

# PTEC



## CLOCK RADIO USER MANUAL

Thank you very much for buying the PTEC TAMARO. In order to let you freely operate the product and fully enjoy the overbalancing happiness it brings you, we have introduced each function of the player in detail in this user manual. Please carefully read this user manual before use and keep for future reference.

If you pass the Clockradio on to someone else, make sure to give them all the relevant documents with it.

The device has been developed for the receiving DAB+/FM radio programs. The device has been designed for private use and is not suitable for commercial purposes.

The items enclosed in the packaging box are as follows:

PTEC TAMARO  
Power adaptor  
User manual

Do not drop the device and do not expose it to liquid, moisture or humidity. These might lead to damage to the device.

If the device is moved from a cold environment into a warmer one, do let it adapt to the new temperature before operate the device. Otherwise, it might lead to condensation and cause malfunctions in the device.

Do not use the device in the dust environment as dust can damage the interior electronic components and lead to malfunctions in the device.

Protect the device from strong vibrations and place it on stable surfaces.

Do not attempt to disassembly the device.

If the device is not using for a long period of time, disconnect it from the power supply by unplugging the power plug. This is to avoid the risk of fire.

The ventilation should not be impeded by covering the ventilation openings with items, such as

newspapers, table-cloths, curtains, etc.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

### Risks associated with high volumes

Listening the device with headphones, always reduce the volume before put on the headphones.

After the headphones are positioned properly, increase the volume to the desired level.

To prevent possible hearing damage, do not listen at high volume for long periods.



## 1.Features/Technical Specifications

Mode: DAB (174-240MHz), FM (87.5-108 MHz), Bluetooth.

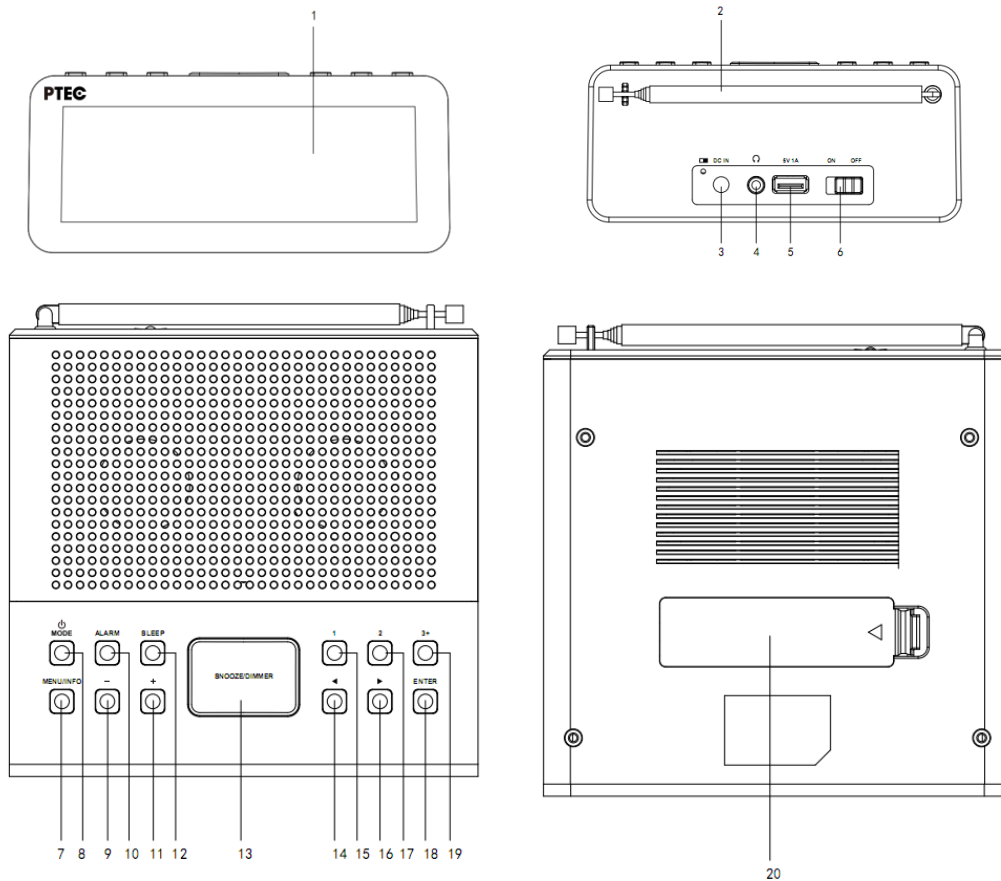
LCD display: black background white fonts

