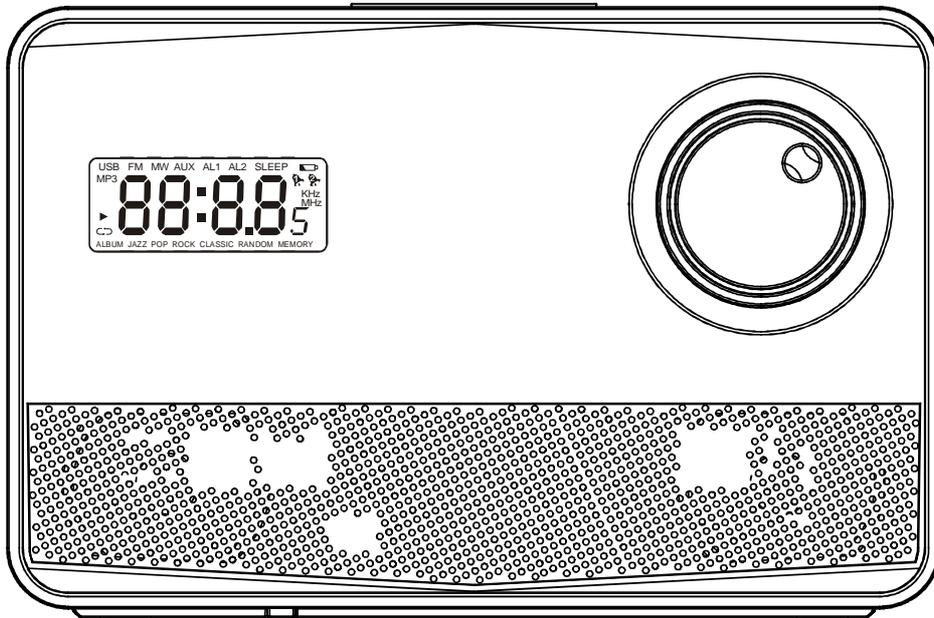


# TEAC

## PRX-250

**Dual Alarm LCD Clock PLL FM/AM Radio with  
USB port and Automatic Time Setting System**



## Instruction Manual

**Thank you for buying this TEAC product. Please read this manual carefully to get the best performance from Dual Alarm LCD Clock PLL FM/AM Radio with USB port and Automatic Time Setting System.**

## PRECAUTIONS

Follow the instructions below to ensure the product is used safely and correctly.

### LOCATION

- . Do not use the unit in places which are extremely hot, cold, dusty, or humid.
- . Place the unit on a flat, level surface.
- . Do not restrict the airflow around the unit by placing it in a place with poor ventilation, covering it with a cloth, or placing it on a carpet.
- . Do not place the unit close to heat sources.
- . Use the unit only in moderate climates.
- . Do not expose the unit to rain or splash with water
- . Do not place objects filled with liquids such as vases on the unit.

### SAFETY

- . When connecting and disconnecting the AC power cord, take hold of the plug and not the cord. Pulling the cord may damage it and may be dangerous.
- . The mains plug is used as the disconnect device. The plug must be easily accessible.
- . When you are not going to use the unit for a long period of time, disconnect the AC power cord from the AC mains outlet.

### AC VOLTAGE

- . Before use, check that the rated voltage of your unit matches your local voltage.

### CONDENSATION

- . When there is condensation inside the unit, it may not function normally.
- . Unplug the unit for 1 to 2 hours before turning the power back on, or gradually heat the room up and dry the unit before use.
- . Ensure a space of at least 5 cm around the apparatus to enable sufficient ventilation.
- . Do not cover the ventilation openings.

