ROBERTS



Ortus DAB

DAB+/FM RDS Alarm Clock Radio

USER GUIDE

Version 2

UK CA CE

Safety Precautions

- Read all the instructions carefully before using the unit and keep them for future reference.
- Check that the voltage marked on the adapter rating label matches your mains voltage.
- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas/electric fires. Avoid exposure to direct sunlight and other sources of heat.
- Never place any type of candle or naked flame on the top of or near the unit.
- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.
- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure that a minimum of 10cm should be kept around the apparatus for ventilation.

Safety

- Always disconnect the unit from the mains supply before connecting/ disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.
- This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

WARNING: To avoid risk of fire or electric shock, use only the external power supply provided by the manufacturer with the product.

Mains Adapter

- Make sure the unit is not resting on top of the mains adapter cable, as the weight of the unit may damage the cable and create a safety hazard.
- If the mains adapter is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted sound.

Service/Maintenance

- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.



The symbol indicates DC voltage



The symbol indicates polarity of DC power connector



The symbol indicates AC voltage



The symbol indicates class II equipment



For indoor use only



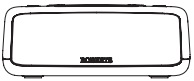
RECYCLING This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. The user has the choice to give his product to a competent recycling organisation or to the retailer when buying new electrical or electronic equipment.

The mains plug of power adapter is used as the disconnect device. The socket-outlet shall be installed near the equipment and shall be easily accessible.

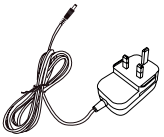
Unpacking

Remove all items from the packaging. Retain the packaging.
If you dispose of your product, please do so according to local regulations.

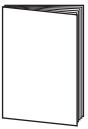
Box Contents:



Main Unit

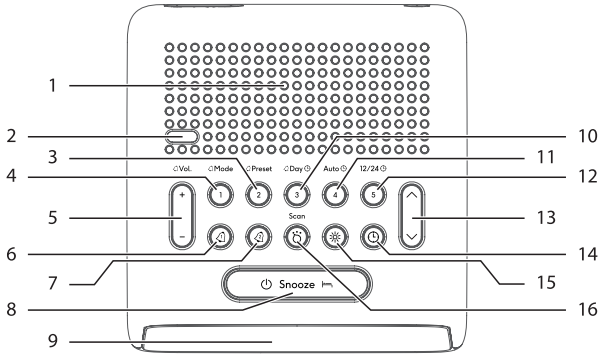


Mains Adapter

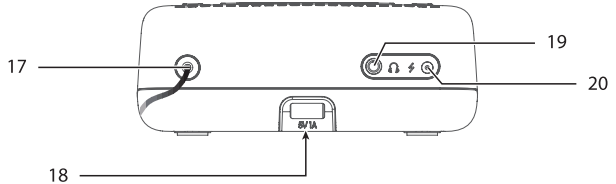


Instuction Manual

Product Overview



1. Speaker
2. Ambient Light Sensor
3. Preset Button **2**/ **Preset**
4. Preset Button **1**/ **Mode**
5. Volume Buttons **Vol.**/+ –
6. Alarm 1 Button
7. Alarm 2 Button
8. Power/Snooze/Sleep Button **Snooze**
9. Display
10. Preset Button **3**/ **Day**
11. Preset Button **4**/ **Auto**
12. Preset Button **5**/ **12/24**
13. Tuning Buttons /
14. Clock Button
15. Dimmer Button
16. Mode Button **Scan**/



17. Aerial
18. USB 5V 1A Output Charging Port
19. Headphone jack
20. Power Input socket

Power Source

Mains Power

1. Unwind the mains adapter cable to its full length. Connect the end of the cable to the DC socket ⚡ at the rear of the unit and then connect the mains adapter to the mains socket. Make sure the mains adapter is firmly inserted into the mains socket. The unit is now ready to use.
2. To switch the unit off completely, unplug the mains adapter from the mains socket.

⚠ Connecting the unit to any other power source may cause damage to the unit.

Charging from the USB charging port

You can charge your mobile device (e.g. MP3 player, mobile phone etc.) through the USB socket on this unit with a USB cable (not supplied).

- The maximum current for USB charging is 1A.
- All devices for USB charging are not guaranteed.

⚠ Only use the USB DC OUT 5V 1A port to charge small mobile devices. Never use this port for any other purpose.

Using Headphones

You can connect your headphones (not included) by plugging into the Headphones socket 🎧 at the rear of the unit. Turn down the volume before connecting your headphones. Slowly raise the volume with the headphones on until you reach your desired level. When headphones are connected, the speaker will be silent.

Note:
Alarms will continue to sound through the product's main speaker even if the headphones are connected.

⚠ Long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using earphones, especially for extended period of time.

General Operation

Powering ON/OFF

When you first connect the unit to the mains socket, the unit will power on at standby mode with display lit up showing the time 0:00.

- Press the ⏻ **Snooze** 🛏 button to switch the unit to **ON** mode.
- Press the ⏻ **Snooze** 🛏 button to switch the unit back to **STANDBY** mode.
- Disconnect the power cable of the mains adapter from the mains socket if you want to switch the unit off completely.

