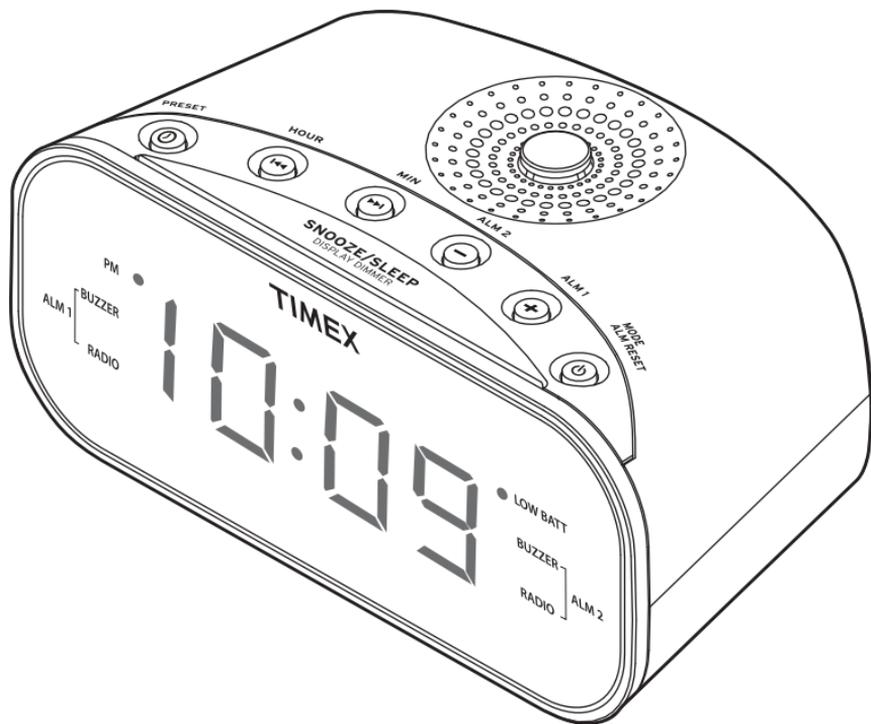


# TIMEX<sup>®</sup>

Model T231

## AM/FM CLOCK RADIO with DIGITAL TUNING



For additional information, online registration,  
and exclusive special offers visit our website:

[www.timexaudio.com](http://www.timexaudio.com)

For questions or comments regarding this or other products,  
please call our toll-free number 1-800-888-4491.



**CAUTION**  
**RISK OF ELECTRIC SHOCK.**  
**DO NOT OPEN**



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

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**AVERTISSEMENT: POUR RÉDUIRE LE RISQUE D'INCENDIE OU DE CHOC ÉLECTRIQUE, NE PAS EXPOSER CET APPAREIL SOUS LA PLUIE ET L'HUMIDITÉ**



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



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

The symbols above are located at the bottom of the cabinet.

**CAUTION:** To prevent electric shock, do not use this (Polarized) plug with an extension cord receptacle, or other outlets unless the blades can be fully inserted to prevent blade exposure.

**ATTENTION:** Pour prévenir les chocs électriques ne pas utiliser cette fiche polarisée avec un prolongateur. Une prise de courant, ou une autre sortie de courant sauf si les lames peuvent être insérées à fond sans en laisser aucune partie à découvert.

## A Consumer Guide to Product Safety

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.  
L'appareil ne doit pas être exposé aux écoulements ou aux éclaboussures et aucun objet ne contenant de liquide, tel qu'un vase, ne doit être placé sur l'objet.
- Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.  
La prise du secteur ne doit pas être obstruée ou doit être facilement accessible pendant son utilisation. Pour être complètement déconnecté de l'alimentation d'entrée, la prise doit être débranchée du secteur.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.  
Les piles ne doivent pas être exposées à de forte chaleur, tel qu'à la lumière du soleil, au feu ou autres choses de semblable.
- Caution marking is located at the bottom of apparatus.  
Les précautions d'emploi sont inscrites en bas de l'appareil.
- The marking information is located at the bottom of apparatus.  
Les marquages sont inscrits en bas de l'appareil.

# IMPORTANT SAFETY INSTRUCTIONS

This unit has been designed and manufactured to assure your personal safety. Improper use can result in potential electrical shock or fire hazards.