Input voltage: AC: 100V-240V 5.9V 2A

Output power: 2\*2W

Bluetooth: V4.2

## 2.Main keys



1. LCD Screen
2. Telescopic antenna
3. DC IN
4. Headphone socket
5. USB charge (**only for charge 5 V / 1A**)
6. ON/OFF button
7. Menu / Info button
8. Standby / Mode button
9. Alarm
10. Vol- button
11. Vol+ button
12. Sleep button
13. Snooze / Dimmer button
14. Previous button
15. Preset 1 button
16. Next button
17. Preset 1 button
18. Enter button
19. Preset 3+ button
20. Battery compartment

### **3. Switch On/Off radio**

Initial use

Before operation, please make sure that VOLTAGE mentioned on the Standby supply is same as the voltage of your local area. Use the supplied mains adaptor to connect the device to a household mains socket.

Connect the mains adaptor to the DC jack, fully extend the telescopic antenna, plug in and switch on at the mains. "Welcome to Digital Radio" will be shown on the screen and the clock( 00:00)(Time is not set) will flash in the display. (Initial use or after "Factory reset", pls set the time, long press Menu/Info in working mode, then Enter button to set Settings –Time/Date", or press "Standby /mode" button to scan the radio.

When DAB mode is activated for the first time, a scan will automatically commence or will play the last station before the unit was turned off.

Press "Mode/ Standby" button repeatedly to switch between DAB, FM and Bluetooth.  
Long press "Mode / Standby" button into Standby mode.

### **4. DAB function**

Press the “Mode / Standby” button repeatedly to switch to DAB mode.

The DAB mode will automatically be selected and the first time the radio is connected to the supply the radio will perform a quick scan. The display will show ‘Scanning’ a slide bar that indicates the progress of the scan, the name of the last station found and the total number of stations found so far.

When the scan is finished the radio will play the first alphanumerically found station. If the radio does not find any stations, ‘AUTO SCAN NOW’ displayed. Press Enter to scan again.

To listen to all stations that have been stored use the Prev and Next button to scroll through them. Press the “Enter” button when on the required station.

The radio will display station information when you press the ‘Info/Menu’ button. Press multiple times to view all information available.

When you turn on the radio again after it switching off, it will automatically tune to the same station (DAB or FM) that was last selected.

Remarks : **In DAB mode, the radio will synchronize with the time and date of the station.**

### **Station information for DAB Radio**

Signal Strength : Displays a signal bar with the strength of the current station.

PTY (Programme Type) : shows the type and description of the program provided by the DAB station.

Station name : Shows station name

Channel and Frequency : Displays the station’s transmission channel number and frequency.

Signal Error : Provides details of the signal error rate.

Bit Rate : The data rate which the signal is being transmitted.

Time : Shows the hour/min/sec

Date: shows DD/MM/YEAR

### **How to store a preset station**

Up to 20 stations can be set. To store a station that you are currently playing :

Press and hold ‘1’ or ‘2’ button. ‘Empty’ will show on the display, press Enter, the display will then show ‘Preset # Stored’.

Press and hold ‘3+’ button, press ‘Prev’ or ‘Next’ button to select the number (1-20) you want to store the station as. Then press the “Enter” button to save. The display will then show ‘Stored’.

### **How to recall a preset radio station**

Press the ‘1’ or ‘2’ button into preset 1 or preset 2 to play the stored station.

Press ‘3+’ button, and press the ‘Prev’ or ‘Next’ button to scroll through your preset stations. Press “Enter” button to confirm.

