



# Alarm Clock Radio with Bluetooth and USB Charging

(SmartSet Patent No. 6,567,344)

# OWNER'S MANUAL

## ER100102

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

## 1 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.

- WARNING: SHOCK HAZARD - DO NOT OPEN  
AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR
- Caution Marking and rating plate was located at rear enclosure of the apparatus. Avertissement La plaque signalétique est située à l'arrière de l'appareil.
- Attention should be drawn to the environmental aspects of battery disposal; il convient d'attirer l'attention sur les problèmes d'environnement dus à la mise au déchet des piles;
- Minimum distances 10cm around the apparatus for sufficient ventilation; distance minimale 10cm autour de l'appareil pour une aération suffisante;
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc. ; il convient que l'aération ne soit pas gênée par l'obstruction des ouvertures d'aération par des objets tels que journaux, nappes, rideaux, etc. ;
- No naked flame sources, such as lighted candles, should be placed on the apparatus; il convient de ne pas placer sur l'appareil de sources de flammes nues, telles que des bougies allumées;
- The use of apparatus in moderate climates.
- si l'appareil est destiné à être utilisé sous un climat tempéré et
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

pour réduire le risque d'incendie ou de choc électrique, ne pas exposer cet appareil sous la pluie et l'humidité.

**WARNING**  
Do not ingest the 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.

**AVERTISSEMENT**  
Ne pas ingérer la pile, Danger de brûlure chimique  
(La télécommande fournie avec) 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, cesser d'utiliser le produit et tenir 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.
- 10 When a plug on the unit is used as a disconnect device, this unit must remain readily accessible, lorsque une prise placée sur l'appareil est utilisée comme appareil de déconnexion, cet appareil doit demeurer aisément accessible;
- 11 The batteries (battery pack or batterie s installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- les batteries (bloc de batteries ou batteries installées) ne doivent pas être exposées à une chaleur excessive telle que celle du soleil, d'un feu ou d'origine similaire.
- 12 **ATTENTION**  
Danger of explosion if the battery is not replaced correctly. Replace only with the same type or equivalent type  
Danger d'explosion si la pile n'est pas remplacée correctement. Ne remplacer que par le même type ou un type équivalent.
- 13 The appliance must not be exposed to water dripping or splashing and that no objects filled with liquids such as vases should be placed on the appliance.
- 'appareil ne doit pas être exposé à des égouttements d'eau ou des éclaboussures et de plus qu'aucun objet rempli de liquide tel que des vases ne doit être placé sur l'appareil.

**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 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 général rf 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 D 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 Safety Instructions

- Read these instructions. Keep these instructions. Follow all instructions. Heed all warnings.
- Do not use this apparatus near water.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
- 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.

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

## 3 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

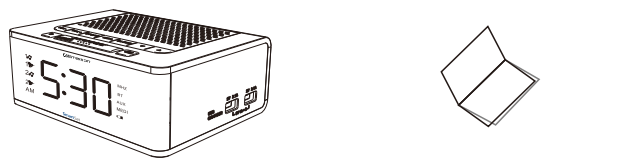
This radio is designed to operate on normal 120V 60Hz AC power only. Do not attempt to operate the radio on any other power source. You could cause damage to the radio that is not covered by your warranty. This radio should be connected to an AC outlet that is always 'live'. Do not connect it to an outlet 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.