1. Read these Instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. **Water and Moisture** - Do not use this apparatus near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
6. **Ventilation** - Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions. For example, it should not be situated on a bed, sofa, rug or similar surface that may block ventilation openings. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
7. **Heat** - Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. **Power Sources** - The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
9. **Grounding or Polarization** - 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 are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. **Power-Cord Protection** - Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. It is always best to have a clear area from where the cord exits the unit to where it is plugged into an AC outlet.
11. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Clean only with a dry cloth.
12. **Non-Use Periods** - The power cord of the unit should be unplugged from the outlet when it is to be left unused for a long period of time.
13. **Objects and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
14. **Attachments** - Only use attachments/accessories specified by the manufacturer.
15. **Lightning** - Unplug this apparatus during lightning storms or when unused for long periods of time.
16. **Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
17. **Damage Require Service** - 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.
18. **Servicing** - The user should not attempt to service the unit beyond that described in the user's operating instructions. All other servicing should be referred to qualified service personnel.
19. **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
20. **Antenna** - Do not connect to an external antenna.

Questions? Service? Warranty? Visit [www.timexaudio.com](http://www.timexaudio.com)

## FCC Information

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 undesired operation.

- Warning: 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.
- 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.

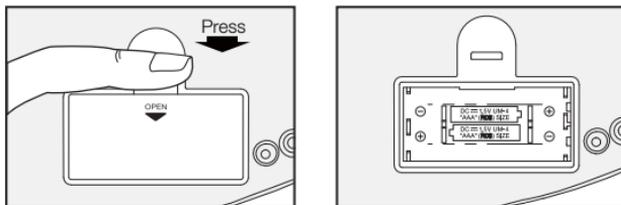
CAN ICES-3 (B)/NMB-3(B)

# Preparation For Use

## Battery Back-up System

Your new Timex Clock Radio includes a battery back up system that will maintain the time and alarm settings during a temporary power interruption. The battery back up system requires two "AAA" batteries, not included. We recommend you use a well-known brand of alkaline batteries for longest life and best performance. If you experience a power failure while batteries are installed, the display will turn 'off' but the clock will continue to run and maintain your alarm settings. When power is restored the display will turn 'on' again and the time and alarm settings will be correct.

## Installing The Batteries



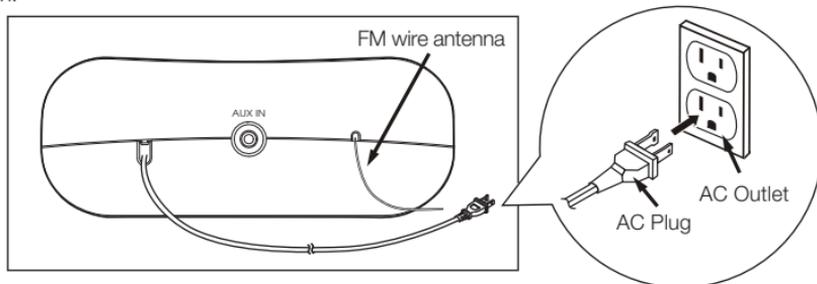
- Press on the battery door locking tab to open and remove the battery door.
- Install two "AAA" batteries in the battery compartment. Observe the polarity (+/-) markings in the battery compartment to make sure the batteries are inserted correctly.
- Replace the battery door.

## Protect Your Furniture

This clock radio has two silicon rubber feet on the bottom cabinet to prevent the radio from sliding and to avoid scratching your furniture. These rubber feet are designed not to leave marks on furniture. However the use of certain furniture polishes could cause the rubber feet to soften and stick to your furniture. If this radio is going to be placed on fine, highly polished wooden furniture, you should place small self-adhesive felt pads on the rubber feet, or place a cloth between the radio and the surface of the furniture.

## AC Power Plug

This model is equipped with a polarized AC power plug that has one wide blade and one narrow blade. This plug will only fit in a polarized AC outlet. This is a safety feature designed to prevent electric shock. Do not try to defeat this safety feature by filing the wider blade or using an adapter to make this plug fit in a non-polarized outlet. If this plug will not fit in your outlet you should have your outlet changed by a qualified electrician.

