

# 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 block any ventilation openings.
- 3.) Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including audio amplifiers) that produce heat.
- 4.) If the provided AC mains adapter does not fit your outlet or is damaged, seek the advice of a qualified electrician before using a replacement mains adapter.
- 5.) Protect the power cord from being walked on knotted, snagged or pinched.
- 6.) Only use attachments / accessories specified by the manufacturer.
- 7.) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 8.) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged 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.
- 9.) Do not use the apparatus or its AC mains adapter in environments where there is a risk of water dripping or splashing. Do not place objects filled with liquids, such as vases or drinks, near the apparatus or AC mains adapter.
- 10.) The AC mains adapter should remain readily accessible so that AC power can be disconnected in an emergency. The AC mains adapter must be removed completely from the AC power outlet to disconnect the power supply.
- 11.) The lithium battery must not be exposed to excessive heat (such as sunshine) and must be correctly installed. Refer to the Changing the Lithium Battery section for more information.



# PREPARATION FOR USE

## Unpacking and Set Up

- Remove the alarm clock radio from the carton and packaging materials. Retain the carton and packaging for future reference and in case the alarm clock radio ever needs to be serviced or transported.
- 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 shell, convenient to an AC outlet, out of direct sunlight, and away from sources of excess heat, dirt, dust, moisture, humidity or vibration.
- Select and attach the appropriate plug attachment to the AC mains adapter. Unwind and fully extend the power cable.
- The FM antenna is built into this cord. It must be fully extended to provide the best FM reception.
- Connect the mains adapter to the mains supply and the radio. Ensure the mains socket is switched on.

## 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, and cleaning sprays may cause the rubber "feet" to soften and leave marks on the furniture. To avoid the risk of such damage to your furniture we recommend either a piece of cloth or self-adhesive felt pads attached to the underside of the alarm clock radio.

## Power Source

The alarm clock radio uses an AC power adapter of a kind that depends on where the alarm clock radio is purchased. The AC power adapter for North America is rated 120V at 60Hz and within Europe or Australia is rated 220-240V at 50Hz. Using an incorrect AC power adapter is not covered by your warranty because it may damage the alarm clock radio. A lithium battery is used to maintain the time and alarm settings when the alarm clock radio loses AC mains power. To maximize the life of the lithium battery and to keep the radio and alarm functions active you must ensure the AC power adapter remains connected and that the AC mains outlet is never turned off. Ideally you should use an un-switched mains outlet.

# IMPORTANT NOTES

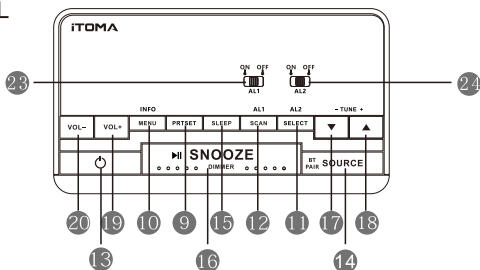
- Avoid installing this alarm clock radio in direct sunlight, close to sources of heat, where there is poor ventilation and places that are dusty, humid, wet or subject to vibration.
- Operate controls and switches as described in the manual.
- Before turning on the power, make certain that the AC adapter is properly installed.
- When moving the unit, be sure to first disconnect the AC adapter. Do not use the AC power adapter if any part of it shows signs of damage.

