

Made for



iPod



iPhone

Roth™



KRADIO

FM/DAB/Internet - WiFi & Wired Dock
Compatible with iPod & iPhone

KRADIO

FM/DAB/Internet - WiFi & Wired Dock Compatible with iPod & iPhone

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Thank you...

For taking the Roth AV KRadio home.

We've designed the KRadio to look beautiful and, utilising the very best available amplification and driver technology, sounds great too. We really hope you like the results.

Turn It Up.

KRadio: FM/DAB/Internet - Wi Fi & Wired Dock

Compatible with iPod & iPhone

Not big.....but clever.

Not dull.....but shiny.

The Roth KRadio gives you a connection to the world.

If you have ever wanted to listen to music or news from a far-off country then the KRadio will allow you to do this through the power of the Internet. Simply connect via your Wi Fi network or to your Router and choose where you want to be in the world – the hard part is now choosing from the 1000s of stations you now have access to. Or you can of course opt for local FM or DAB stations. The choice is yours.

Choose to wake up anywhere in the world, with a dual alarm you can set to wake you with any station (or your iPod/iPhone).

A passport for your ears. Beautiful design for your home.



Roth™

Safety Information

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD.

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

WARNING: To reduce the risk of electric shock do not remove cover (or back), no user serviceable parts inside refer servicing to qualified service personnel.

1. **READ INSTRUCTIONS**
2. **RETAIN INSTRUCTIONS**
3. **HEED WARNINGS**
4. **FOLLOW INSTRUCTIONS**
5. **CLEANING** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
6. **ATTACHMENTS** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
7. **WATER AND MOISTURE** - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool. This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.
8. **ACCESSORIES** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturers instructions, and should use a mounting accessory recommended by the manufacturer.

9. **VENTILATION** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation, such as a bookcase or rack, unless proper ventilation is provided or the manufacturer* instructions have been adhered to.
10. **POWER SOURCES** - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
11. **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, paying particular attention to cords at plugs, convenience receptacles, and the point of exit from the product.
12. **NON-USE PERIODS** - The power cord of the product should be unplugged from the outlet when left unused for long periods of time.



Electronic products must not be disposed of with household waste. Please refer to the retailer from whom you purchased this item for disposal instructions.
Batteries and packaging materials can be recycled using your local collection facilities.



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



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

13. **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.
14. **POWER LINES** - An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
15. **OVERLOADING** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of electric shock.
16. **OBJECT AND LIQUID ENTRY** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in electric shock. Never spill liquid of any kind on the product.
17. **SERVICING** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
18. **DAMAGES REQUIRING SERVICE** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.
 - a) When the power-supply cord or plug is damaged.
 - b) If liquid has been spilled, or objects have fallen into the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improving adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e) When the product exhibits a distinct change in performance -this indicates a need for service.
20. **REPLACEMENT PARTS** - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in, electric shock or other hazards.
21. **SAFETY CHECK** - Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
22. **HEAT** - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.
23. **Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Changes or modifications made without written approval may void the user's authority to operate this equipment.

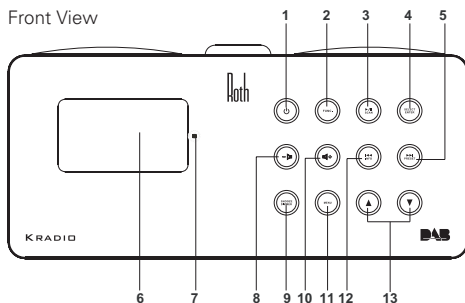


Class II construction double insulated. This product must not be connected to earth.