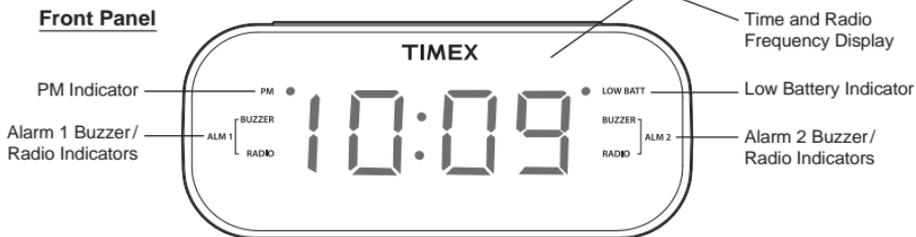


## FM Antenna

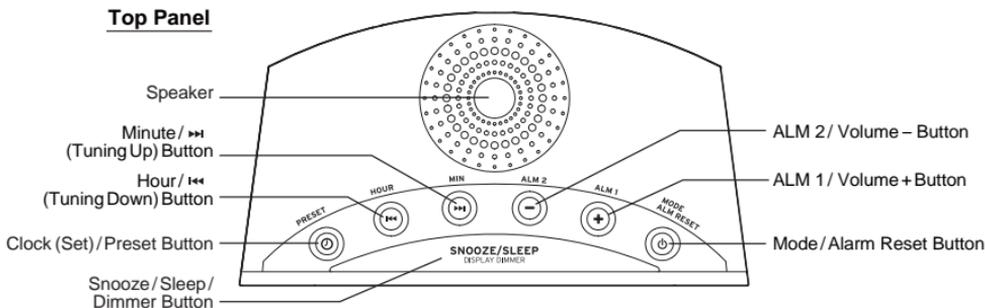
Unwind the FM wire antenna, located on the back cabinet, and extend it to its full length for best FM reception.

# Controls and Indicators

## Front Panel



## Top Panel



## Controls and Their Functions

**CLOCK (PRESET) Button** – When Radio is 'Off' press and hold to enter clock setting mode. When Radio is 'On' press and hold to store or recall a preset memory station.

**HOUR / ◀ (Tune Down) Button** – During radio operation press to tune the radio to a lower frequency. When in setting time/alarm mode, press to adjust the Hours display during time or alarm adjustments.

**MIN / ▶ (Tune Up) Button** – During radio operation press to tune the radio to a higher frequency. When in setting time/alarm mode, press to adjust the Minutes display during time or alarm adjustments.

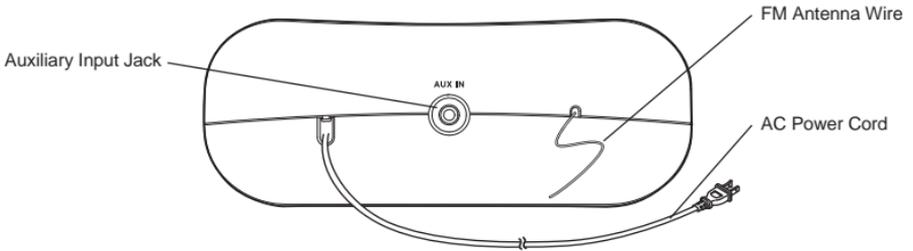
**ALM. 2 (VOL -) Button** – When Radio is 'Off' press and hold to enter Alarm 2 setting mode. When Radio or AUX is 'On' press to lower volume level.

**ALM. 1 (VOL +) Button** – When Radio is 'Off' press and hold to enter the Alarm 1 setting mode. When Radio or AUX is 'On' press to increase volume level.

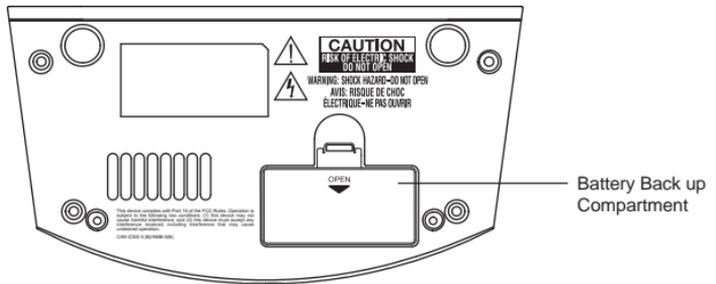
**MODE/ALM RESET Button** – Press to turn the radio 'on', to select FM, AM or AUX modes. Press and hold to turn the radio 'off' again. Pressing this button cycles the radio through the following modes: FM Band -> AM Band -> AUH (Aux In). When the alarm is sounding press to stop the alarm and reset it for the following day.