### **Menu**

Press and hold the ‘Menu/info’ button to step into setting surface

#### **Auto scan now**

Select ‘Auto scan now’ by pressing “Enter” button to start scanning.

#### **Manual Scan**

Select ‘Manual Scan’ by pressing “Enter” button to choose from 5A 174.928mhz to 13F

239.200mhz, then press 'Enter' to play scan

### **DRC**

Select 'DRC' by press next button, then press "Enter" button to step into, DRC off/DRC high/DRC low can be optional, then press "Enter" button to confirm.

### **Prune**

If want to delete such stations without signal in the station list, press enter button, select 'Yes' or 'NO' by press next/ Prev button, then press "Enter" button to confirm.

### **Kitchen Timer**

Press 'Enter' to set timer, 00 :00, press previous /next button to choose the hour and minutes and press 'Enter' to save.

### **Settings**

Press Enter into Settings.

**Equaliser**, press Enter into Treble or Bass, then press previous /next button to choose the number from -3 ~+3 and press Enter to save the setting.

### **Time /Date**

1) Set Time/Date

Press next/prev button to select hour/min/date/month/year, then press "Enter" button to confirm and saved.

2) Auto update

Press next button to select 'No update' or 'Update from Both' or 'Update from DAB', or 'Update from FM', then press "Enter" button to confirm.

3) Set 12/24 hour

Press next button to select 12 or 24 Hour format and Press enter to confirm

4) Set Date format

Press next button to select 'DD-MM-YYYY' or 'MM-DD-YYYY', then press "Enter" button to confirm.

### **Language**

Press next button to select English/ Français /Deutsch/Italiano/ Espanol, then press "Enter" button to confirm.

### **Factory Reset**

Press next button to select 'No' or 'Yes', then press "Enter" button to confirm.

### **SW version**

Press "Enter" button to check the SW version of unit.

## **5 FM function**

Press the 'Mode' button multiple times to switch to 'FM' mode. The first time you do this, FM frequency '87.5 MHz' will be displayed on the screen.

Fully extend the antenna.

Press and hold the 'Prev/Next' button can start scanning up the frequency band and play the first station it finds with good signal.

Furthermore, press the 'Prev/Next' button can scan back or forward by each 5mhz.

The radio will display station information when you press the 'Info/Menu' button, press multiple times to view all information.

## **Menu**

### **Scan setting**

Press and hold the 'Menu/Info' button to step into, then press next button to select 'Scan setting', press "Enter" button to confirm.

Press next button to select 'All stations' or 'Strong stations only', then press "Enter" button to confirm.

### **Audio setting**

Press and hold the 'Menu/Info' button to step into, then press next button to select 'Audio setting', press "Enter" button to confirm.

Press next button to select 'Stereo Allowed' or 'Forced mono', then press "Enter" button to confirm.

### **Station information for FM Radio**

Signal Strength : Displays a signal bar with the strength of the current station.

PTY (Programme Type) : shows the type and description of the program provided by the FM station.

Station name : Shows station name

Audio Type : Displays the audio type of the station you are listening to. It will either be stereo or mono.

Time : Shows the hour/min/sec

Date : Shows the date/month/year

### **How to store a preset station**

Up to 20 stations can be set. To store a station that you are currently playing :

Press and hold '1' or '2' button. 'Empty' will show on the display, press Enter, the display will then show 'Preset # Stored'.

Press and hold '3+' button, press 'Prev' or 'Next' button to select the number (1-20) you want to store the station as. Then press the "Enter" button to save. The display will then show 'Stored'.

### **How to recall a preset radio station**

Press the '1' or '2' button into preset 1 or preset 2 to play the stored station.

Press '3+' button, and press the 'Prev' or 'Next' button to scroll through your preset stations. Press "Enter" button to confirm.

## **6. Bluetooth function**

Press the 'Mode' button multiple times to switch to 'Bluetooth' mode.

Connect the Bluetooth pairing name "PTEC Tamaro" on your device, and then start the playback.

