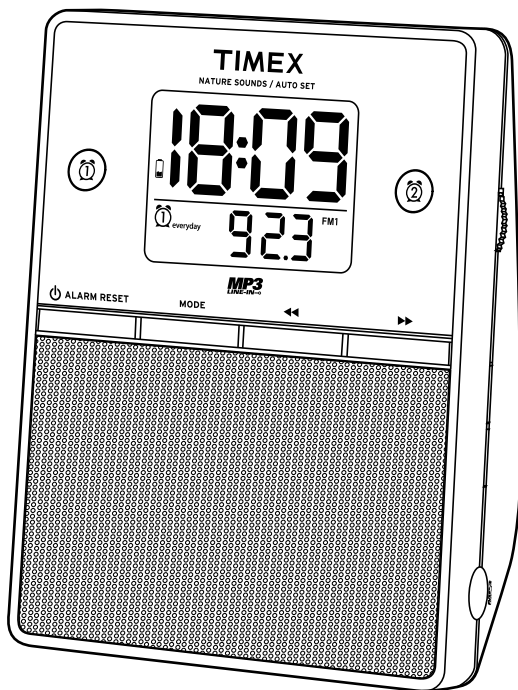


# TIMEX®

Model T312

## ***Nature Sound Clock Radio***



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

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



**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.



*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 back of the cabinet.**

**CAUTION:** To prevent electric shock, match wide blade of plug to wide slot. Fully insert.

**Note:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modification could void the user’s authority to operate the equipment.

# Table of Contents

FCC Information .....	1
A Consumer Guide to Product Safety.....	2
Installation and Maintenance.....	3
Getting Started .....	3
Installation	
Install Clock Backup Battery	
Controls and Indicators.....	4
Display with Indicators.....	5
Setting Up .....	6
Using the Alarms .....	6
Listening to Radio, Nature Sounds or other Portable Audio Devices .....	7
Sleep Operation.....	7
Dimmer Operation .....	7
Warranty Information .....	8

## FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

This equipment complies with the limits for a Class B digital device as specified in Part 15 of FCC Rules. These limits provide reasonable protection against radio and TV interference in a residential area.

However, your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference you can try one or more of the following corrective measures:

- Reorient or relocate the receiving antenna.
  - Increase the distance between the equipment and the radio or TV.
  - Use outlets on different electrical circuits for the equipment and the radio or TV.
- Consult your dealer or an experienced radio/television technician if the problem still exists.

Modifying or tampering with your system's internal components can cause a malfunction and might invalidate the system's warranty and void your FCC authorization to operate it.

# 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. Please read all safety and operating instructions carefully before installation and use. Keep these instructions handy for future reference. Take special note, adhere to all warnings, and always follow the instruction on the unit and in the instructions and service manuals.

1. **Warning for Battery** – Batteries shall not be exposed to excessive heat such as sunshine, fire.
2. **Water and Moisture** – The unit should not be used near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
3. **Ventilation** – The unit should be situated so that its location or position does not interfere with its proper ventilation. 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.
4. **Heat** – The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
5. **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.
6. **Grounding or Polarization** – This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). As a safety feature this plug will fit into the power outlet only one way. If you are unable to fit the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of your polarized plug.
7. **Power-Cord Protection** – Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. 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.
8. **Cleaning** – The unit should be cleaned only as recommended by the manufacturer. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
9. **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.
10. **Objects and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
11. **Attachments** – Do not use attachments not recommended by the product manufacturer as they may cause hazards.
12. **Lightning** – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
13. **Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
14. **Damage Require Service** – The unit should be serviced by qualified service personnel when:
  - A. The power supply cord or plug has been damaged.
  - B. Objects have fallen into or liquid has been spilled into the enclosure.
  - C. The unit has been exposed to rain.
  - D. The unit has been dropped or the enclosure damaged.
  - E. The unit does not appear to operate normally or exhibits a marked change in performance.
15. **Antenna** – Do not connect to an external antenna.
16. **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. If you have any questions, call SDI Technologies Inc. Timex Audio Products Division Customer Service, 1-800-888-4491.
17. **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.