# LOCATION OF CONTROLS AND INDICATORS

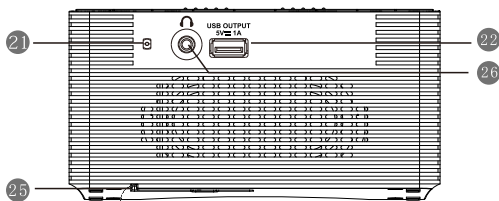
## FRONT PANEL



## TOP PANEL

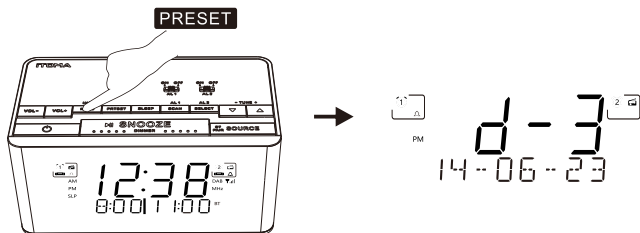


## BACK PANEL

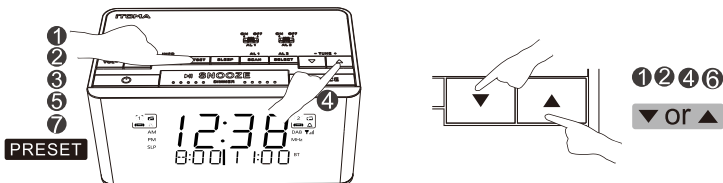


- |                                  |                                    |
|----------------------------------|------------------------------------|
| 1. <b>ALARM 1</b> Indicator      | 14. <b>SOURCE/BT PAIR</b> Button   |
| 2. <b>AM</b> Indicator ("on"=AM) | 15. <b>SLEEP</b> Button            |
| 3. <b>PM</b> Indicator ("on"=PM) | 16. <b>SNOOZE/DIMMER/BT</b> Button |
| 4. <b>SLP</b> Indicator          | 17. <b>TUNE- / ▼</b> Button        |
| 5. <b>BT</b> Indicator           | 18. <b>TUNE+ / ▲</b> Button        |
| 6. <b>MHZ</b> Indicator          | 19. <b>VOL+</b> Button             |
| 7. <b>DAB</b> Indicator          | 20. <b>VOL-</b> Button             |
| 8. <b>ALARM 2</b> Indicator      | 21. <b>AC Adapter</b>              |
| 9. <b>PRESET</b> Button          | 22. <b>USB Charging Port</b>       |
| 10. <b>MENU/INFO</b> Button      | 23. <b>AL1</b> Slide Switch        |
| 11. <b>AL2/SELECT</b> Button     | 24. <b>AL2</b> Slide Switch        |
| 12. <b>AL1/SCAN</b> Button       | 25. <b>FM Antenna Cable</b>        |
| 13. <b>ON/OFF</b> Button         | 26. <b>Earphone Jack</b>           |

# SETTING THE DATE/TIME MANUALLY



To check the current date and time, short press **"PRESET"** repeatedly to see the time, month, week, day and year.







- ① Press and hold **"PRESET"** button the **HOUR** digits will blink , Press **"▲"** or **"▼"** button to adjust the hour.
- ② Press **"PRESET"** again, the **MINUTE** digits will blink, press **"▲"** or **"▼"** button to adjust the minute.
- ③ Press **"PRESET"** button again ,the **"DATE"** digits will blink, Press **"▲"** or **"▼"** button to adjust the date .
- ④ Press **"PRESET"** again, the **"MONTH"** digits will blink. Press **"▲"** or **"▼"** button to adjust the month.
- ⑤ Press **"PRESET"** button again and the **"YEAR"** digits will blink.
- ⑥ Press **"▲"** or **"▼"** button to adjust the year.
- ⑦ Press **"PRESET"** button again **"24H"** or **"12H"** blinks on the display. (24H means 24-hour clock, 12H means 12-hour clock)
- ⑧ Press **"▲"** or **"▼"** button to adjust the time format.
- ⑨ Press **"PRESET"** button again or wait for 40 seconds to save your setting.

# SETTING THE ALARM

Push the AL1/AL2 slide switch to ON to turn on the AL1/AL2 before setting the alarm

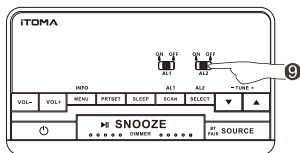
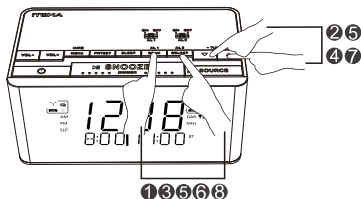
Your clock radio has two separate alarms (Alarm 1 and Alarm 2) that can be set and used independently. Please ensure that you have set the wake up time(s) and the day(s) of the week needed for the alarms correctly.