Press enter button to play/pause the music.

Press vol-/vol+ button to adjust the volume.

Press the Next/Previous button to select forward track or previous track.

Press Enter button to disconnect the Bluetooth connection.

### **Alarm Setting**

Note: Check that the radio has the correct time and date before you set an alarm.

Press Alarm button to select Alarm 1 or Alarm 2, then press "Enter" button to confirm.

Then press next button to select alarm on or off, then press enter button to confirm

Select hour/min by pressing next button, then press "Enter" button to confirm.

Press next button to select Alarm source (DAB/FM/Buzzer), then press "Enter" button to confirm.

Press next button to select Alarm mode (Once/Weekends/Weekdays/Daily), then press "Enter" button to confirm.

Press next/ prev button to select alarm volume then press "Enter" button to saved.

### **Sleep**

Press 'Sleep' button, You can select off-15 minutes-30 minutes-45 minutes-60 minutes-90 minutes by pressing next/prev button, then press "Enter" button to confirm.

### **Dimmer**

There are different dimming levels for standby and for operation. Press the dimmer button to select your desired brightness.

Level 1: very dark

Level 2: slightly brighter (after 10 seconds the display turns off again. Press "Dimmer", then the display will turn back on for 10 seconds. )

Level 3: medium brightness (the display stays on permanently)

Level 4: bright (the display stays on permanently)

Level 5: very bright (after 10 seconds the display switches off again

Press "Dimmer", then the display will turn back on for 10 seconds. )

You can choose the display brightness individually for standby or operation.

### **Snooze Function**

When the alarm sounds, you can press Snooze/ Dimmer button to go to snooze. The default time for this function is 9 minutes.


Note: You can press the 'Standby/Mode' button to stop the Snooze function.

Unit Weight: 628g

Size: 155\*155\*65MM

Adaptor weight: 90g

<b>Power Adaptor</b>	<b>5.9V 2A</b>
Manufacturer	Shenzhen Addition Audio Science & Technology Co.,Ltd.
Address:	Mingzhou Industry Park, Guangming, Shenzhen, PRC
Type	AD1500592000EU
Input	100~240V~, 50/60Hz, 0.5A Max.

Output	4~12V  0.010-2.5A, 15W max.
Safety Class	Class II

Use only original AC adaptor

Use only the power supply listed in the user instructions

## Conformity

This device has been approved for compliance with the basic and other relevant requirements of the RE Directive 2014/53/EU, the ErP Directive 2009/125/EC and the RoHS Directive 2011/65/EU.



Informations for CE are on our website [www.ptec.ch](http://www.ptec.ch)

## Disposal

If have to dispose the device in the future, note that all electrical and electronic device must be disposed of separately from household waste at official disposal centers.

Avoid damage to the environment and risks to your personal health by disposing of device properly.

For further information about proper disposal, contrace your local government, disposal bodies or the shop where you bought the device.

Dispose of all packaging in an environmentally -friendly manner.

Cardboard packaging can be taken to paper recycling containers or public collection points for recycling.

Any film or plastic contained in the packaging should be taken to your public



## Warranty terms

The warranty period shall commence on the purchase date. Please keep your original receipt in a safe place. This is required as a proof of purchase.

If a material or production fault occurs in this product within 24 months of the purchase date, we shall – at our discretion – repair or replace the product free of charge.

This warranty requires that the defective device has to be sent to the service center together with the original proof of purchase and a brief description of the fault within these 24 months.

If the fault is covered by our warranty, you will receive the repaired product or a replacement device.



The warranty period shall not begin again if the product is repaired or replaced.

**Processing of warranty claims**

Contact our support (see our website). Have the serial number and the proof of purchase ready. Our support may already be able to solve the problem. If the problem cannot be solved, you will receive instructions on where to send the device to.

Manufacturer:

Palotec AG

Frikartstrasse 3

4800 Zofingen / Switzerland

E-mail: [info@ptec.ch](mailto:info@ptec.ch)

Internet: [www.ptec.ch](http://www.ptec.ch)

Made in China