### BATTERIES

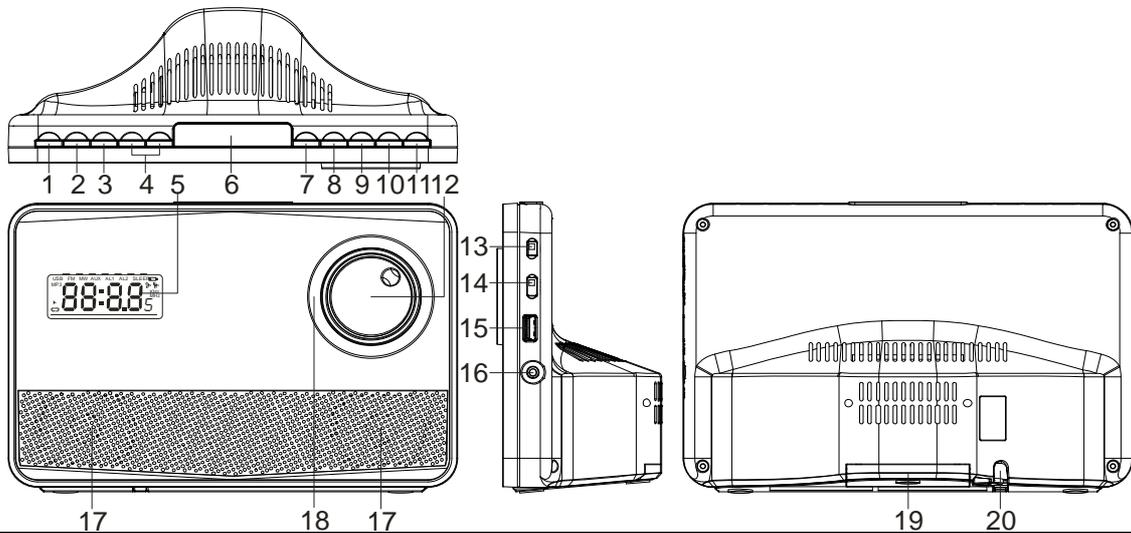
- . Pay attention to the environmental aspects of battery disposal.

	<div style="border: 1px solid black; padding: 5px; background-color: black; color: white;"> <p style="margin: 0;"><b>CAUTION</b></p> <p style="margin: 0;">RISK OF ELECTRIC SHOCK</p> <p style="margin: 0;">DO NOT OPEN</p> </div>	
<p>The lightning flash with an arrowhead symbol within a triangle is a warning sign alerting the user to the presence of "dangerous voltage" inside the unit.</p>	<p><b>ATTENTION</b> : To reduce the risk of electric shock, do not remove the cover. There are no user serviceable parts inside the unit. Refer all servicing to qualified personnel.</p>	<p>The exclamation mark within a triangle is a warning sign alerting the user to the presence of important instructions accompanying the product.</p>

## BOX CONTENTS

1. The unit with clock back up batteries
2. Instruction manual

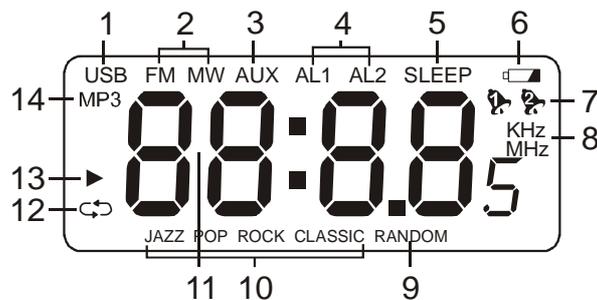
## LOCATION OF CONTROLS



- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. (Alarm) <b>AL1/EQ</b> button</li> <li>2. (Alarm) <b>AL2/RPT</b> (Repeat) button</li> <li>3. <b>TIME SET</b> button</li> <li>4. <b>◀/▶</b> (Previous/Next) buttons</li> <li>5. LCD display</li> <li>6. <b>SNOOZE/SLEEP</b> button</li> <li>7. <b>PRESET/MEM</b> (Memory) button</li> <li>8. <b>▶  </b> (Play/Pause) button</li> <li>9. (Stop) <b>■</b>/<b>BAND</b> button</li> <li>10. <b>SOURCE</b> button</li> </ol> | <ol style="list-style-type: none"> <li>11. <b>ON/ST.BY</b> button</li> <li>12. Volume dial</li> <li>13. (Day Saving Time) <b>DST</b> switch</li> <li>14. (Dimmer) <b>DIM</b> switch</li> <li>15. USB port</li> <li>16. AUX IN jack</li> <li>17. Speakers (2x)</li> <li>18. Volume dial illumination</li> <li>19. Clock back up battery compartment</li> <li>20. AC power cord/FM antenna wire</li> </ol> |
|---|--|

