

# User Manual

*It's my pleasure to help you!*



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# WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED AND THERE IS NO BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



The lightning flash with arrow-head symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

## CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## IMPORTANT SAFETY INSTRUCTIONS

- 1.) Read these instructions. Keep these instructions. Follow all instructions. Heed all warnings.
- 2.) Do not use this apparatus near water.
- 3.) Clean only with dry cloth.
- 4.) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 5.) Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including amplifiers) that produce heat.
- 6.) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding typeplug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, ask an electrician for replace the obsolete outlet.
- 7.) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
- 8.) Only use attachments / accessories specified by the manufacturer.
- 9.) Unplug this apparatus during lightning storms or when unused for long periods oftime.
- 10.) Refer all servicing to qualifide service personal.Servicing is required when the apparatus has been damage in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 11.) Use only with the cart, stand, tripod, bracket, or tabel specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.



- 12.) The AC adaptor must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on apparatus.
- 13.) The AC plug is used as a disconnect device and it must remain readily accessible during intended use. In order to disconnect the apparatus from the AC power completely, the AC plug must be removed from the AC outlet completely.
- 14.) The battery must not be exposed to excessive heat such as sunshine, etc.  
**CAUTION:** *Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.*

## PREPARATION FOR USE

### Unpacking And Set Up

- Remove the radio from the carton and remove all packing material from the radio. Save the packing material, if possible, in case the radio ever needs to be serviced or transported. The original carton and packing material is the only safe way to pack your radio to protect it from damage in transit.
- Remove any descriptive labels or stickers on the front or top of the cabinet. Do not remove any labels or stickers from the back or bottom of the cabinet.
- Note the serial number on the bottom of your radio and write this number in the space provided on the Warranty page of this manual.
- Place your radio on a level surface such as a table, desk or shelf, convenient to an AC outlet, out of direct sunlight, and away from sources of excess heat, dirt, dust, moisture, humidity, or vibration.
- Unwind the Line cord connecting the AC adapter and extend it to its full length. The FM antenna is built in to this cord. It must be fully extended to provide the best FM reception.

### Protect Your Furniture

This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

### Power Source

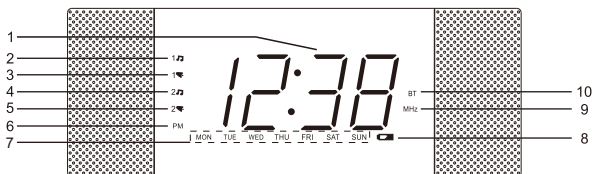
This radio is designed to operate on normal AC Power Source. For North America, it works only under 120V 60Hz, For Europe, it works only under 220V-240V. Do not attempt to operate the radio on any other power source. You could cause damage to the radio that is not covered by your warranty. This radio should be connected to an AC outlet that is always 'live'. Do not connect it to an outlet that is controlled by a wall switch. When the power to the radio is interrupted, the built in lithium battery takes over to maintain the time and alarm settings. To maximize the life of the lithium battery keep the radio connected to a 'live' AC outlet at all times.

# IMPORTANT NOTES

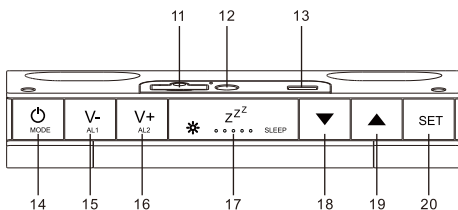
- Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances such as: electric heaters, on top of other stereo equipment that radiates heat, places lacking ventilation, dusty areas, places subject to constant vibration and/or humid or moist areas.
- Operate controls and switches as described in the manual.
- Before turning on the power, make certain that the AC adapter is properly installed.
- When moving the set, be sure to first disconnect the AC adapter.

