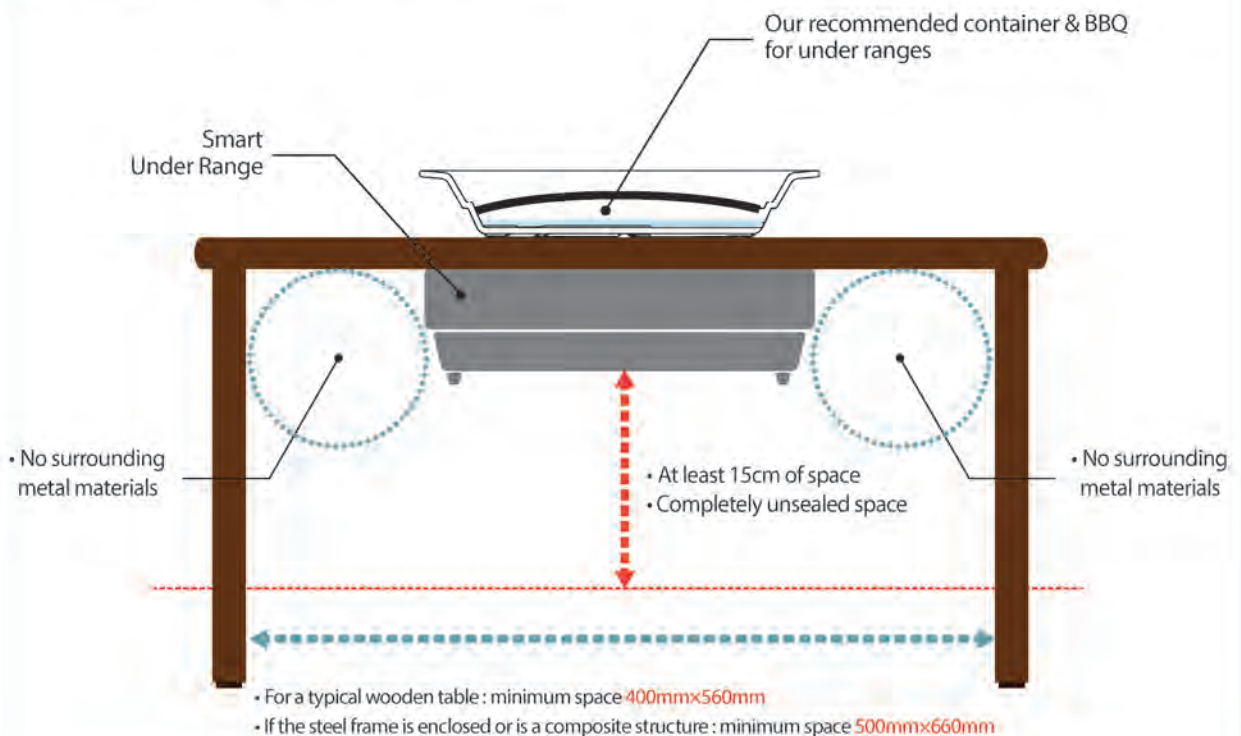
#### Space required for product installation

- The model operates on single phase, 120V, 60Hz and a dedicated ground AC power supply.
- The model must accept all interference received, including interference that causes undesired operation.
- 1cm to 2.5cm thick on the table and the counter where the model is to be installed is recommended.
- If the thickness of the table and the counter exceeds 3cm, placing the table surface protection pad may be out of the heating range.

### **Warnings in use of product**

- ※ **If there is magnetic material at the bottom of the installation site, there may be a fire caused by heating, so at least 15cm must be available at the bottom of the installation. Also, do not install the cooling fan of the product in a fully sealed space for operation.**

#### ※Space required for product installation



## PRODUCT INSTALLATION

### ⚠ Must-check item before installation

※ If the thickness of table is more than 2.5cm, it is hard to use our BBQ plate and the efficiency may be lower in general cooking.

If available, Table with 2cm thickness is recommended.

※ The place for product installation shall be well ventilated with no flammable material around.