## Installation and Maintenance

1. Place unit on a level surface away from sources of direct sunlight or excessive heat.  
**Note:** Protect your furniture when placing your unit on a natural oil or lacquered finish. A cloth or other protective material should be placed between it and the furniture.
2. For automatically hourly chime alarm, the unit should place in suitable light environment.
3. Open battery compartment and install batteries as Getting Started.
4. Clean your unit with a soft cloth moistened only with mild soap and water. Stronger cleaning agents, such as Benzine, thinner or similar materials can mar the surface of the case.
5. If the unit is not to be used for a prolonged period, such as a month or longer, remove the batteries to prevent possible corrosion. Should the battery compartment become corroded or dirty, clean the compartment thoroughly and replace all the batteries.

## Getting Started

### Installation

After installing the backup batteries (see below) and reading the Maintenance notes, plug the AC cord into an outlet.

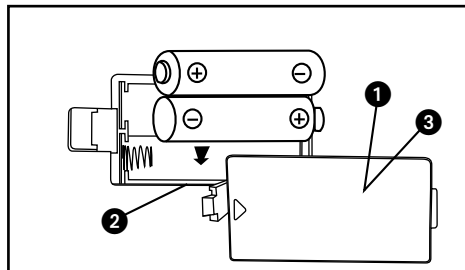
### Install Clock Backup Battery

The T-312 uses 2 **AAA** batteries to provide continuous alarm operation and clock settings in the event of a power failure. If the Backup Batteries have been installed and a power failure occurs or the AC cord is accidentally disconnected, the display backlight will not remain lit, but current time and alarm time settings will be temporarily maintained. Otherwise, you must reset the time and alarm settings.

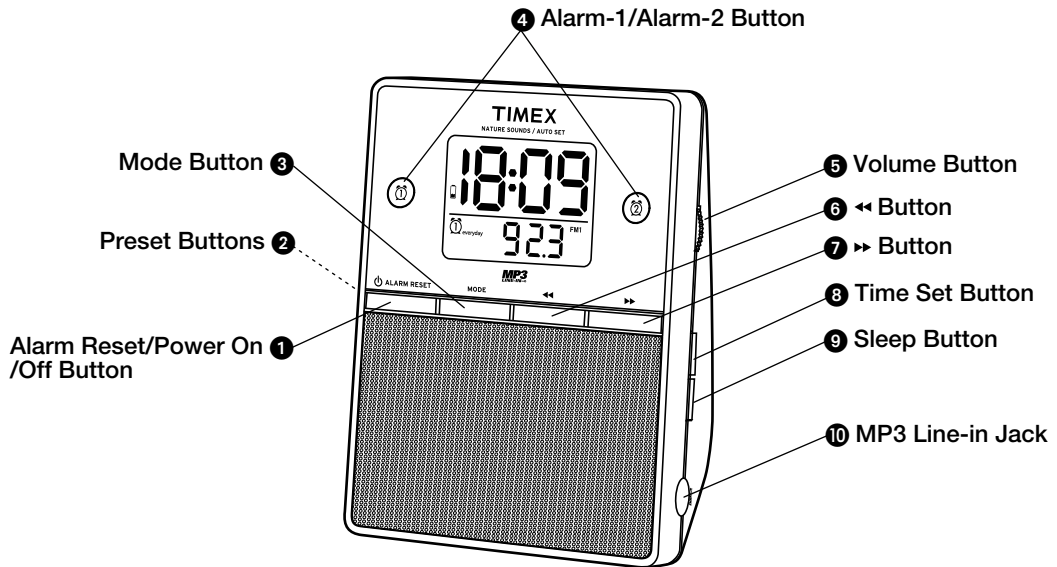
If the Battery Low Icon located on the left of the display is flashing, it is time to replace the backup batteries.

