



# Dual Alarm Clock Radio With White Mirror Display, LED Nightlight, Phone Rest and Bluetooth Speaker

## OWNER'S MANUAL ER100210



Visit our website at  
[www.emersonradio.com](http://www.emersonradio.com)

### 1 WARNING

#### ■ IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions. Keep these instructions. Follow all instructions. Read all warnings.
- Do not use this apparatus near water.
- Never remove the casing of this product.
- Never lubricate any part of this product.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including amplifiers) that produce heat.
- 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 type plug 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 to replace the obsolete outlet.
- Only use attachments / accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.
- Use only with the cart, stand, tripod, bracket, or table 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.
- The AC adapter must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on apparatus.
- The AC adapter 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 adapter must be removed from the AC outlet completely.

- The battery must not be exposed to excessive heat such as sunshine, fire, etc.
- This package contains small parts that may be hazardous to children and should be kept out of reach of children at all time. The product is not a toy – never allow children to play with the product. The bags themselves or the many small parts they contain may cause choking if ingested.
- Never try to dismantle the product yourself, or push objects of any kind into the product, as this may cause short circuits which could result in a fire of electric shock.
- None of the components can be replaced or repaired by users. Only authorized dealers or service centers may open the product. If any parts of your product required replacement for any reason, including normal wear and tear or breakage, contact your dealer.
- Avoid exposing your product to rain, moisture or other liquids to protect against damage to the product or injury to you.
- If the product overheats, if the product has been dropped or damaged, or if the product had been dropped in a liquid, discontinue use.
- Never mount or store the product over any airbag deployment area, as serious injury may result when an airbag deploys.
- Do not use in areas where there are explosive hazards.
- Observe all signs and instructions that require an electrical device or RF radio product to be switched off in designated areas such as hospitals or aircrafts.
- Dispose of the product according to local standard and regulations.

**CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

#### DO NOT INGEST BATTERY. CHEMICAL BURN HAZARD

**WARNING**  
Do not ingest the battery. Chemical Burn Hazard. This product contains a coin/button cell battery. If the coin/button 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.

### AVERTISSEMENT

Ne pas ingérer la pile. Danger de brûlure chimique. Ce produit contient une pile bouton. Si la pile bouton est avalée, elle peut provoquer de graves brûlures internes en 2 heures seulement et peut entraîner la mort. Conserver les piles neuves et usées hors de portée des enfants. Si le compartiment pile ne se ferme pas correctement, cessez d'utiliser le produit et tenez-le hors de portée des enfants. En cas de doute concernant le fait que les piles pourraient avoir été avalées ou introduites dans une partie quelconque du corps, consulter immédiatement un médecin.

#### IC Warning:

This device complies with Industry Canada Licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le bon fonctionnement.

#### RF warning statement:

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with RSS-102 Radio Frequency (RF) Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. le dispositif de a été évalué à répondre généralement à l'exposition exigence, pour maintenir la conformité avec les directives d'exposition du RSS-102 - Radio Fréquence (RF), ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.

#### FCC Note:

**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 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 communications. However, there is no guarantee that interference to radio communication. 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.

### 2 Important Notes

- PRODUCT CARE:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

- Leaving the product in hot or cold places, such as in a closed car in the summer and winter conditions, will reduce the capacity lifespan of the battery.

#### ■ USB ADAPTER CARE:

- Do not attempt to power your unit with anything other than the USB Adapter provided. The use of any other types may damage or destroy the product and could be dangerous. Use of other AC Adapters may void any warranty.
- When you disconnect the adapter from AC mains, grasp and pull the plug, not the cord.
- Never use an adapter that is damaged.
- Do not attempt to disassemble the adapter as it may expose you to dangerous electric shock.
- Incorrect reassembly can cause electric shock or fire when the product is subsequently used.

### 3 Preparation for Use

Thank you for purchasing this Emerson ER100210 clock radio with Bluetooth speaker. If you encounter any problems with the set up or operation of this item, please call the Emerson Consumer Products Corp., Customer Service Hotline, toll free, at 1-800-898-9020.