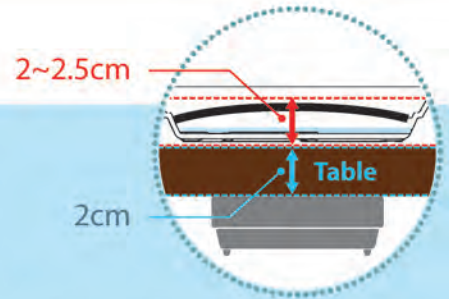
☞ Do not install closed space such as inside of sink.

※ There shall be no metallic material under table and place for product installation.

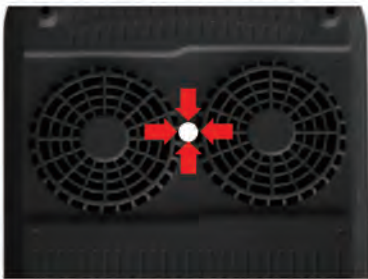
☞ If there is metallic material, distance shall be kept from product.

※ If available, do not install in dusty or humid area.

※ After installation, do not stack up objects under product.



### 1. Installation on wooden table



**Fig.1** It is the center indicated between pan and pan on bottom of Under Range.



**Fig.2** Measure width x length of table, and then place Under Range on the desired location referring to center point.



**Fig.3** Stick bracket to side of Under Range, and then fix screws on 4 points with screw driver.

## PRODUCT INSTALLATION



**Fig.4** Install and fix component (mount) at opposite side of power cord of Under Range, and then fix power cord with cable tie once more.



**Fig.5** Position and secure the wired remote control anchorage on the edge of the table. (Fig. Above)

Alternatively, position and secure the wired remote control in the other position. (Fig. Below)



TOUCH RIMOCON (Front Side)



TOUCH RIMOCON (Back Side)

## PRODUCT INSTALLATION



**Fig.6** After fixing of control plate at table edge, organize lines with enclosed accessory and finish installation.



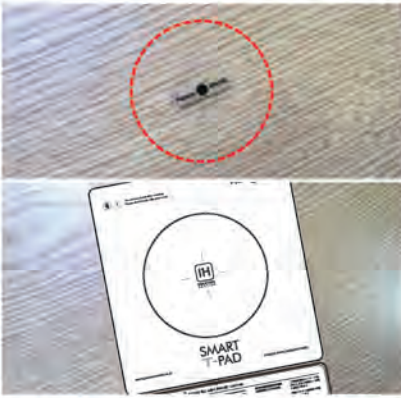
**Fig.6** Tip for attaching center sticker

- ☞ Place pad at right place referring to width and length.
- ☞ Boil water using cookware which has wide bottom and check if water boils entirely.
- ☞ Remove cookware and pad, and attach enclosed sticker at the very place.



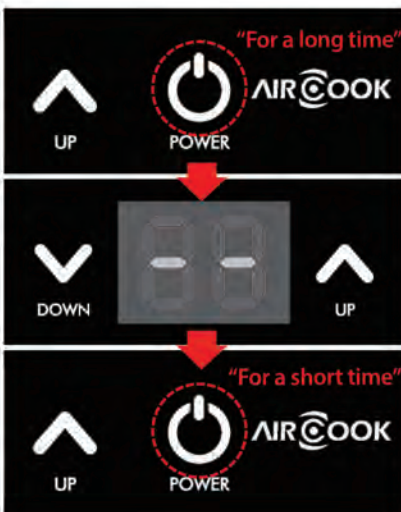
## INSTRUCTION TO USE PRODUCT AND CAUTIONS

### 1. Instruction to use product



**Fig.1** Place enclosed safety pad aligning to the center of heating zone.

Place cookware on safety pad.



**Fig.2** Press power long -- and check the state and then press power once more.

Now, if EA message is shown, it indicates there is no safety pad or safety pad is placed at wrong place, and if E1 message is shown it indicates that there is no cookware or it is not the cookware for induction.



**Fig.3** Easy cooking by down-up button



**Fig.4** Do not leave while cooking, and power must be off after cooking. Overheated cookware may cause table damage or fire.



## INSTRUCTION TO USE PRODUCT AND CAUTIONS

### 2. Caution in use



**Fig.1 Do not leave while cooking.**

☞ Overheated cookware may cause table damage or fire.