## LOCATION OF CONTROLS AND INDICATORS

### FRONT PANEL

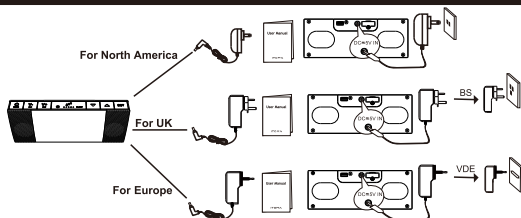


### TOP PANEL



- 1). LED Display
- 2). 1🎵 (Alarm 1 'Radio') Indicator
- 3). 1🔊 (Alarm 1 'Buzzer') Indicator
- 4). 2🎵 (Alarm 2 'Radio') Indicator
- 5). 2🔊 (Alarm 2 'Buzzer') Indicator
- 6). PM afternoon indicator
- 7). Day of Week Indicator
- 8). 🪫 LOW BATT.Indicator
- 9). MHz FM Radio Indicator
- 10). Bluetooth Indicator
- 11). Backup Battery Compartment
- 12). DC Jack input
- 13). USB Charging Port
- 14). ⏻ / MODE Button
- 15). VOLUME - / ALARM 1Button
- 16). VOLUME + / ALARM 2Button
- 17). SNOOZE /DIMMER / SLEEP Button
- 18). TUNE "▼" Button
- 19). TUNE "▲" Button
- 20). SET Button

# OPERATING THE UNIT



Before using your product, read all accompanying safety information!

1. When AC Power Adapter plug into the AC Outlet, Time will be displayed and set automatically.
2. Press " ⏰ / MODE " button to turn ON the clock .
3. Press " ⏰ /MODE " button again to switch the functions: Radio, Bluetooth (BT).
4. FM/BT/OFF press

Note: For North America, it is default to Eastern Time Zone (New York Time)

Note: For UK, it is default to UK Time Zone (London Time)

Note: For Europe, it is default to German Time Zone(Berlin Time)

Note: For Australia, it is default to Australia Time Zone (Canberra)

Note: For Mexico, it is default to Mexico time zone(Mexico City)

Note: For Japan, it is default to Japan time zone(Tokyo)

## DAYLIGHT SAVING TIME SETTING

This clock was preseted Auto DST(Daylight Saving Time) for different countries as below:



PRODUCT CODE	DISPLAY INDICATION	AREA
DE	EU	Europe
NA	US	America/Canada
UK	En	United Kingdom
AU	AU	Australia
CO	Co	Mexico
JP	JP	Japan
OFF	OFF	Turn off DST

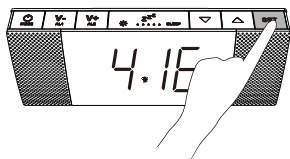
- ① When the product is set to RESET(factory setting), the DST needs to be RESET. Daylight Saving Time Settings can be set in "Time Settings" and can only be used after reset, in the order of hour, minute, year, month, day, 12/24 hours, and DST.
- ② You can also set the DST time by long pressing "▲" until the DST stands for the letter (OFF/EU/US/ EN /AU/ CO /JP) flashing, and then short pressing the "▲" button to switch to your local DST.(OFF means to close Daylight Saving Time; EU stands for Europe; US stands for the United States; EN stands for United Kingdom; AU stands for Australia; CO for Mexico; JP stands for Japan).

## SETTING THE TIME

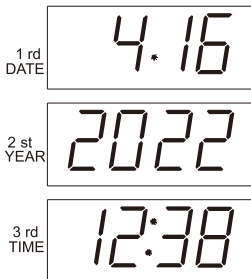
(Turn OFF the clock before setting the time)

### Check the Current Time

Date / Year / Time

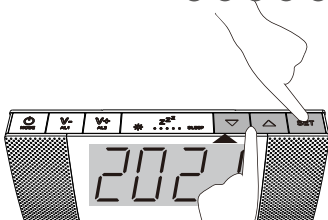


To check the current time and date, press "SET" button repeatedly MONTH, DAY/ YEAR/HOUR, MINUTE.