#### 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 cable connecting the USB adapter and extend it to its full length. The FM antenna is built in to this cable, which must be fully extended to provide the best FM reception.

#### Protect Your 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 radio before you place the product on fine wooden furniture.

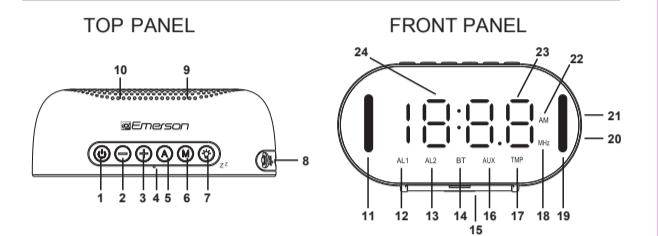
#### Power Source

This product is designed to be powered by the DC5V/1A USB Adapter on normal 120V 60Hz AC power only via the USB cable connecting the USB output port of the adapter to the micro USB input port of the radio. 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. The USB Adapter 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.

### 4 Package Contents

- ER100210 x 1 pc
- Owner's Manual x 1 pc
- USB Cable x 1 pc
- USB AC/DC Adapter x 1 pc (Output DC5V 1A)

### 5 Location of Controls and Indicators



Adjusting the Wake-up Time for AL1 and AL2:  
1. Press and Hold the **A** button until Alarm Time and the "AL1" indicator 'flash'.  
2. Press the **- / +** button to adjust the Minutes and Hours, or  
3. Press and Hold the **- / +** button to scroll through rapidly the Minutes and Hours until your desired Alarm Time for AL1 reaches.  
4. Press the **A** button to finish the Alarm setting for AL1, then the "AL2" indicator 'flashes' for adjustment.

5. Press the **- / +** button to adjust the Minutes and Hours, or  
6. Press and Hold the **- / +** button to scroll through rapidly the Minutes and Hours until your desired Alarm Time for AL2 reaches.  
7. Press the **A** button to finish the Alarm setting for AL2. It will restore clock time on display.  
8. To quit the setup at any time, simply leave the unit idle for 5 seconds.

**Activating and Deactivating the Alarm Mode:**  
1. Press the **A** button repeatedly to activate your desired Alarm mode: AL1, AL2, or AL1+AL2.  
2. When the "AL1/2" indicator glows, the alarm will go off gradually at wake-up time.  
3. To completely turn Off the Alarm, press the **A** button repeatedly until the "AL1" and "AL2" indicators 'Off'.

**Wake-to-Radio Alarm Mode and Alarm Volume Setting:**  
1. Press and Hold the **POWER** button for 2 seconds to turn the unit On.  
2. Press the **M** button to select FM Radio mode (the "MHz" indicator "On").  
3. Tune in or recall from Memory the station that you wish to hear when the Alarm goes off.  
4. Press the **- / +** button to set the maximum radio volume at which the Alarm will gradually reach at wake-up time.  
5. Default alarm volume is V08 if the last radio volume is set between V00-V08 before the unit is turned Off.  
6. For a louder alarm, set up radio volume above V08 before shutting down the unit.

**Note:** Wake-to-Radio Alarm mode can be activated only if the last input source before the unit is shut down is FM Radio mode, otherwise, Wake-to-Buzzer Alarm mode will then be activated automatically.

**Wake-to-Buzzer Alarm Mode and Alarm Volume Setting:**  
1. Wake-to-Buzzer Alarm mode can be activated only if the last function mode before the unit is shut down is Bluetooth / AUX mode.  
2. Default alarm volume is V08 if the last Bluetooth / AUX volume before the unit is turned Off is set between V00-V08.  
3. For a louder alarm, set up the Bluetooth / AUX volume above V08 before turning Off the unit.