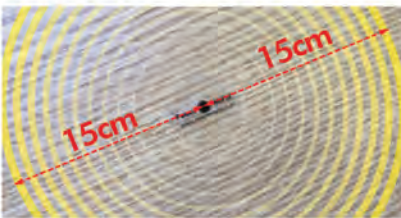
**Fig.2 Do not put and heat magnetic such as mobile phone on safety pad.**

☞ In case of using product under reset mode of safety pad, do not put and heat magnetic such as mobile phone or spoon on table around Under Range heating zone, or it may cause fire.



**Fig.3 Do not take up and down of cookware with hand.**

☞ It may cause product failure and burn.



**Fig.4 Do not place metallic object within a radius of 15cm from center of induction heating zone in cooking.**

☞ It may be heated with cookware together causing fire and burn.



**Fig.5 For BBQ cooking, make sure to use cookware designed for BBQ.**

**Do not cook BBQ using cookware made with cast iron.**

☞ Excessive rise in temperature may damage on safety pad as well as causing fire.



**Fig.6 In case of cooking with glass and jar cookware using steel pad, it shall be placed inside of cookware.**

☞ If it is used placing outside, it may cause fire.

## CHECK POINTS OF UNDERRANGE

\* In case of product trouble, please check following phenomenon:

PHENOMENON	ACTION TO BE TAKEN
<p>「Beep - - -」 sound when plug in, yet LED lamp is not turned on.</p>	<ul style="list-style-type: none"> <li>* Check if plug is correctly inserted.</li> <li>* Check if auto button or safety line is cut.</li> <li>* Check if it is power failure.</li> </ul>
<p>Underrange sounds 「Beep - - -」 and <b>E1</b> is displayed in LED lamp.</p>	<ul style="list-style-type: none"> <li>* Check if the thickness of table and used cookware fit to this product.</li> <li>* Check if cookware is placed at the center.</li> <li>* Check if fry pan is out of the center of heating zone. (After use of fry pan, do not place at the center of heating zone.)</li> </ul>
<p>Underrange sounds 「Beep - - -」 and <b>E2</b> is displayed in LED lamp.</p>	
<p>Underrange sounds 「Beep - - -」 and <b>E3</b> is displayed in LED lamp.</p>	
<p>Underrange sounds 「Beep - - -」 and <b>E4</b> is displayed in LED lamp.</p>	
<p>Underrange sounds 「Beep - - -」 and <b>E5</b> is displayed in LED lamp.</p>	<ul style="list-style-type: none"> <li>* If same phenomenon occurs even after restart of Under Range, call A/S.</li> </ul>
<p>Underrange sounds 「Beep - - -」 and <b>E6</b> is displayed in LED lamp.</p>	
<p>Underrange sounds 「Beep - - -」 and <b>E0</b> is displayed in LED lamp.</p>	
<p>Underrange sounds 「Beep - - -」 and <b>EA</b> is displayed in LED lamp.</p>	<ul style="list-style-type: none"> <li>* Check if pad is designed for this product.</li> <li>* Check the state of P1 P0 through down button.</li> </ul>

## CHECK ITEMS BEFORE CALL FOR SERVICE

### Before call for service

- When you find product trouble, please check once before service call.
- Following phenomenons are not product failure, so please read manual carefully and fully understand the instruction.
- For the error shown in indication window, take corrective action according to the check points of Under Range in page 25.

PHENOMENON	CHECK POINT	ACTION TO BE TAKEN
<b>Display is not on</b>	<ul style="list-style-type: none"> <li>* Is the circuit breaker in your house cut down?</li> <li>* Is your power 120Vac?</li> </ul>	<ul style="list-style-type: none"> <li>* Check the circuit breaker, call service person.</li> <li>* This product is dedicated to 120Vac, so please check if the power is 120V.</li> </ul>
<b>Product does not work even though button is pressed.</b>	<ul style="list-style-type: none"> <li>* Have you turn on by power button?</li> <li>* Is power off?</li> </ul>	<ul style="list-style-type: none"> <li>* Press power button to turn on.</li> <li>* When power is on and no button is pressed for certain time, power is off automatically.</li> </ul>
<b>Control part does not work suddenly.</b>	<ul style="list-style-type: none"> <li>* Is power off?</li> </ul>	<ul style="list-style-type: none"> <li>* Power may be off due to power failure or by safety device. Turn on power again.</li> </ul>
<b>When power is off, cooling fan runs continuously.</b>	<ul style="list-style-type: none"> <li>* Isn't it long after power off?</li> </ul>	<ul style="list-style-type: none"> <li>* Cooling fan runs for certain time after power off in order to cool down inside of product. When cooling is completed, cooling fan stops, too.</li> </ul>

※ If product does not work normally even though above check and corrective action have been taken, please contact PEACEWORLD service center (+82-2-529-5954).