Selecting Modes

Press **Scan/** ⏲ button repeatedly to switch between modes (DAB or FM).

Adjusting the Volume

Press +/– volume buttons on the unit to increase/decrease the volume.

Automatically Setting the Clock

The clock will be updated automatically if you can receive DAB/FM signal in your location.

In order to synchronize to the current local time, you must leave the unit to receive signals from the DAB/FM station for a period of time.

Fully extend and align the aerial for best reception.

DAB Operation

On first use, press the ⏻ **Snooze** 🛏 button and the unit will automatically enter DAB mode and perform a DAB scan. During the scan, the display shows "Scanning…" together with a slide bar that indicates the progress of the scan and the amount of stations that have been found so far.
Once the scan has finished, the radio will select the first alphanumerically found station. You can now press the ∧/∨ Tuning buttons to switch to next/ previous station with station name shown up.

If in FM mode, press the **Scan/** ⏲ button to switch the unit to DAB mode.

DAB Scan

The scan will search for the entire DAB Band III channels. After the scan has finished, the first alphanumerically found stations will be automatically selected.

1. To activate auto scan, press and hold **Scan/** ⏲ button. The display will show "Scanning…" and a progress slide bar.
2. All the stations that have been found will be stored automatically, press the ∧/∨ tuning buttons to switch to next/previous station to explore the stations that have been found.

If the unit is moved to another location or if some stations become unavailable, press and hold **Scan/** ⏲ button to perform a new DAB station scan.

FM operation

Switching from DAB to FM Mode

To switch the unit from **DAB** to **FM** mode, press **Scan/** ⏲ button once. The unit will start to playback FM radio at last listened station frequency.

Fully extend and align the aerial for best reception.

FM Scan

To search for an FM station, press and hold ∧/∨ buttons to start forward or reverse scanning. Alternatively, press and hold **Scan/** ⏲ button to start scanning for stations.
Once a station has been found, the scanning will stop automatically.

The search may not stop at a station with a very weak signal.

Manual Tune

To tune for FM stations manually, press ∧/∨ buttons repeatedly until your desired frequency is reached.

With FM radio it may be necessary to fine tune each station by pressing ∧/∨ buttons repeatedly. Each press will increase/ decrease the frequency by 0.05MHz. If reception is still poor, adjust the position of the aerial or place the unit to another location.

Preset Stations

Storing a Station

The product supports presets to store 5 favorite DAB stations and 5 favorite FM stations.

To store a preset, you must first be listening to the station that you would like to save , then press and hold the preset button **1-5** for 2 seconds. The display will show "Preset Stored" and the preset number "**P#**" will be shown to the left of the station information.

Recalling a Stored Station

To recall stored preset stations , press the preset button **1-5** once. The unit will then switch to playback the preset station and the display will show the preset number "**P#**" to the left of the station information.

If you choose a preset station number that has not been allocated a station, the display will show "Preset Empty".

Storing a new station into a preset location will erase the previously stored station in that location.

Time/Date Settings

Auto Update

Hold down the " ⏲ " button then press "**Auto** ⏲ " button to select between **Auto** and **Manual** mode. When set to Auto, the clock will be updated automatically if you can receive DAB/FM signal in your location.

The auto update is default at AUTO; it will resume to default when every power plug-in/power-up.

Set 12/24 Hour

To switch between 12-hour or 24-hour clock format, hold down the " ⏲ " button and then press " **12/24** ⏲ " button repeatedly. Release the buttons when target format selected.

Set Time (for manual update mode only)

To alter the current time, hold down the " ⏲ " button and then press the ∧/∨ tuning buttons repeatedly for fine adjustment or press and hold for fast adjustment.

Set Day (for manual update mode only)

To alter the current day of the week, hold down the " ⏲ " button and then press "⌂ **Day** ⏲ " button repeatedly to cycle through Monday(Mon) to Sunday(Sun). Release the buttons to confirm when with correct settings selected.

To manually set current time and day, first set the auto update setting to Manual.

Sleep

This function allows you to program the unit to turn off (standby mode) by itself after a set period of time.

1. When listening to the radio, press and hold the " " button to initiate the sleep timer.
2. Continue to hold down the " " button and press the ∧/∨ tuning buttons to select a different time period (5, 10, 15, 20, 30, 45, 60, 90 mins) or turn it 'OFF'. The " " icon will flash on the display whilst making changes.
3. Release the buttons once the desired setting is made. The " " icon will light up solid to indicate that the sleep function is activated and the remaining sleep time will be displayed on the right of the screen.
4. At the end of the sleep time, the unit will turn off (standby mode).

Alarms and Snooze

As well as a clock, there are two wake-up alarms with snooze facility.

Alarm Setup

Alarm On/Off

Press the alarm buttons (/) to toggle the corresponding alarm On/Off.

When the alarms are set active, the alarm icon (/) will light up on the display as indication.