**SNOOZE / SLEEP / DIMMER Button** – When either alarm is sounding press to stop the alarm temporarily. After 9 minutes the alarm turns on again. When alarm is not sounding, press to activate the SLEEP timer and to adjust the sleep timer duration between 90 minutes and 10 minutes before auto shutoff. Press and hold to adjust the display brightness.

## **Back Panel**



## **Bottom Cabinet**



## **Battery Warning**

- Do not mix old and new batteries
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries

# Operating Instructions

Unwind the FM wire antenna and extend it to its full length.

Unwind the AC power cord completely and insert the plug into a 120V/60Hz AC outlet. Use an outlet that is always 'live'. Do not use an outlet that is controlled by a wall switch.

When the clock is connected to the AC outlet for the first time the display will turn on and begin flashing "12:00 (PM)". If you have not installed the back up batteries the Low Battery indicator will also appear in the display.

## Setting The Time

**NOTE:** The time can only be adjusted when the clock radio is in the OFF mode. If the radio is playing, press and hold the MODE/ALM RESET button until the display briefly shows 'OFF' and then reverts to the time.

1. If the display is flashing, press the HOUR /  button to advance the display to the correct hour. If the display is not flashing press and hold the CLOCK button until the display begins to flash, then press the HOUR /  button to advance the display to the correct hour. Observe the PM indicator to confirm that you have set the hour correctly. If the PM indicator is 'On' the hour on the display is PM. If the PM indicator does not appear the hour on the display is AM.
2. Press the MIN /  button to advance the display to the correct minute.
3. When the correct time is flashing on the display press the CLOCK / PRESET button once more. The display stops flashing and the clock begins to run.

## Setting The Alarm Time

This Timex clock radio has dual alarms that can be set and used independently. The initial default alarm settings are 6:00 AM for Alarm 1 and 7:00 AM for Alarm 2. The procedure for setting both alarms is the same.

**NOTE:** The alarm times can only be adjusted when the clock radio is in the OFF mode. If the radio is playing, press and hold the MODE/ALM RESET button until the display briefly shows 'OFF' and then reverts to the time.

1. Press and hold the ALM 1 button until the Alarm 1 time and the Alarm 1 Buzzer indicator begin flashing in the display, then release the button.
2. Press the HOUR /  button to advance the display to the desired wake-up hour. Observe the PM indicator to confirm that you have set the wake-up hour correctly. If the PM indicator is 'On' the wake-up hour on the display is PM. If the PM indicator does not appear the wake-up hour on the display is AM.
3. Press the MIN /  button to advance the display to the correct wake-up minute, and then release the button.
4. Press the ALM 1 button once more to confirm the wake-up time setting or after 10 seconds the display will stop flashing and the new wake-up time will be entered automatically. The display will return to the correct time of day but the Buzzer indicator will remain 'on' in the display indicating that the Alarm 1 is now set to wake you to the buzzer.
5. To change the alarm mode from buzzer to radio, or to cancel the alarm, press the ALM 1 button again. Press the ALM 1 button once more to select the Radio alarm. Press the ALM 1 button once more to cancel the alarm function. The alarm indicators disappear and the display returns to the correct time.
6. Follow the same procedure to set the Alarm 2 wake-up time.

**NOTE:** You must make the time and alarm time adjustments while the display is flashing. If no adjustments are made for approximately 10 seconds the display will stop flashing and cannot be adjusted. If this occurs you must start the time and alarm setting procedure again and make sure that you complete the adjustments while the display is flashing.

## Radio Operation

**MODE/ALM RESET Button** – When the unit is 'off' press the MODE/ALM RESET button repeatedly to select the following operating modes:

First Press – FM Radio band. The initial default display is 87.5 MHz.

Second Press – AM Radio band. The initial default display is 520 kHz.