- : Wake to Vibration
  - : Wake to Buzzer(BB)
  - : Wake to radio
  - : Wake to DAB radio
- (four alarm ringtones are available)

- Setting Alarms for the Day(s) of the Week**
- EVERYDAY** Monday to Sunday
  - WEEKDAYS** Monday to Friday
  - WEEKENDS** Saturday and Sunday



## SETTING THE WAKEUP ALARMS



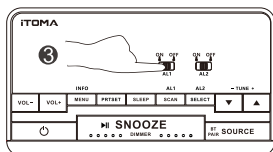
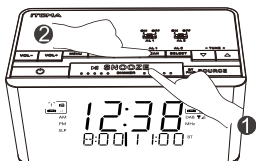
- ① Press and hold "**AL1(SCAN)**" button for 3 seconds and the "**HOUR**" digits will blink, Press "**▲**" or "**▼**" to adjust the hour.  
Push the AL1 switch slide to ON to turn on the alarm 1.  
Push the AL2 switch slide to ON to turn on the alarm 2.
- ② Press "**AL1**" again, the **MINUTE** digits will blink, Press "**▲**" or "**▼**" to adjust the minute .
- ③ Press "**AL1(SCAN)**" again, the alarm ringtone will blink, press "**▲**" select your desired ringtone:  
  - : Wake to Vibration
  - : Wake to Buzzer(BB)
  - : Wake to radio
  - : Wake to DAB radio
- ④ Press "**AL1(SCAN)**" again and the "**DAY(S) OF THE WEEK**" texts (1-7) will blink.
- ⑤ Press "**▲**" or "**▼**" to select the alarm day mode (You can set the alarm days in the following 3 options:  
 Option 1: Everyday Monday to Sunday  
 Option 2: Weekdays Monday to Friday  
 Option 3: Weekends Saturday and Sunday
- ⑥ Press "**AL1(SCAN)**" again and the "**CURRENT VOLUME LEVEL**" digits will blink.  
The volume levels range from 1 to 16, with level 16 being the loudest.
- ⑦ Press "**▲**" or "**▼**" to adjust to your desired alarm volume level.
- ⑧ Press "**AL1(SCAN)**" button or wait for 40 seconds to exit the alarm setting.
- ⑨ If you need to turn off the **AL1** completely, Push the **AL1** slide switch to **OFF**.
- ⑩ To set the Alarm 2, repeat the above steps 1 to 9.

**Note 1:** If no operation is performed while the alarm is sounding, the alarm will stop after 60 minutes.

**Note 2:** The last radio station you listened to will play when you choose "Wake to radio" for your alarm ringtone.




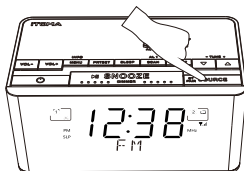
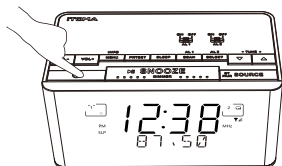
# SNOOZE/REPEAT



- 1 When the alarm goes off, press "SNOOZE" button to doze for another 9 minutes. You can repeatedly press "SNOOZE" for more dozings during the 60-minute cycle.
- 2 Press "AL1(SCAN)/AL2(SELECT)" button to stop the alarm from sounding.
- 3 To deactivate the alarm completely, Push the AL1/AL2 to OFF.

# PLAYING THE FM RADIO

Press "  " button to open the clock radio and press "SOURCE" button to switch to the radio mode. The frequency of "MHz" will appear on the display. For better reception, fully extend and adjust the position of the antenna. Below are the 5 instructions (A to D) to operate the radio.

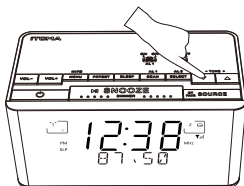


## A: Adjust the "MHz "

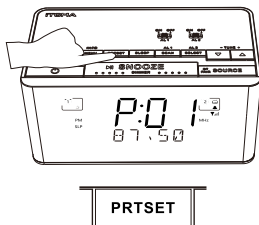
In the radio mode, when the "MHz" digits appear on the display, press "▲" or "▼" button to adjust the MHz frequency.

## B: Auto-search/scan FM stations

Press "▲" or "▼" button for 2 seconds and release. The search/scan will stop at the next available lower or higher station.

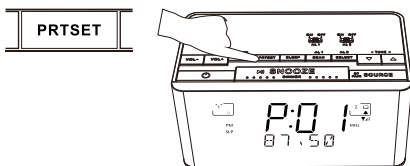


## C: Store FM/DAB radio station presets (max. up to 20 stations)



- 1 In the FM/DAB radio mode, press "▲" or "▼" button to search your desired station.
- 2 Press and hold **"PRESET"** button until the Program Number (from 01 to 20) appears on the display.
- 3 Press "▲" or "▼" button to change to the Program Number you desired, press **"SELECT"** button again and your specific station will be stored under the selected Program Number.