Alarm Days

To select the alarm days, hold down one of the alarm buttons (/) and then press the **Day** button repeatedly to cycle round the available options *(Daily/ Weekdays/Weekends/Mon-Sat/Sundays)*.

Alarm Time
To alter the alarm time,hold down one of the alarm buttons (⏰1 / ⏰2) and then press the ∧/∨ tuning buttons to increment or decrement the alarm time setting (or press and hold for fast adjustment at larger steps).

Alarm Mode
To select the alarm mode, hold down one of the alarm buttons (⏰1 / ⏰2) and then press the ⏰ **Mode** button to toggle between Buzzer, DAB and FM, which is shown on the display.

If DAB/FM is chosen as the alarm mode, hold down one of the alarm buttons (⏰1 / ⏰2) and then press the ⏰ **Preset** button repeatedly to cycle round the stored preset (P1-P5) or the currently tuned (last listened to) station.

Alarm Volume
To alter the alarm volume, hold down one of the alarm buttons (⏰1 / ⏰2) and then press the ⏰ **Vol.**/ +/– buttons to adjust.
Release the buttons to confirm when with correct settings have been selected.

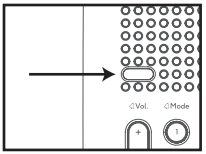
In all listening modes active alarms are indicated by displaying the relevant " ⏰1 " and/or " ⏰2 " icons.

At the set time, the alarm will sound, quietly at first, then gradually building up to the set volume.
To cancel a sounding alarm, press the ⏻ **Snooze** 🛏 twice or the relevant ⏰1 or ⏰2 buttons and the alarm will be cancelled and return to last operation mode.

Snooze
To temporarily silence a sounding alarm, press ⏻ **Snooze** 🛏 button and the " zZ " icon will lit up on display as indication. The snooze period is 9 minutes. When the countdown reaches zero the alarm is triggered again.
Press the relevant ⏰1 or ⏰2 button to fully cancel a sounding alarm and return to last operation mode.

You can press ⏻ **Snooze** 🛏 during snooze to cancel snooze and the alarm.

Display Brightness



Choose from four display brightness settings.
To set the brightness, repeatedly press the ☼ button and the brightness of the display will change in sequence: *Auto>High>Medium>Low*

There is a brightness setting for when the unit is on and a brightness setting for when the unit is off (standby).
Press the ☼ button when on and off (standby) to select the desired setting.

The product features a light sensor on the top panel to detect the ambient room brightness, which will auto dim the display when in *Auto* setting. The display will be bright in a bright room, but will go dim in a dark room.

Language

Hold down 🕒 button and then press 🔔 **Vol./+ –** buttons to select desired language.
Release the buttons to confirm setting.

Factory Reset

There may be times when you need to reset your unit back to the factory settings. If you experience reception problems you may want to reset and try again.

- Press and hold 🕒 button and ⏻ **Snooze** 🛏 button for 5 seconds and the unit will perform factory reset.

After the system reset, all settings will be erased back to default factory settings.

Software Version

To check the software version of the product, press and hold ⏲ button and after 1 second press and hold ☼ button. The software version will scroll on the display.

Maintenance

Cleaning the Unit

⚠ Ensure the unit is fully unplugged from the mains socket before cleaning.

- To clean the unit, wipe the case with a slightly moist, lint-free cloth.
- Do not use any cleaning fluids containing alcohol, ammonia or abrasives.
- Do not spray an aerosol at or near the unit.

Specification

Brand	Roberts
Model	Ortus DAB
Power Supply	Input: AC 100-240V ~ 50-60Hz 0.6A Output: DC 5.5V, 1.5A
USB Power	Output: DC 5V ⎓ 1A
Power Consumption	8.25W
Speaker Output Power	1 x 1W RMS
Working Environment - Temperature	0 ~ 40°C
Net Weight	310g
Unit Dimension (W) × (D) × (H)	134 × 137 × 52 mm
Radio Frequency	DAB 174 - 240 MHz, FM 87.5 – 108.0 MHz

Power Adapter information

Manufacturer's name and address: ShenZhen Rongweixin Technology Co., Ltd. No.8, Tianyang 3rd Road, Dongfang Community, SongGang Street, Baoan District, Shenzhen, Guangdong, P.R. China	
Model Number:	R122-0551500BD
Input Voltage and Frequency:	100-240V ~ 50-60Hz 0.6A
Output Voltage:	DC 5.5V
Output Current:	1.5A
Output Power:	8.25W
Average Active Efficiency:	76.7%
No-Load Power Consumption:	0.09W

Standby power consumption: ≤0.8W

Please turn the unit off by pressing the ⏻ **Snooze** 🛏 button to save energy when not in use.

Note:

- This unit has time display as a primary function. Therefore, according to the ErP Directive, this equipment must consume less than 1 watts in standby mode.
- In DAB mode, if there is no signal for 15 minutes, the unit will turn off (standby). Press ⏻ **Snooze** 🛏 button to resume.

Features and specifications are subject to change without prior notice.