#### Snooze Alarm:

When the alarm comes On, press the **Z'SNOOZE** button to pause it for 9 minutes. Alarm indicator will 'flash'. If not turned Off, the Snooze Alarm will only be active for one hour. To shut Off the Snooze Alarm completely, press the **POWER** or **A** button once to silence the alarm for 24 hours with the alarm indicator remaining 'On'. The alarm will then come On again at the same time the next day. To cancel the Alarm mode, press the **A** button repeatedly to turn the "AL1" and "AL2" indicators 'Off'.

### 8 Listening to FM Radio

Press and Hold the **POWER** button for 2 seconds to turn the unit On. Press the **M** button to switch it to Radio mode. Radio frequency will display with its "MHz" indicator "On". When you play the Radio for the first time, use the AMS function mentioned below to set up the Program Number Memory (P01-P50) for a quick access to your favorite stations.

- Make sure the USB cable is connected to the unit as it functions as an antenna for FM signal reception (USB adapter is also required to power the unit).
- Auto Memory Saving (AMS) - Auto Searching / Scanning / Saving FM Stations:** Press and Hold the **M** button for 2 seconds and then release for automatic searching and saving of the captured radio stations into Memory (Program Number from P01 to P50).  
**Note:** Searching will only stop at a station with acceptable reception before saving into memory.
- Recalling Favorite Stations from Program Number Memory (P01-P50):** Press and Hold the **- / +** button for 2 seconds to display the Program Number, select the one to recall from Memory for listening. Radio frequency (MHz) will be showing after Program Number displayed.  
• Press briefly the **- / +** button to adjust volume.  
• When done listening, press the **M** button to switch to either Bluetooth or AUX function, or Press and Hold the **POWER** button for 2 seconds to turn the unit Off.  
**Note:** Keep the unit away from other electronic devices to avoid any radio interference.

#### Receive your desired station with manual Tuning Control:

- Press and Hold the **A** button for 2 secs then release, Auto Station Seeking will be engaged, the receiving frequency will increase automatically until a station with appropriate reception is captured.
- Manual tuning is possible by pressing the **A** button briefly, the receiving frequency will advance in a 0.1MHz step.

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- Press and Hold the **A** button for 2 secs then release, Auto Station Seeking will be engaged, the receiving frequency will increase automatically until a station with appropriate reception is captured.
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### 9 Listening to Bluetooth Speaker and Hands-free

- Listening to Bluetooth Speaker:**  
• Press and Hold the **POWER** button for 2 seconds to turn the unit ON.  
• Press the **M** button repeatedly to select Bluetooth (bt) mode ("BT" indicator 'flashes' for pairing).  
• Enable your Bluetooth device and select **ER100210** from its Available/Paired device list. If pairing is successful, the unit will prompt and "BT" indicator will become solid.  
• Automatic connection with your Bluetooth devices is possible if they have been paired successfully with this unit before.  
• Once paired, you can play your music through this Bluetooth Speaker.  
• To pause or resume playback, press briefly the **POWER** button.  
• To select a specific track, Press and Hold the **- / +** button for 2 secs then release.  
• When you finish listening to Bluetooth music, press the **M** button repeatedly to select other function mode, or Press and Hold the **POWER** button for 2 seconds to turn the unit Off.

**Note:** If pairing is unsuccessful, all previously paired Bluetooth devices around should be disconnected first, 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 smartphone/device Off and back On again to refresh/search of any nearby **ER100210** units for pairing.

If you want to disconnect this unit from your Bluetooth enabled device after pairing successful, press and hold the **A** button for 2 seconds. To reconnect this unit, just Press and Hold the **A** button for 2 seconds, or select 'ER100210' again from the Available/Paired device list.

- Hands-free Phone Conversation:**  
• Hands-free functions only if the Bluetooth connection is set up successfully between your smartphone and the unit.  
• To answer an incoming call, press briefly the **POWER** button.  
• To decline an incoming call without answering it, Press and Hold the **POWER** button for 2 seconds.  
• To finish hands-free conversation, press briefly the **POWER** button.