## D: Recall preset FM/DAB radio stations

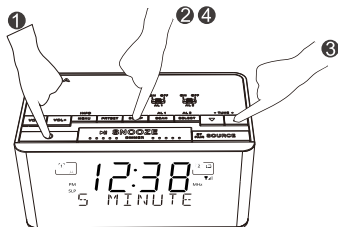




- 1 When the radio mode is on, short press **"PRESET"** button and the Program Number (from 01 to 20) will appear on the display.
- 2 Press "▲" or "▼" button to select your stored Program Number and listen to your preset station.
- 3 Press **"SELECT"** button to play your desired radio station.

**Note:** Keep the clock radio away from other electronic devices to avoid radio interference. For better reception, fully extend and adjust the position of the FM antenna wire.

# USING THE SLEEP TIMER

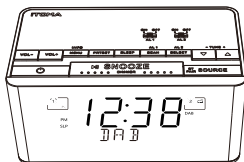
You can fall asleep to the **FM/DAB** radio using the sleep timer (The sleep timer duration ranges from 5 minutes to 120 minutes). After reaching the desired duration, the radio will turn off automatically.




- ① Press "  " to turn on the FM or DAB radio.
- ② Press the "SLEEP" button, then the "SLP" digits will appear on the display which indicates the sleep timer has been set for 5 minutes.
- ③ To change the sleep timer duration, press "▲" or "▼" button until your desired duration appears, then press "SELECT" button to store your selection.
- ④ To deactivate the Sleep timer, press "SLEEP" button until the display shows : "SLEEP OFF", or press "  " to turn off the sleep timer directly.

**Note:** When setting the Sleep Timer, the indicator "SLP" flashes and it appears on the screen until the sleeping time ends.

## PLAYING THE DAB RADIO



### Operate your DAB radio

- ① Press the "  " button to turn on the clock radio, and press the "SOURCE" button to switch to the DAB radio mode. The "DAB" will appear on the display.
- ② If this is the first time this unit goes into DAB Mode, it will automatically start an "Auto Scan" to search for available stations. (Once DAB mode has been used before, the horizon will automatically select the previously played station.)
- ③ Press "SCAN" to start an auto scan.
- ④ When the scanning is completed, the first station will be selected. The clock will automatically set to the current time.



- ⑤ Press "TUNE-" or "TUNE+" to select the available stations, and press the "SELECT" to confirm the desired station.

## Manual Tuning DAB

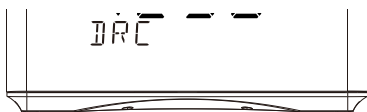
- 1 When the clock is in DAB mode. Press and hold the "MENU/INFO" button to enter the menu(FULL SCAN will shows on the display), then press "TUNE+" or "TUNE-" until the display shows MANUAL, press "SELECT" to enter the service menu.



- 2 Press "TUNE-" or "TUNE+" to highlight the desired channel.

## Dynamic Range Control(DRC)Setting of DAB

- 1 When the clock is in DAB mode. Press and hold the "MENU/INFO" button to enter the menu(FULL SCAN will shows on the display), then press "TUNE+" or "TUNE-" until the display shows DRC, press "SELECT" to enter the setting menu.



- 2 Press "TUNE-" or "TUNE+" to select the required DRC setting (OFF/LOW/HIGH)

OFF:DRC is off, broadcast DRC will be ignored.

HIGH:DRC level is used as sent by broadcaster.

LOW:DRC level is set to 1/2 that sent by broadcaster.



HIGH                      LOW

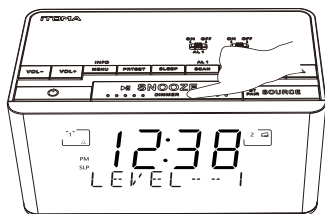
- 3 Press "SELECT" to confirm the setting.

Note: Not all DAB broadcasts are able to use the DRC function. If the broadcast does not support DRC, then the DRC setting in the radio will have no effect.

# DIMMER CONTROL

To adjust the display brightness, keep pressing "DIMMER" button until your desired brightness level appears. Brightness is available in 5 levels and can be adjusted even when the radio or Bluetooth connection is in use.