General Controls

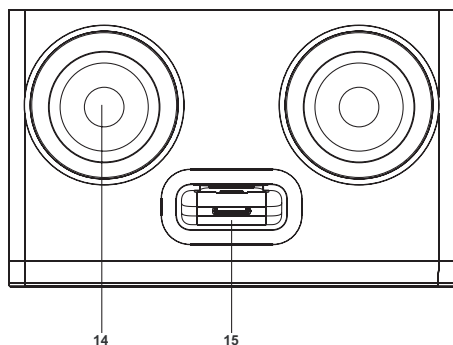
Main Unit

Front View

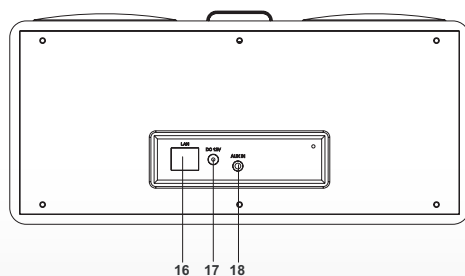


1. **STANDBY** - turn on or off (standby) the unit
2. **FUNCTION** - select sound source (iPod, AUX IN, Internet radio, FM Tuner, DAB radio)
3. **►/|| SCAN** - start or pause playback; search available station
4. **SELECT** - make selection in menus
5. **►► PRESET** - next, scan/fast forward, menu; store/recall preset station
6. **DISPLAY**
7. **REMOTE SENSOR**
8. **VOLUME -** Volume down
9. **DIMMER/SNOOZE** - adjust the brightness level; turn off the alarm temporarily
10. **VOLUME +** Volume up
11. **MENU** - access the setup menu
12. **◀◀ INFO** - previous, scan back, reverse, menu back; show information of current station
13. **▲ / ▼** - menu up / down, select FM radio frequency
14. **SPEAKER**
15. **iPod DOCK**

Top View



Rear View

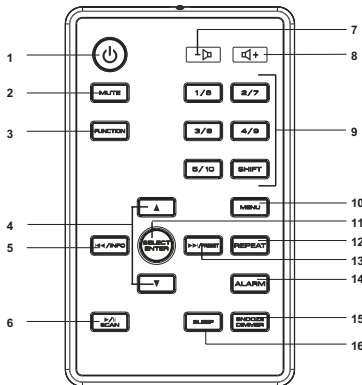


16. **ETHERNET CONNECTION**
17. **DC JACK**
18. **AUX IN JACK**

General Controls

Remote Control

Front View

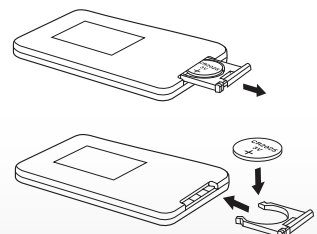


1. **STANDBY** - turn on or off (standby) the unit
2. **MUTE** - cut or restore audio output
3. **FUNCTION** - select sound source (iPod, AUX IN, Internet radio, FM Tuner, DAB radio)
4. **▲ / ▼** - menu up / down, select FM radio frequency
5. **◀◀ INFO** - previous, scan back, reverse, menu back; show information of current station
6. **▶▶ SCAN** - start or pause playback; search available station
7. **VOLUME -** Volume down
8. **VOLUME +** Volume up
9. **1-10** - select preset station or track directly by entering the station or track numbers
10. **MENU** - access the setup menu
11. **SELECT** - make selection in menus
12. **REPEAT** - Select a repeat play mode
13. **▶▶ PRESET** - next, scan/fast forward, menu; store/recall preset station
14. **ALARM** - show the Alarm setting menu.
15. **DIMMER/SNOOZE** - adjust the brightness level; turn off the alarm temporarily
16. **SLEEP** - play the unit for a set length of time before turning off automatically

Battery Installation

Before using the remote control, the battery (supplied) must be fitted. When fitting or replacing the battery in the remote control, refer to the diagram to the right.

1. Press the catch across
2. While holding the catch across, open the battery door
3. Fit the battery observing polarity as shown. When replacing the battery, use only the same CR2025 type specified.



General Controls

Turning the unit on or off

Press **STANDBY** to turn the unit on or off (standby mode).