### LCD display

1. USB mode
2. FM / MW (AM) mode
3. AUX IN mode
4. AL1 / AL2 alarm time set
5. SLEEP mode
6. Clock back-up battery low indicator
7. AL1 / AL2 alarm mode
8. Unit of radio frequency
9. Random play
10. EQ mode
11. Digit and text display



12. Repeat playback
13. Play
14. MP3 file

## INSTALLING CLOCK BACK UP BATTERY

### Clock back up

The clock and alarm time can be maintained against power failure by using 2 x AA/ LR06 batteries supplied in the unit. During a power interruption, the time may go forward or back slightly and may require resetting.

### Battery insertion

1. Open the battery compartment on the bottom of the unit.
2. Remove the old batteries and insert 2 x AA/ LR06 batteries (alkaline batteries are recommended) into the battery compartment, following the correct polarities marked inside.
3. Replace the battery cover.

*Note: The battery can last for three years. For optimum performance, the battery should be replaced when the battery low indicator blinks on the display.*

### Precautions when using batteries

1. Replace only with the same or equivalent type of battery.
2. Ensure you follow the correct polarities when installing the batteries (see marks in the battery compartment). Reversed batteries may damage the unit.
3. Exhausted batteries must be removed as they may leak.
4. Dispose of batteries properly according to environmental regulations.

## OPERATING INSTRUCTIONS

### Connecting the power supply

Insert the AC power cord plug into an AC 230V ~ 50Hz mains outlet. The clock time will automatically be set correctly. All you need to do is to slide the **DST** switch to the “**ON**” for daylight saving time in summer or “**OFF**” position for winter. Press the **ON/ST.BY** button to turn on the unit. Press it again to go to standby mode.

### Clock time setting

#### Set the clock

If a power failure occurs and the clock back up batteries are flat or have not been inserted into the unit, you can set the time manually.

1. In standby mode, press and hold the **TIME SET** button and the hour digits flash.
2. Press the **◀/▶** button to set hour and then press **TIME SET** to confirm.
3. The minute digits will flash. Repeat above step to set minute.

### Dimmer function

To adjust the display brightness, slide the **DIM** switch to **1**, **2** or **3**. At position “**1**”, the volume dial illumination will be off.

### Alarm operation

The unit allows you to wake up by buzzer, radio or USB.

In standby mode, press and hold the **AL1/AL2** button and the hour digits flash.



1. Press the **◀/▶** button to set hour and then press **AL1/AL2** to confirm.
2. The minute digits will flash. Repeat above step to set minute.
3. Then, press the **◀/▶** button to select the alarm mode: radio (**r Rd**), USB (**U Sb**) or buzzer (**b UZ**). Press the **AL1/AL2** button to confirm.

4. Press **◀/▶** button to select the alarm volume level. Press the **AL1/AL2** button to confirm and complete the alarm setting.
5. To enable or disable the alarm function, press the **AL1/AL2** button repeatedly. The corresponding alarm indicator (🔔 or 🔕) will be displayed.
6. When preset alarm time reaches, the unit will alarm at selected alarm mode.
7. To stop the alarm, press the **ON/ST.BY** button. It will alarm again the next day.

Note:

- The alarm volume increases gently from level “8” to selected volume level.
- When AC power is disconnected, only alarm mode by buzzer is possible.

### Snooze function

When alarm sounds, press the **SNOOZE/SLEEP** button to stop the alarm temporarily. The corresponding alarm indicator will flash and the unit will alarm again after 9 minutes. To cancel **SNOOZE** function and repeat the alarm the next day, press the **ON/ST.BY** button.

### Sleep function

It allows you to listen to the radio up to 90 minutes and after that, the radio turns off automatically.



1. When the unit is switched on, press the **SNOOZE/SLEEP** button, and “SLEEP 90” is displayed.
2. Press the **SNOOZE/SLEEP** button repeatedly to select the duration: 90, 80...10 minutes, or 00.
8. When preset sleep duration elapses, the radio turns off automatically.
9. To cancel sleep function before preset sleep duration elapses, press the **ON/ST.BY** button to turn off the radio immediately.