### 10 Enjoying Audio Source via AUX IN Jack

This clock radio is equipped with an AUX IN jack for you to connect the output from your external audio source such as your portable player, phone, etc. with a jack to jack cable to this audio reproduction unit.

- Press and Hold the **POWER** button for 2 seconds to turn the unit ON.
- Press the **M** button repeatedly to select AUX mode ("AUX" indicator 'glows').

- Connect your external audio source via its earphone jack to the AUX IN jack of this unit via an audio AUX cable (not included) with both ends in 3.5mm stereo plug.
- Start to play your external audio source and adjust the output volume to its maximum when necessary.
- Adjust the volume of this clock radio to meet your desired level as well.
- When you finish listening to AUX IN music, press the **M** button repeatedly to select other function mode, or Press and Hold the **POWER** button for 2 seconds to turn the unit Off.

**Note:** When alarm time comes, music playing through the AUX IN jack will be muted, and Wake-To-Music or Wake-To-Buzzer can only be heard according to your alarm setting.

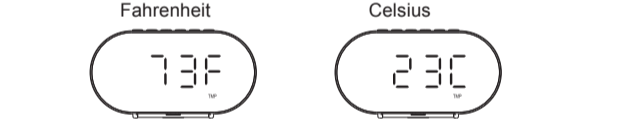
### 11 Sleeping to Music Timer

Press and Hold the **POWER** button for 2 seconds to turn the unit On. Press the **M** button to select either FM Radio, Bluetooth or AUX mode to play music or radio.

- Press the **SLEEP** button. The display will show the sleep timer (default 10 minutes).
- Press the **SLEEP** button repeatedly to choose your desired sleep time (10-90 minutes or OFF).
- To display the sleep timer during the countdown process, Press the **SLEEP** button.
- To cancel the sleep timer during the countdown process, Press and Hold the **POWER** button for 2 seconds to shut Off the unit.

### 12 Sensing Room Temperature

**IMPORTANT:** Temperature can only be read in Standby mode.  
1. Press briefly the **POWER** button to sense and display the ambient temperature in degree Fahrenheit (the "TMP" indicator "On")  
2. The temperature can be converted between Fahrenheit and Celsius scale by pressing the **-** (Celsius) or **+** (Fahrenheit) button while in TEMPERATURE mode.



### 13 Nightlight LED

Press and Hold the **NIGHTLIGHT LED** button for 2 seconds to turn the White LED 'On' to illuminate or decorate your bedroom or desk. To turn it Off, Press and Hold the button for 2 seconds. This **NIGHTLIGHT LED** can be activated while the unit is turned On or Off (Standby).

### 14 4-Level Dimmer Control

Press the **- / +** button while in Standby Mode to select any of the four display brightness levels.

### 15 Phone Rest (Retractable)

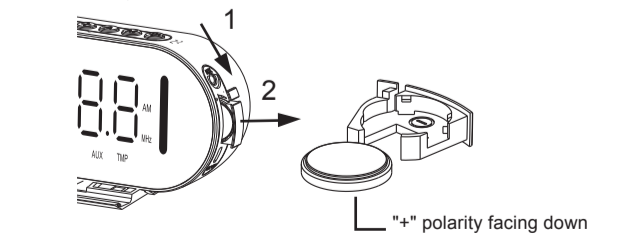
Phone Rest is designed as a retractable platform to enable holding the smartphone upright for a better viewing angle.

### 16 Backup Battery for Time and Alarm Settings

When the power to the radio is interrupted, the backup lithium battery (not included) takes over to maintain the time and alarm settings.

- To install a backup lithium battery:
- Leave the USB adapter power system connected to your AC outlet to retain memory while backup lithium battery is being installed.
  - Push the tab lock of the battery holder to the left and hold it in that position. Slide the battery holder open.
  - Insert a new CR2032 battery or equivalent type into the holder with the positive (+) polarity facing down, observing the positive (+) polarity before sliding the holder back into the slot.
  - If backup battery is installed properly, the time and alarm settings will remain unchanged after the USB adapter power system is unplugged and plugged back in again, otherwise, check above procedure and adjust the time and alarm settings when necessary.