Using the menus

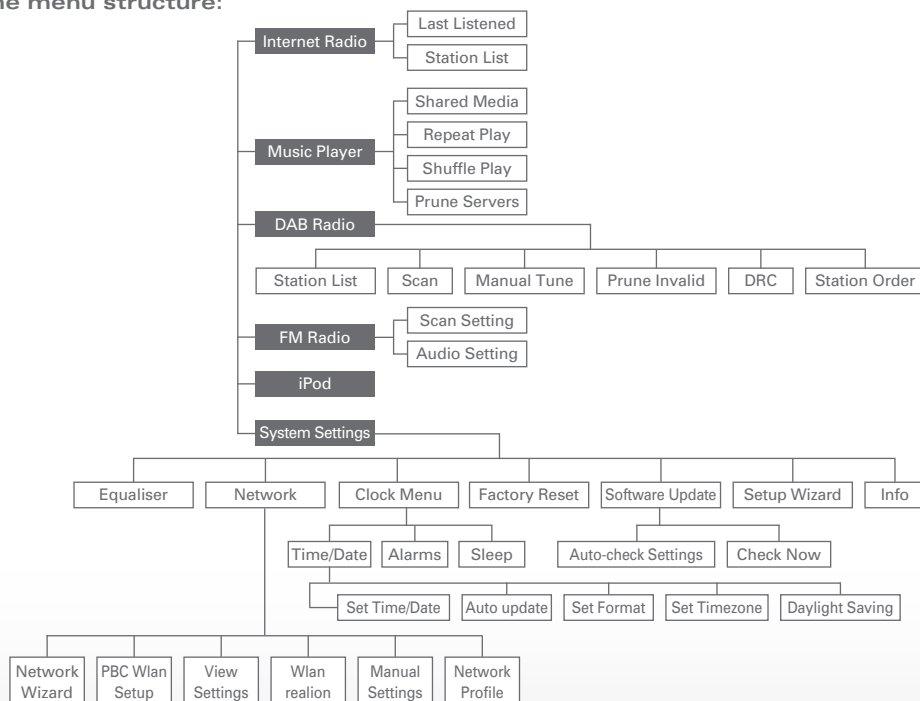
The display window shows the playback screen, browse screen, settings screen, messages etc.

What appears on the window varies depending on the function you are using.

Press **MENU**. There are 6 options in the main menu:

- DAB radio
- FM radio
- Internet radio
- Music Player
- iPod
- System settings

The menu structure:



General Controls

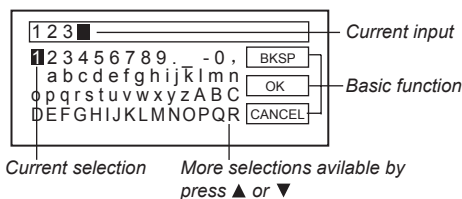
To navigate in the menus

Use the navigation controls to make choices and input information

- ▲ - moves up
- ▼ - moves down
- ►► - moves forward
- ◄◄ - moves back
- **SELECT** - confirms selected option
- **MENU** - goes back to the previous screen

To input characters

- Some menus require character input (e.g password)



- When inputting characters, press ▲ or ▼ to select the alpha-numeric characters listed on the screen. Press **SELECT/ENTER** to conform the selections.
- To erase a mistake, select **BKSP** on the screen and then press **SELECT/ENTER**.
- When finished inputting, select **OK** on the screen and then press **SELECT/ENTER**.
- When cancel inputting, select **CANCEL** on the screen and then press **SELECT/ENTER**.

Audio Controls

- Press **VOLUME** + or - on the main unit or on the remote control to adjust sound level during playback. The current volume shows on the display temporarily before returning to the previous display.
- Enter 'Equaliser' option on the System settings to select an euqalizer mode (Normal, Flat, Jazz, Rock, Movie, Classic, Pop, News, My EQ).
- Press **MUTE** to cut the sound output temporarily. When sound is cut, "🔇" shows on the display. To restore the sound output, press **MUTE** again or adjust the volume.

Display

The dot-matrix display is a dynamic and intuitive interface that provides many necessary information during operation. Some of the key displays are illustrated below for your easy reference.