### Setting the Time Manually

① ③ ⑤ ⑦ ⑨ ⑪ ⑬



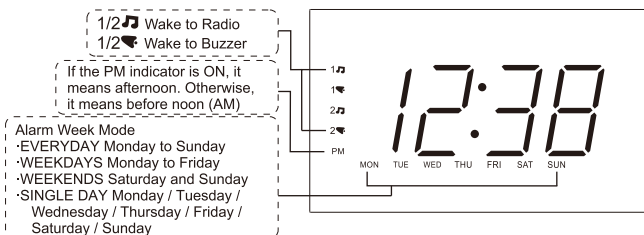
Time → Year → Date → 12/24 H ② ④ ⑥ ⑧ ⑩ ⑫

- ① Press and Hold the "SET" button until the "HOUR" segment will blink.
- ② Press "▼" or "▲" to adjust the hour.
- ③ Press "SET" again, "MINUTE" segment will blink.
- ④ Press "▼" or "▲" to adjust the minute.
- ⑤ Press "SET" again, "YEAR" segment will blink.
- ⑥ Press "▼" or "▲" to adjust the year.
- ⑦ Press "SET" again, "MONTH" segment will blink.
- ⑧ Press "▼" or "▲" to adjust the month.
- ⑨ Press "SET" again, "DATE" segment will blink.
- ⑩ Press "▼" or "▲" to adjust the day.
- ⑪ Press "SET" again, "24H"/"12H" will blink.
- ⑫ Press "▼" or "▲" to 12H/24H.
- ⑬ Press "SET" key to confirm, or wait for 40 seconds to confirm automatically and return to clock mode.

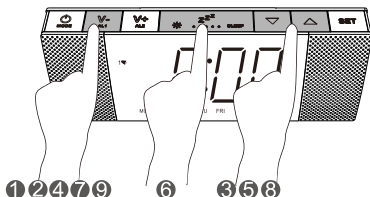
## SETTING THE ALARM

(Turn OFF the clock before setting the Alarm)

Your clock radio had two separate alarms (Alarm 1 and Alarm 2) that can be set and used independently. Please ensure that you have set the wake up time and alarm mode correctly.



### Setting the Wake up Alarm



- ① Press "AL1/V-" button repeatedly to select your wake up mode:  
 "1 " signs ON means Alarm 1 Wake to Buzzer is ON  
 "1 " signs ON means Alarm 1 Wake to Radio is ON  
 Both signs disappeared means Alarm 1 is completely turned OFF.  
 After you had selected the desired wake up mode,
- ② Press and hold the "AL1/V-" button for 2 seconds, the "Hour" of wake up time will blink.

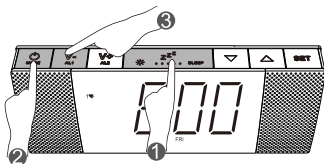


- ③ Press “▼” or “▲” button to adjust the Hour.
- ④ Press “AL1/V-” button again, the “Minute” of wake up time will blink.
- ⑤ Press “▼” or “▲” button to adjust the Minute .
- ⑥ Press “SNOOZE/DIMMER/SLEEP” button to select the alarm day mode:  
 Everyday (Monday to Sunday)  
 Weekend (Saturday and Sunday)  
 Weekdays (Monday to Friday)  
 single day (Monday/Tuesday/Wednesday/Thursday/Friday,  
 Saturday/Sunday)
- ⑦ After you had set the wake up time and day, press the “AL1/V-” button. again, the current volume level will blink.
- ⑧ Press “▼” or “▲” button to adjust your desire alarm volume level.
- ⑨ Press “AL1/V-” to finish the alarm setting, or wait for 40 seconds.



- ⑩ When Alarm goes off, press “AL1/V-” or “⏻ /MODE” button to turn off the wake up alarm.  
 Please follow the above steps for setting the Alarm 2 (by pressing AL2/V+).  
 Gradually Increase Wake up Volume: When alarm goes off, it will begin with minimum level and will gradually increase to your setting alarm volume level.

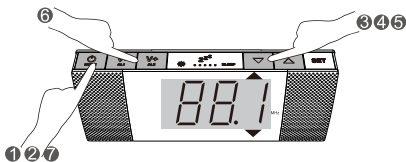
## SNOOZE/REPEAT/STOP THE ALARM



- ① When the alarm goes off, you can press “ zZz ” to delay the alarm for another 9 minutes. 9-minute delay can be repeated within 60 minutes
- ② Whenever the alarm goes off, you can press either “ ⏻ /MODE”, “AL1/V-” or “AL2/V+” button to turn OFF the alarm (AL1 for Alarm 1 and AL2 for Alarm 2). But it will repeat from next time or day.
- ③ If you want to completely turn OFF the setting alarm, you have to press either “AL1/V-” or “AL2/V+” until all the alarm signs OFF from the display.