Third Press – AUX (AUH) mode. To listen to an external audio source.

1. Press the MODE/ALM RESET Button to turn the radio 'on' and select the FM band. The initial FM frequency display is 87.5 MHz. Press the MODE/ALM RESET Button again to select the AM band. The initial AM frequency display is 520 kHz.
2. After selecting the desired band tune to a radio station by either the automatic or manual tuning method:
  - Automatic Tuning – If the LED display is showing the radio frequency, press and hold the HOUR / ◀ or MIN / ▶ button until the frequency display begins to move, then release the button. The tuner will search up or down for the next strong station and stop on that station. Repeat this procedure until the tuner stops on the desired station. After a few seconds the display will change from the radio frequency back to the correct time.
  - Manual Tuning – If the LED display is showing the radio frequency, repeatedly press the HOUR / ◀ or MIN / ▶ button until the display shows the frequency of your desired station. Use the Manual Tuning method to tune to weaker stations that could be bypassed during automatic tuning. After a few seconds the display will change from the radio frequency back to the correct time.
3. Press the ALM 1 (VOL +) or ALM 2 (VOL -) button to adjust the radio volume level. The display changes to show the volume level indication (00 to 20) during volume adjustments, then changes back to the radio station frequency, and then the current time.
4. To see the radio frequency display at any time, briefly press the MIN / ▶ or HOUR / ◀ button. The display will change from time to radio frequency for a few seconds and then change back to current time display.
5. When you are finished listening press and hold the MODE/ALM RESET button until the display shows 'OFF', then release the button. The display will then return to the correct time.

## Last Station Memory

The tuner remembers the last FM and AM station that you were listening to and automatically returns to those stations the next time you select the FM or AM mode.

## Preset Station Memory

The tuner can store up to 10 FM and 10 AM station in memory for easy recall. To store a station in memory:

1. Tune to the first station that you wish to store using either the Automatic or Manual Tuning methods described above.
2. When the display is showing the frequency of the desired station, press and hold the PRESETS button until the "P 01" indicator begins flashing in the display.
3. Press the PRESETS button once more to store your station in Preset Memory number 1. The preset indicator will automatically advance to "P 02".
4. Repeat steps 1 thru 3 until you have stored up to 10 stations of one band, then change bands and follow the same procedure to store up to 10 stations of the remaining band.

## To Recall A Preset Station

Tune to the desired band and then press the PRESETS button to scroll through the 10 preset memories to find your desired station.

## To Change A Preset Station

1. Tune to the new station that you want to store.
2. Press and hold the PRESETS button until the Preset Number indicator begins flashing.
3. Press the HOUR / ◀◀ or MIN / ▶▶ button until the preset number that you want to change is flashing in the display.
4. Press the PRESETS button once more. The new station is entered into the preset memory number that you selected and the previous station is deleted.

## Alarm Operation

1. When using this product for the first time, press and hold the ALM 1 or ALM 2 button to reconfirm the wake-up time setting. Follow the “Setting The Alarm Times” procedure above to adjust the wake-up times if necessary.
2. Continue pressing the ALM 1 or ALM 2 buttons to select either Buzzer or Radio as the wake-up source. The appropriate indicator will remain in the display to confirm your selection. **NOTE:** If you selected Radio as the wake up source make sure that the volume level is loud enough to wake you up in the morning. The alarm will turn on to the last station you were listening to before turning the unit off.
3. At the selected wake up time the buzzer or the radio will turn on. The alarm will continue for one hour and then shut off and reset itself for the following day.
4. To stop the alarm sooner, press the MODE/ALM RESET button. The alarm stops immediately and resets itself for the following day.
5. To reset one or both alarms so that they do not turn on the following day, continue pressing the ALM 1 or ALM 2 buttons until the Buzzer or Radio indicators no longer appear in the display.

## Snooze/Sleep/Dimmer Button

When the alarm is sounding press the SNOOZE/SLEEP/DIMMER button to stop the alarm temporarily for a few minutes extra sleep. The alarm will turn on again after 9 minutes. You may repeat the Snooze operation several times within one hour, but after one hour the alarm will not turn on again and will reset itself for the following day.