1. Please make sure the AC power is connected. Otherwise all settings may be lost during battery replacement.
2. Open backup battery compartment door located on the bottom of the unit.
3. Insert 2 **AAA** batteries, checking that the polarity (+ and – ends of the battery) matches the drawing inside the battery compartment. Close the compartment door.

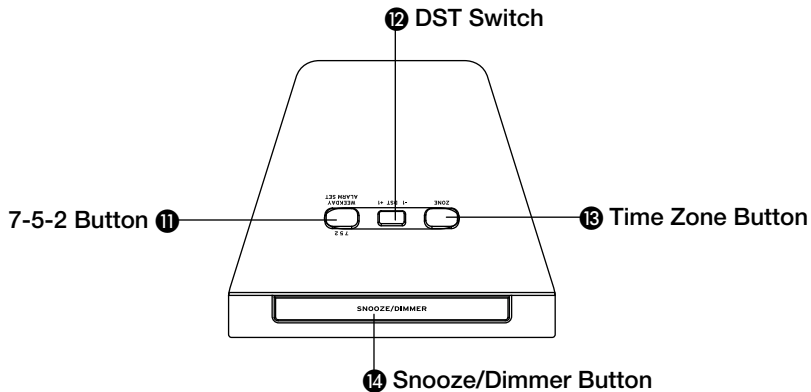
**Note:** Make sure you dispose of batteries properly (see your local regulations).