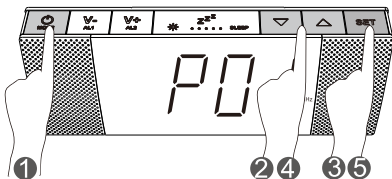
## LISTEN TO THE RADIO

Keep the clock radio away from other electronic devices to avoid radio interference. For better reception, adjust the position of the AC adapter cable.



- 1 Press the "⏻/MODE" button to turn ON the clock
- 2 Press "⏻/MODE" button again to switch the function mode to Radio, last setting radio station with MHz will be displayed on the screen
- 3 Press either "▼" or "▲" to adjust the radio frequency.
- 4 Press and hold either "▼" or "▲" until the clock search the stations itself, release the button then the clock will look for next radio station and stop.
- 5 Keep pressing "▼" or "▲" will speed up the searching but it will not stop until you released the button.
- 6 When you set and listen to the desired station, you can press either "AL1/V-" or "AL2/V+" to adjust the radio volume level.
- 7 By the time when you turned OFF the clock Press "MODE" repeatedly to OFF (FM-BT-OFF), the last station you listened will be the wake up Radio's station.

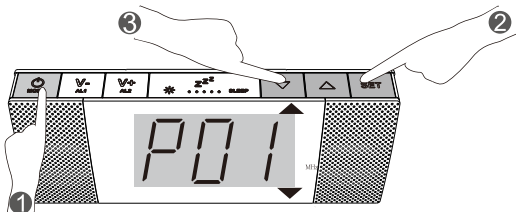
## STORE THE RADIO STATIONS



There are 20 preset stations can be set on the clock (From P01, P02, P03 to P20)

- 1 Press the "⏻/MODE" button to turn ON the clock and switch to Radio mode.
  - 2 Search your desired stations by pressing "▼" or "▲"
  - 3 Press and hold the "SET" button for 2 seconds until program number "P01, P02, P03... P20" appear on the display and blink.
  - 4 Press the "▼" or "▲" button to select the program number.
  - 5 Press the "SET" button again and the desired radio station will be stored in the selected program number.
- Repeat the above steps to store the other radio stations.

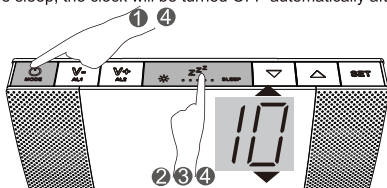
## RECALLING PRESET STATIONS



- 1 Turn ON the clock and switch to Radio mode
- 2 Press "SET" button and you will see the last Program number shows on the display.
- 3 Either press the "SET" button, "▼" or "▲" to change the program number in order to find your stored radio station.

## SLEEP TO RADIO TIMER

There is a sleep timer function for you to select from 10, 20, 30...to 90 minutes to listen to the radio before sleep, the clock will be turned OFF automatically after the set time.



- 1 Turn ON the clock and switch to Radio mode
- 2 Press the "zZz" button and "10" will be displayed on the screen. It means that you had turned on the Timer with 10 minutes count down
- 3 If you want to extend the timer, you can press the "zZz" button again then the count down time will be increased up to 90 minutes.
- 4 If you want to switch OFF the timer function, you can keep pressing the "zZz" button until "OFF" display on the screen. or, Press "MODE" to switch to "OFF" to turn off the clock.

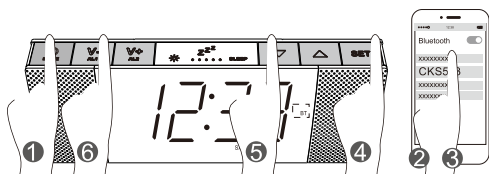
## AUTO / MANUAL DIMMER CONTROL

To adjust the display brightness, keep pressing "\*" button until your desired brightness level appears. Brightness is available in 4 levels and can be adjusted only when the radio and BT function disabled (clock is OFF). Press "\*" button, you can adjust the brightness level as below:



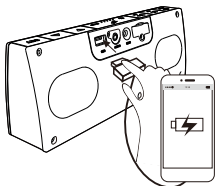
Highlighted	L-3
Medium	L-2
Low dark	L-1
Automatic recognition brightness	-AU-