When the alarm is not sounding press the SNOOZE/SLEEP/DIMMER button to activate the Sleep to radio timer. The radio will turn on to the last tuned station and the display will show “90” indicating that the radio will play for 90 minutes before auto shutoff. To adjust the amount of sleep time, continue pressing the SNOOZE/SLEEP/DIMMER button to reduce the amount of time by 10 minutes with each press. When the Sleep timer counts down to “00” the radio shuts off automatically. To shut the radio off at any time press and hold the MODE/ALM RESET button.

You may adjust the radio volume level during sleep timer operation.

## **Dimmer (Display Brightness) Control**

By default the display brightness is set to the Hi level at our factory. Press and hold the DIMMER button once to reduce the display brightness to a low level. Press and hold again to return to full brightness.

## **Auxiliary Input (AUX IN) Jack (on back panel)**

You can listen to music from an external source such as an iPod, MP3 player, CD player, etc, through the speaker of your Timex clock radio. Use a 3.5mm stereo audio cable (not included) to connect the headphone jack of your external source to the AUX IN jack on the back panel of your Timex clock radio.

Press the MODE/ALM RESET button on the radio until the display shows "AUH". Begin playback on your external device. Adjust the volume level of the clock radio as desired. You may need to adjust the volume level on your external device as well.

When you are finished listening press and hold the MODE/ALM RESET button until the display shows 'OFF'. Don't forget to turn off your external device as well.

# **Care and Maintenance**

## **Replacing The Back Up Batteries / Power Failure**

Good quality alkaline batteries should last for at least one year under normal conditions. When the back up batteries start to lose power the Low Battery indicator will appear in the upper right corner of the display. Leave the clock radio connected to the AC outlet while replacing the exhausted batteries to avoid having to reset the time, alarm times, and radio preset station memories.

If you experience a power failure and the back up batteries are exhausted, the display will begin flashing when the power is restored. If you notice the flashing display you should first remove the exhausted batteries, install fresh batteries, and then reset the time, alarm times, and preset station memories as described in this manual.

## **Cleaning The Cabinet**

If the cabinet becomes dusty wipe with a soft, dry dust cloth. Never spray the cabinet with furniture dusting sprays. If the cabinet becomes dirty or smudged with fingerprints, wipe it with a soft cloth slightly dampened with a mild soap and water solution. Never use chemicals or abrasive cleaners. Never allow water or any other liquid to enter the cabinet.

There are no user serviceable parts inside this unit. To avoid the potential for electric shock never open the cabinet yourself. Refer all service problems to a qualified service technician at a factory authorized service center. Consult your warranty for more details.

## Limited 90 Day Warranty Information

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Timex Audio Products, a division of SDI Technologies Inc. (hereafter referred to as SDI), warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of ninety (90) days from the date of original purchase.

Should this product fail to function in a satisfactory manner, it is best to first return it to the store where it was originally purchased. Should this fail to resolve the matter and service still be required by reason of any defect or malfunction during the warranty period, SDI will repair or, at its discretion, replace this product without charge. This decision is subject to verification of the defect or malfunction upon delivery of this product to the Factory Service Center authorized by SDI Customer Service.

If service is still required, please call Customer Service at 1-800-888-4491 to obtain a Return Authorization Number and shipping instructions.

### Disclaimer of Warranty

NOTE: This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover (i) products which have been damaged by negligence or willful actions, misuse or accident, or which have been modified or repaired by unauthorized persons; (ii) cracked or broken cabinets, or units damaged by excessive heat; (iii) damage to digital media players, CD's or tape cassettes (if applicable); (iv) the cost of shipping this product to the Factory Service Center and its return to the owner.

This warranty is valid only in the United States of America and does not extend to owners of the product other than to the original purchaser. In no event will SDI or any of its affiliates, contractors, resellers, their officers, directors, shareholders, members or agents be liable to you or any third party for any consequential or incidental damages, any lost profits, actual, exemplary or punitive damages. (Some states do not allow limitations on implied warranties or exclusion of consequential damages, so these restrictions may not apply to you.) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Your acknowledgement and agreement to fully and completely abide by the above mentioned disclaimer of warranty is contractually binding to you upon your transfer of currency (money order, cashier's check, or credit card) for purchase of your SDI product.

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or call 1-800-888-4491 Toll Free

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