### EQ sound mode

Press the **AL1/EQ** button repeatedly to select an EQ sound mode: JAZZ, POP, ROCK, CLASSIC or normal. The corresponding text will be displayed.

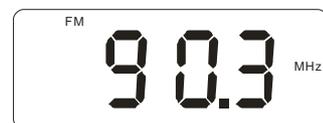
### Clock display

The clock is always displayed when the unit is switched on.

## RADIO OPERATION

### Listen to the radio

1. Press the **SOURCE** button to select radio mode.
2. Press the **■/BAND** button to select FM or MW (AM).
3. Press and hold down the **◀/▶** button and the unit will automatically search up / down for a radio station.  
For manual fine-tuning, you can press these buttons repeatedly to adjust the frequency step by step.



### Achieve optimum reception

In FM mode, extend and position the FM antenna wire to achieve optimum reception.

In MW (AM) mode, orientate the unit to achieve optimum reception.

## Preset radio stations

You can store up to 20 stations for FM and 10 stations for AM.

1. Use the **◀/▶** buttons to search for a desired station. Press and hold the **PRESET/MEM** button and the station number "P0X" will flash.
2. Press the **◀/▶** button to select a desired station number.
3. Press the **PRESET/MEM** button again to confirm the setting.
4. Repeat steps 1 to 3 to store any other desired stations.



## Listening to a preset station

When listening to the radio, press the **PRESET/MEM** button repeatedly to select a preset radio station.

## USB DEVICE OPERATION

Insert a USB device into the **USB** port. Press the **SOURCE** button to select USB mode.

*Note: Due to technical differences, some models of USB devices or MP3 players may take longer to be read or may not even be read.*

## Start/Pause playback

1. The unit will read the USB device content and after reading, the first track will be played.

*Note: The track number and elapsed track duration will appear a short moment before the clock time is displayed.*

2. Press the **▶||** button to pause or resume playback.

*Note: The default playback mode is Repeat All "↺↻".*



## Stop playback

Press the **■** button to stop playback. The total tracks will be displayed.

## Skip function

### Skip to next/ previous track

Press the **◀/▶** button to skip to previous or next track.

## Playback modes

Press the **AL2/RPT** button repeatedly to select the following playback modes listed in the table.

Playback mode	Icons displayed	Description
Repeat All	↺↻	Repeat all the tracks. (Default mode)
Repeat One	↺↻ blinks	Repeat the current track.
Random	RANDOM	Play the tracks in random order.

## AUX IN FUNCTION

This unit has an **AUX IN** jack which allows you to connect your external audio devices such as MP3 players.

1. Connect a 3.5 mm stereo connection cable (not supplied) to the AUX IN jack of the unit and the phones/line out jack on your external audio device.
2. Press the **SOURCE** button to select AUX mode.
3. Operate your external audio device as usual to select and play the music.
4. Adjust the volume controls on both your external audio device and this unit to the desired volume level.

## MAINTENANCE

### Care and maintenance

To clean the casing, unplug the unit and wipe off dust and stains with a soft cloth moistened with a mild soap and water solution only. Do not use benzene, thinner or similar chemicals to clean the casing.



If at any time in the future you want to dispose of this product, please note that electrical products should not be disposed of with household waste. Find out where your nearest recycling centre is. Consult your local authority or retailer for more details. (Waste Electrical and Electronic Equipment Directive)

## TECHNICAL SPECIFICATIONS

### Radio

Tuning range	FM 87.5 – 108 MHz MW (AM) 522 – 1620 kHz
Antenna	FM wire antenna MW (AM) built-in ferrite bar
USB port	2.0
Supported file format	MP3
Maximum handling capacity	32 GB

### General

Output power	2 x 4 W (r.m.s.)
Power consumption (nominal)	23 W
Speaker	2 -1/4" diameter (57 mm), 8 Ohm impedance
Power source	Input: AC 230V ~ 50Hz
Clock back up battery	3V (2 x 1.5V, AA/LR06 batteries)
Dimension	150 (H) x 228 (W) x 80 (D) mm
Weight	1.2 Kg

*Note: Due to continuing improvement, the technical specifications are subject to change without notice.*

# **TEAC**

**NZ Distributor  
Direct Imports (NZ) Ltd  
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