## BLUETOOTH CONNECTION



- ① Turn ON the clock and press "⏻ /MODE" button to switch to Bluetooth "BT"
- ② "BT" sign blinks meaning searching is ON from the clock. Please turn on the Bluetooth of your external audio device and look for CKS503 then connect. Once connected , the "BT" sign will stop blinking and short tone will be heard from the clock. Bluetooth now is connected and you can play the music source from your external audio device through the clock speakers.
- ③ You can control the music playing on both the clock and your audio device.
- ④ Press the "SET" button to PLAY or PAUSE.
- ⑤ Press the "▼" or "▲" button to play Previous or Next.
- ⑥ Press the "V-" or "V+" button to adjust the volume level of the music. NOTES: The unit does not have Hands-free speakerphone function.

## USB CHARGING



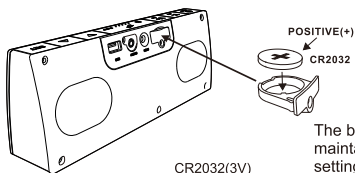
You can connect your device to for charging .  
 Noted : Output 5V ,1A for charging mobile phone or portable digital audio player

## CHANGING THE LITHIUM BATTERY

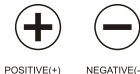


 indicator 'Flashes'

↓  
change the battery



CR2032(3V)



POSITIVE(+)

NEGATIVE(-)

The backup battery is only used for maintaining the time and alarm setting during power outage. The clock radio will not operate without AC Power. Please ensure to place the backup battery correctly (positive polarity face up) when changing the battery.

## WARNING

**DANGER OF EXPLOSION BATTERY IS INCORRECTLY REPLACED.**  
**REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.**  
**DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD**

This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part

## CARE AND MAINTENANCE

### Care Of Cabinets


If the cabinet becomes dusty, wipe it with a soft cloth. If the cabinet becomes smudged or dirty, clean it with a soft, slightly dampened cloth. Never allow water or any liquid to get inside the cabinet. Never use any abrasive cleaners or cleaning pads as these will damage the finish of your radio.

### Lithium Battery Precautions

- Dispose of the old battery properly. Do not leave it lying around where a young child or pet could play with or swallow it. If the battery is swallowed, contact a physician immediately.

- The battery may explode if mistreated. Do not attempt to recharge it or disassemble it. Do not dispose of the old battery in a fire.

The apparatus must not be exposed to dripping or splashing and objects filled with liquids, such as vases, must not be placed on the apparatus. This marking

 indicates that this product should not be disposed of with other household wastes throughout the country. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle this unit responsibly so as to promote the re-use of material resources. To return your used device, please use return and collection systems or contact the retailer where the product was purchased as they know how to safely recycle this product.

## FCC WARNING

### FCC Part 15.19 Warning Statement

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 UNDESIRE OPERATION.

### FCC Part 15.21 Warning Statement

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

**FCC Part 15.105 Warning Statement**

Note: 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 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 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 circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**RF warning statement:**

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

# **iTOMA**

## **1-Year Limited Warranty**

iTOMA (Hong Kong) Company Limited (iTOMA) warrants to be original consumer of this iTOMA product that it will furnish a replacement for, or, at its sole option, repair any part which proves (upon inspection by iTOMA) to be defective under normal use within 1 year of the original purchase date.

This warranty does not apply to appearance items, including, but not limited to, antennas, knobs, cabinets, or cases, and in the case of batteries, for damage caused by leaking batteries. It also does not apply to the product, or to any part thereof, that has been damaged through misuse or negligence.

Furthermore, this warranty will become invalid if, in the judgment of iTOMA the product or any part thereof has been installed incorrectly, repaired or altered by other than iTOMA Service Department.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions and limitation may not apply to you.

For Service, Warranty, or Product Information,  
Please contact iTOMA (Hong Kong) Company Limited,  
[info@itoma.com](mailto:info@itoma.com)

**PLEASE SAVE THIS CARD TOGETHER WITH ORIGINAL DATED PROOF  
OF PURCHASE FOR YOUR RECORDS AND FOR CUSTOMER SERVICE.**