# Controls and Indicators

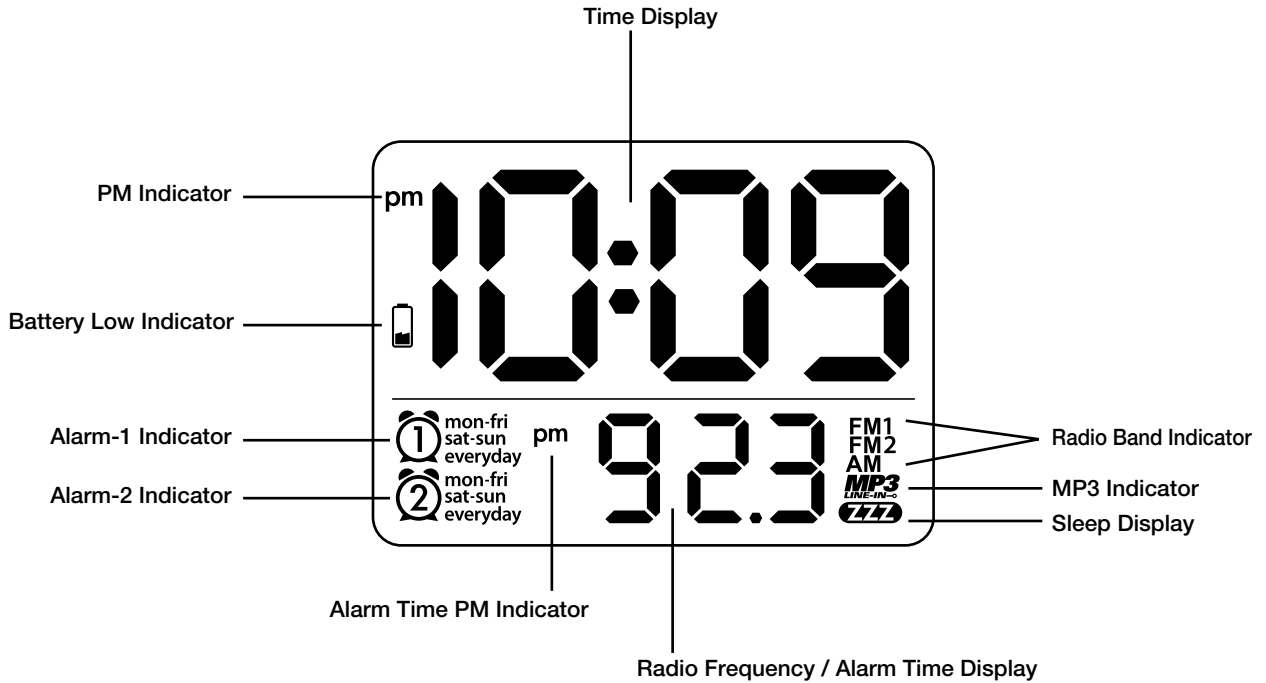


**Perspective view**



**Top view**

# Display with Indicators



## Setting Up

---

1. Depending on your location and whether or not Daylight Saving Time (**DST**) is in effect, set the **12 DST Switch** located on the back of the unit to +1 or -1 to activate the DST adjustment feature. Activating the +1 switch will advance the time one hour; setting to -1 will subtract one hour.
2. The unit is pre-set at the factory for Eastern Standard Time. Press and hold the **13 Time Zone Button** located on the back of the unit for approx. 2 seconds until the Time Zone Indicator at the lower part of the display flashes the current time zone. Press the **6 <<** or **7 >>** **Button** to select the time zone for your location.
3. Press **Time Zone Button** again (or if no button is pressed within approx. 10 seconds) to exit the setting mode.

### Setting Time and Calendar

1. Press and hold the **8 Time Set Button** located on the right side of the unit for 2 seconds until the display flashes. Press the **<<** or **>>** **Button** until the current time is displayed. Holding the button for a few seconds will advance or reverse rapidly. Remember to set the correct **AM** or **PM**. An icon in the upper left hand corner of the time digits is the **PM Indicator**; there is no **AM indicator**.
2. Press the button again to accept the current setting and set the current year. Press the **<<** or **>>** **Button** until the current year is displayed. Press the **Time Set Button** to confirm year setting after adjustment. The display will change to show flashing date.
3. Press the **<<** or **>>** **Button** until the current date is displayed. Holding the button for a few seconds will advance or reverse rapidly.
4. Press the **Time Set Button** again (or if no button is pressed within approx. 10 seconds) to exit the setting mode.

## Using the Alarms

---

### Setting the Alarms

1. Press and hold the **4 Alarm-1 or Alarm-2 Button** for 2 seconds until the alarm time flashes in the lower part of the display. Press the **<<** or **>>** **Button** to set the alarm time. Holding the button for a few seconds will advance or reverse rapidly. Remember to set the correct **AM** or **PM** time.
2. Press the **Alarm 1 (or Alarm 2) Button** to accept the alarm time. Next, select your wake-to source.  
**To wake to radio:** press the **3 Mode Button** to select AM, FM1 or FM2. Press the desired radio station preset button. (See Listening to Radio on page 7 for details on setting radio presets.) Follow steps 3 and 4 below to complete alarm setting.  
**To wake to nature sounds:** press the **3 Mode Button** to select nature sounds mode. Use the **6 <<** or **7 >>** **Button** to select one of the four nature sounds. You can set each alarm to a different sound source.
3. Press the **11 7-5-2 Button** to select which days the alarm will sound: everyday, mon-fri or sat-sun.
4. Press the **4 Alarm Button** again or wait for 10 seconds. Alarm is now armed, indicated by the numbered alarm clock icon.

### Arming and Disarming Alarm (Turn Alarm Function On and Off)

1. Press the **Alarm 1 (or Alarm 2) Button** once. The unit will show the current alarm time on the bottom part of the display . Press again to disarm the alarm. The alarm is set to go on when an alarm icon is displayed.

### Resetting the Alarm to Come on the Next Day

1. When the alarm is sounding, press the **1 Alarm Reset/Power On/Off Button** to silence the alarm and reset it to come on the following day at the same time.

### Snooze Operation

1. Press and hold the **14 Snooze button** during normal operation to set the Snooze period. Press the **>>** **Button** or **<<** **Button** to set the snooze period from 1 to 30 minutes (press and hold to advance/reverse rapidly).
2. Press the **Snooze Button** once the alarm sounds. The alarm will turn off then come back on after the selected snooze period. You may repeat this several times during the one-hour alarm cycle.