**Note:** The lithium backup battery needs replacement when the time and alarm settings are lost after a power outage. To maximize the life of the lithium battery, keep the radio connected to a 'live' AC outlet at all times.



### 17 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.

### 18 LIMITED WARRANTY

Emerson Radio Corp. warrants this product to be free from manufacturing defects in original material, including original parts, and workmanship under normal home use and conditions ("manufacturing defect") for a period of ninety (90) days from date of original purchase in, and if used in the United States. Should service be necessary under this warranty, Emerson will provide the following at our Return Repair Facility provided the manufacturing defect is verified along with the date of purchase:

**\* Repair service for ninety (90) days from date of original purchase at no charge for labor and parts.**

To Receive Authorization to Return a Defective Item, please contact Emerson Customer Service at 1-800-898-9020 or at <http://www.emersonradio.com/service/return-policy>. Have your Model number, Serial Number and dated Proof of Purchase with you when you call.

In the event the product must be returned to Emerson:  
• Pack the unit in a well-padded heavy corrugated box. Please insure the item is well padded to avoid damage while in transit back to our facility. **If the item incurs damage, it will NOT be replaced and the consumer will be responsible for return freight costs to receive their same unit back.**

- Enclose your check or money order payable to Emerson Radio in the amount of \$10 to cover return shipping and handling costs.
- Enclose a note with your name, address, phone number, Return Authorization number and brief reason for returning the unit.
- Enclose a copy of your proof of purchase (warranty service will not be provided without dated proof of purchase).
- Ship the unit prepaid via UPS or parcel post (SHIP INSURED and obtain a tracking number).

**NOTE:** This warranty does not cover:  
(a) Damage to equipment not properly connected to the product.  
(b) Cost incurred in the shipping of the product to and from Emerson's Return Facility.  
(c) Damage or improper operation of unit caused by customer abuse, misuse, negligence or failure to follow operating instructions (including cleaning instructions) provided with the product.

- Ordinary adjustments to the product which can be performed by customer as outlined in the owner's manual.
- Signal reception problems caused by external antenna or cable systems.
- Products not purchased in the United States.
- Damage to product if used outside the United States.

THIS WARRANTY IS NON-TRANSFERABLE AND APPLIES ONLY TO THE ORIGINAL PURCHASER AND DOES NOT EXTEND TO SUBSEQUENT OWNERS OF THE PRODUCT. ANY APPLICABLE IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED IN DURATION TO A PERIOD OF THE EXPRESSED WARRANTY AS PROVIDED HEREIN BEGINNING WITH THE DATE OF ORIGINAL PURCHASE AT RETAIL AND NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED, SHALL APPLY TO THE PRODUCT THEREAFTER. EMERSON MAKES NO WARRANTY AS TO THE FITNESS OF THE PRODUCT FOR ANY PARTICULAR PURPOSE OR USE. THE EXTENT OF EMERSON RADIO CORP'S LIABILITY UNDER THIS LIMITED WARRANTY IS THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL EMERSON RADIO CORP'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE PURCHASER OF THE PRODUCT. UNDER NO CIRCUMSTANCES SHALL EMERSON RADIO CORP. BE LIABLE FOR ANY LOSS, DIRECT, INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS PRODUCT. THIS WARRANTY IS VALID ONLY IN THE UNITED STATES OF AMERICA. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. HOWEVER, YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES OR EXCLUSION OF CONSEQUENTIAL DAMAGE, THEREFORE THESE RESTRICTIONS MAY NOT APPLY TO YOU.

The serial number can be found on the bottom cabinet. We suggest that you record the serial number of space below for future reference.  
**Model Number: ER100210**  
**Serial Number:**

Emerson Part No. ER100210-2019027-00  
Printed in China