## PRODUCT WARRANTY CERTIFICATE

PEACEWORLD will repair or replace your product, at PEACEWORLD's option, if it proves to be defective in material or workmanship under normal use, during the warranty period set forth below, effective from the date of original consumer purchase of the product. This limited warranty is good only to the original purchaser of the product and effective only when used in U.S.A

Warranty Period	What is Covered
<p><b>One year from date of original purchase</b></p>	<p>Any part of the cooktop which fails due to a defect in materials or workmanship. During this full one year warranty, PEACEWORLD will also provide, free of charge, all labor and in-home service to replace the defective part.</p>
<p><b>Five years from date of original purchase</b></p>	<p>A replacement glass cooktop if it should crack due to thermal shock and crack at the rubber seal between the glass cooktop and the porcelain edge. A replacement induction surface unit if it should fail. During this limited additional four-year warranty, you will be responsible for any labor or in-home service.</p>

Please retain dealer's dated bill of sale as evidence of the date of purchase for proof of warranty, and submit a copy of the bill of sale to the service person at the time warranty service is provided.

Please call 82-2-529-5954 and choose the appropriate option to locate your nearest PEACEWORLD Authorized Service Center. Or visit our Website at <http://www.peaceworld.co.kr>

**THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. PEACEWORLD WILL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS, IN CONNECTION WITH THE PRODUCT. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.**

**THIS LIMITED WARRANTY DOES NOT APPLY TO :**

1. Service calls to correct the installation of your appliance, to instruct you how to use your appliance, to replace house fuses or correct house wiring, or to replace owner-accessible light bulbs.
2. Repairs when your appliance is used in other than normal, single-family household use.
3. Pickup and delivery. Your appliance is designed to be repairable in the home.
4. Damage resulting from accident, alteration, misuse, abuse, fire, flood, improper installation, acts of God, or use of products not approved by PEACEWORLD Corporation.
5. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
6. Replacement parts or repair labor costs for units operated outside the United States.
7. Any labor costs during the limited warranty period.

This warranty is extended to the original purchaser for products purchased for home use within in USA. In Alaska, the warranty excludes the cost of shipping or service calls to your home. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs or your state's Attorney General.

“

”

## RAISE UP **VALUE OF HAPPINESS** IN KITCHEN SPACE

### USER'S MANUAL AND SERVICE

- If you want to use the product for a long time, please read the manual. After reading, keep it where the user can see it.
- There is a warranty in the manual, so keep it safe to prevent it from being lost. If you lose it, purchase it separately.
- The appearance and specifications of the product may be changed without notice for product improvement.



**WARNING** : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER - SERVICEABLE PARTS INSIDE. REPAIR SHOULD BE DONE BY AUTHORIZED SERVICE PERSONNEL ONLY.

**AVERTISSEMENT** : POUR RÉDUIRE LE RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE, NE PAS SUPPRIMER LA COUVERTURE (OU RETOUR) AUCUN UTILISATEUR - LES PI PARCES DE SERVICE DANS LA RÉPARATION NE DOIVENT ÊTRE FAITES PAR UN PERSONNEL AUTORISÉ SEULEMENT.

### MODEL SPECIFICATION

SORTATION	DESCRIPTION
MODEL	U-AC1700G (Smart Under Range)
VOLTAGE	120 Vac, 60 Hz
POWER	1750 W
SIZE	300mm × 460mm × 82mm
WEIGHT	4.25kg

### CUSTOMER SERVICE

# 1899-5057

**PEACEWORLD Co., Ltd.**

(13026) 76, Hanam-daero, Hanam-si, Gyeonggi-do, Republic of Korea

Tel : +82-2-529-5954 Fax : +82-31-792-7832

[www.peaceworld.co.kr](http://www.peaceworld.co.kr)

Peace  World