Press "DIMMER" button, you can adjust the brightness level as below:



Highlighted

L -- 3

Medium

L -- 2

Low dark

L -- 1

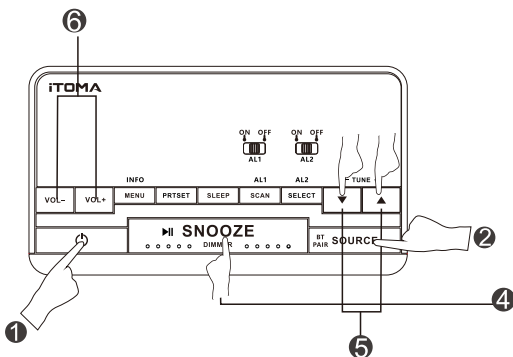
OFF

OFF

Automatic  
recognition brightness

-- AU --

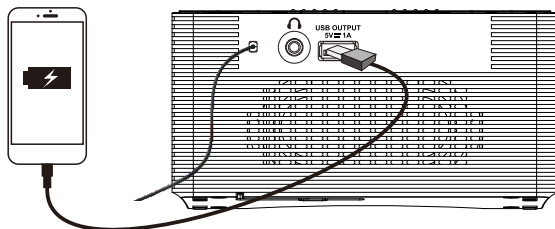
# BLUETOOTH CONNECTION



- ① Press "⏻" button to turn on the clock radio.
- ② Press "SOURCE" button to switch to Bluetooth (BT) connection.
- ③ When the "BT" indicator blinks, the clock is searching for Bluetooth connection. Please turn on the Bluetooth of your external audio device and look for **CKS3501** for connecting. Once connected, the "BT" indicator stops blinking. Then you can play music from your external audio device through the clock speaker.
- ④ You can control the music playing either on your external audio device or by pressing "BT PAIR" button on your clock to play or pause music.
- ⑤ Press "▲" or "▼" to play music forwards.
- ⑥ Press the "VOL-" or "VOL+" button to change the volume.

**Note:** If pairing unsuccessful, all previously paired Bluetooth devices around should be disconnected first by pressing and holding the "BT PAIR" button until it prompts, or turn Off their Bluetooth connection, in order to avoid making any auto reconnection between them. Then, set this unit to Bluetooth mode, and tap the Bluetooth switch on your phone/device Off and back "ON" again to refresh/search any nearby **CKS3501** for pairing.

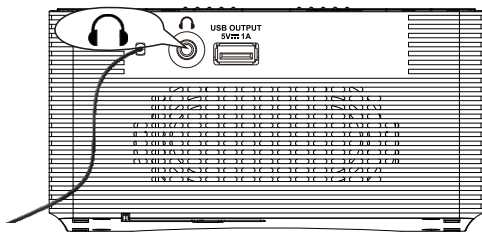
## USB FOR CHARGING




Output 5V up to 1A for charging mobile phone or portable digital audio player.

**Note:** Charging current drawn from the unit may vary due to different USB charging cable conditions or battery charging characteristics.

# EARPHONE JACK



- ① Press the "  " button to turn the unit On.
- ② Press the "**SOURCE**" button to select and listen to your desired audio source (Bluetooth, Radio or DAB Radio.).
- ③ Adjust the output volume by Pressing the "**VOL-**" or "**VOL+**" button.
- ④ Connect your headphone plug into the 3.5mm earphone jack to enjoy streaming stereo through your headphone.

**NOTE:** If an alarm is set and your headphone is still connected to the unit, Wake to Radio/Buzzer alarm will not go off on the speaker but only on your headphone.

**CAUTION:** Prolonged use of headphone at high volume may cause irreparable hearing loss. We strongly advise you to adjust the headphone volume to a reasonable level. The higher the volume for a prolonged time, the higher the risk of damaging your hearing.

## **WARNING**

**DANGER OF EXPLOSION IF 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 of the body, seek immediate medical attention.

## **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 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 the original consumer of this iTOMA product that it will furnish a replacement for, or, at its sole discretion, 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 cosmetic appearance and consumable 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 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 a more readable installed incorrectly, or has been repaired or altered other than by iTOMA.

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,  
[www.itoma.com](http://www.itoma.com) /contact us by email at [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.**