## 4 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.

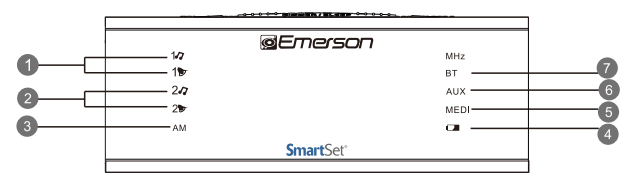
## 5 Package Contents

- Er100102 Clock Radio x 1
- Owner's Manual

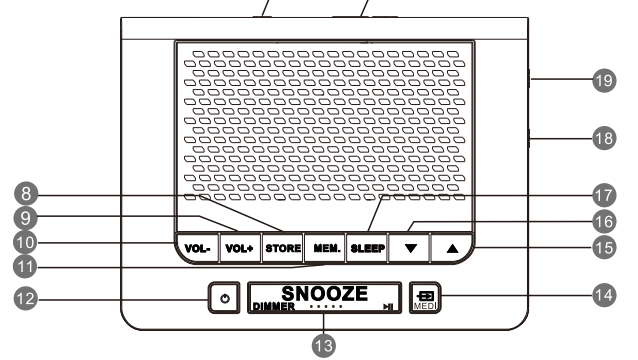


## 6 Location of Controls and Indicators

### FRONT PANEL



### TOP PANEL



- ALARM 1 Radio/Buzzer Indicators
- ALARM 2 Radio/Buzzer Indicators
- AM Indicator ( 'On'=AM, 'Off'=PM)
- LOW BATTERY Indicator
- AUX Indicator
- BT (Bluetooth) Indicator
- MHZ (FM Radio ) Indicator
- DATE/STORE (FM station) Button
- ALARM 2/VOLUME+ UP Button
- ALARM 1/VOLUME- DOWN Button
- TIME/MENORY (FM station)
- POWER ( 'On'/Standby) Button
- PAUSE/SNOOZE/DIMMER Button
- BT PAIR SOURCE (FM, Bluetooth, AUX) Button
- TUNE/SET+ DOWN Button
- TUNE/SET+ UP Button
- SLEEP/TIME ZONE Button
- USB Charge Out
- USB Charge Out
- BACKUP BATTERY Compartment (located on back of unit)
- AUX IN Jack

## 7 Setting the Time Zone

### Initial Default Setting at Clock Mode

The first time you connect your new SmartSet® clock radio to the AC outlet the internal computer will automatically set the time correctly for the Eastern Time Zone, which is the initial default setting. The display will scan for a few seconds and then show the correct Day and Time in the Eastern zone. If you live in the Eastern Time zone, there's nothing else to do. Your clock is set correctly and running. If you do not live in the Eastern Time zone you must change the default zone display to your own zone. You only do this one time and the SmartSet® will remember the new default zone setting and will always return to that setting after power interruption.

There are 7 time zones programmed into your SmartSet® clock radio as follows:

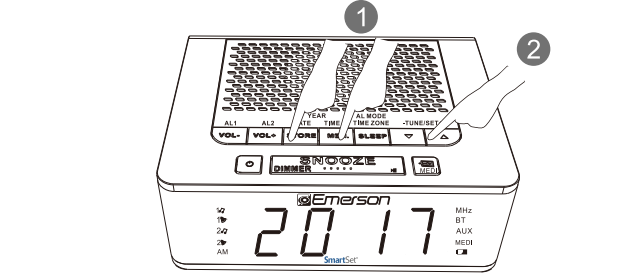
- |                       |  |
|-----------------------|--|
| ZONE 1 -Atlantic Time | ZONE 2 -Eastern Time (Default Setting) |
| ZONE 3 -Central Time  | ZONE 4 -Mountain Time                  |
| ZONE 5 -Pacific Time  | ZONE 6 -Yukon Time                     |
| ZONE 7 -Hawaiian Time |  |



Note: Time Zone and Time Setting can only be adjusted in standby mode, where the function of Radio, Bluetooth, and AUX are disabled (Indicators of "MHZ", "BT" and "AUX" are OFF).

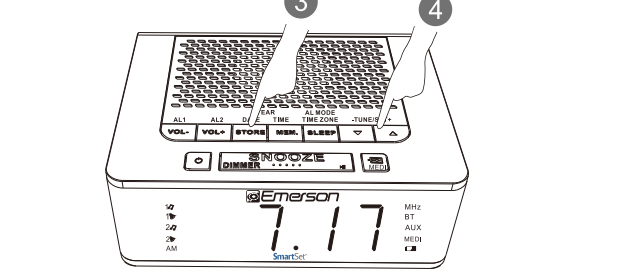
## 8 Setting the Time

### Manual Time Adjustments Setting the Year



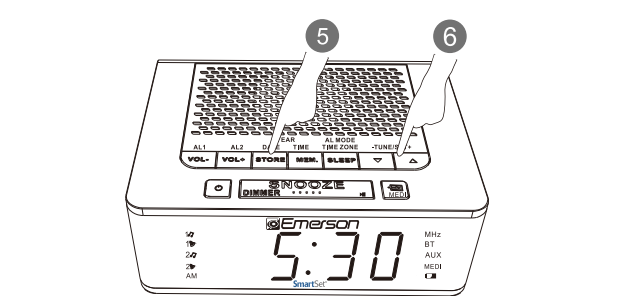
- Press and Hold "DATE/STORE""TIME/MEM." button at the same time.
- Press "▼" or "▲" to adjust Year.

### Setting the Date



- Press and Hold "DATE/STORE" button.
- Press "▼" to adjust Month, press "▲" to adjust Date.

### Setting the Time



- Press and Hold "TIME/MEM." button.
- Press "▼" to adjust Hour, press "▲" to adjust Minutes.