### Sure Alarm

The T312 has a sure alarm feature so the buzzer alarm will still sound in the event of power failure, if backup batteries are installed.

## Listening to Radio, Nature Sounds or Other Portable Audio Devices

---

**Note:** Extend FM wire antenna fully for best FM reception. Rotate the unit, as required, for best AM reception.

1. Press the **① Alarm Reset/Power On/Off Button** to turn on the unit.
2. Press the **③ Mode Button** to select radio play mode ( **AM**, **FM1** or **FM2** radio band ) , nature sounds or other portable audio device through **MP3 Line-in**.
3. For radio band, press the **⑥ <<** or **⑦ >> Button** to tune the radio to a desired station. To memorize the current station as a preset, press and hold **② Preset Button** 1, 2, 3 or 4. Repeat step 1-4 to preset up to 12 stations (4 AM and 8 FM). To listen to a preset station at any time, simply press the desired preset button.
4. For Nature sounds, press **<<** or **>> Button** to set the desired nature sound.
5. For Line-in devices, plug one end of the audio patch cord (included) into the headphone or line-out jack on your device and the other end of the patch cord into the T-312 **⑩ MP3 Line-in Jack**, located on the right side of the unit. Turn on and play your device and adjust volume on your device if necessary.
6. Turn the **⑤ Volume Button** on the main unit to adjust the volume.
7. To turn off the unit, press the **① Alarm Reset/Power On/Off Button** to turn it off. Remember to turn off your external audio device, too.

## Sleep Operation

---

Sleep mode lets you sleep to MP3, nature sounds or the radio. The unit will shut off automatically at the selected sleep time.

1. Press the **⑨ Sleep Button** to enter sleep mode. The Sleep Icon will appear on the display to indicate sleep mode. The unit will automatically turn off after the selected time. Sleep mode has a Gentle Sleep feature which gradually lowers the volume before shutting off .
2. You can adjust the sleep timer from 90, 60, 30 or 15 minutes by pressing the **⑨ Sleep Button** again.
3. After setting the sleep timer, pressing the **Sleep Button** once will show the sleep time remaining. Pressing it again will change sleep time to next lowest increment.
4. To stop listening at any time, press the **① Alarm Reset/Power On/Off Button** on main unit to turn it off.

## Dimmer Operation

---

During normal operation, press the **⑭ Snooze/Dimmer Button** to control the brightness of the LCD display.

## Limited 90-Day Warranty Information

---

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

Should service be required by reason of any defect or malfunction during the warranty period, SDI Technologies will repair or, at its discretion, replace this product without charge (except for a \$10.00 charge for handling, packing, return UPS/postage, and insurance). This decision is subject to verification of the defect or malfunction upon delivery of this product to the Factory Service Center listed below. The product must include proof of purchase, including date of purchase. The fee for service after the warranty period or without proof of purchase is \$30.00.

Before returning this product for service, please first replace the batteries (if applicable) with fresh ones, as exhausted or defective batteries are the most common cause of problems encountered.

If service is still required:

1. Remove batteries (if applicable) and pack the unit in a well-padded, heavy corrugated box.
2. Enclose a photocopy of your sales receipt, credit card statement, or other proof of the date of purchase.
3. Enclose a check or money order payable to the order of SDI Technologies, Inc. for the sum of \$10.00 (or \$30.00 if after the warranty period or without proof of purchase).
4. Send the unit prepaid to the Factory Service Center listed below:

### **Consumer Repair Department**

SDI Technologies Inc.  
Timex Audio Products Division  
1330 Goodyear Drive  
El Paso TX 79936-6420

**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, 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 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 subsequent to the original purchaser. Any applicable implied warranties are also limited to 90 days, and SDI Technologies will not be liable for consequential 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.

**© 2008 SDI Technologies, Inc. All rights reserved**

**TIMEX is a registered trademark of Timex Corporation the United States and other countries**