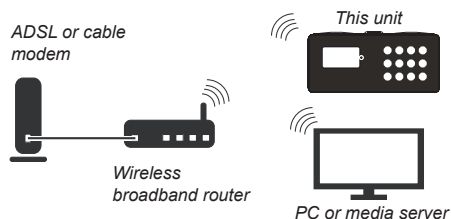
- Ethernet connection
- Wi-Fi signal available
- RDS station available
- Alarm set
- Sleep timer set
- Signal strength
- Stereo sound enabled
- Sound mute

Internet Setup

Introduction

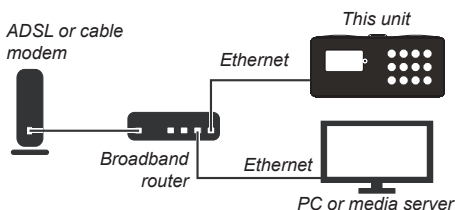
You must connect to the Internet in order to use the Internet Radio. Before you can use the Internet part of the unit you must have:

A wireless (Wi-Fi) access point (AP).



OR

An Ethernet connection with an RJ45 plug.



- If your wireless network is already in use, it might have Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA) data encryption. You will need to enter the WEP or WPA key word into the unit so that it can communicate with the router.
- The 'access point' in a wireless network has a name known as the 'SSID'. You will need to 'tell' the unit the SSID when setting it up for the first time.

- Usually the SSID starts out as the brand and model of the router, although it is a good idea to change it if there are other networks, so identification of the correct network (SSID) is easier. Legally speaking, you should not connect to the Internet through someone else's network. Apart from the legal aspect, sharing a wireless link will make audio from the Internet more prone to interference.
- Wireless router range is usually enough for domestic use but can be adversely affected by some building materials and interference sources such as other nearby wireless networks.

If your Internet connection is still not working after settings, always try disconnecting mains power to all the devices in the network. Then switch things back on in this order:

1. Modem. Wait a minute for the indicator lights to settle down
2. Router (if separate). Again, wait a minute for the indicator lights to settle down
3. Computer(s) re-start
4. Restart this unit

Internet Setup

Internet Connections

To connect to the internet via internal unit wizard:

1. Press **STANDBY** to turn on the unit
2. Press **MENU** on the main unit or on the remote control and press the **▲** or **▼** to select "Main Menu" and then press **SELECT/ENTER**
3. Press **▲** or **▼** to select "System Settings" and then press **SELECT/ENTER**
4. Press the **▲** or **▼** to select "Network" then press **SELECT/ENTER**
5. Press **▲** or **▼** to select "Manual Settings" then press **SELECT/ENTER**
6. According to your connection settings, press **▲** or **▼** to select "Wired" or "Wireless" and then press **SELECT/ENTER**

☰ Connection type 1/9	
Wired	>
Wireless	>

7. Press **▲** or **▼** to select "DHCP enable" or "DHCP disable" and then press **SELECT/ENTER**

☰ Connection type 2/9	
DHCP enable	>
DHCP disable	>

DHCP (Dynamic Host Configuration Protocol) helps you obtaining various parameters necessary for the client to operate in an Internet Protocol (IP) network with minimum or no manual configurations. Check with your service provider if your network is equipped with such device. If you have selected Wired in step 6, you will be connected to the Internet

8. Enter your network name (SSID), refer to instructions on page 7 for more information on inputting characters.
9. Press **▲** or **▼** to select "Open", "Pre-Shared Key", "WPA", "WPA2" according to your security settings and the press **SELECT/ENTER**

☰ Authentication	7/9
Open	>
Pre-Shared Key	>
WPA	>
WPA2	>

10. If your network is password-protected, enter the password now with reference to instructions on page 9. You will then be connected to the internet.

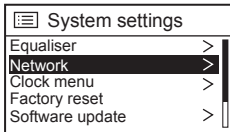
Key:	
1 2 3	
1 2 3 4 5 6 7 8 9 . - 0 ,	BKSP
a b c d e f g h i j k l m n	OK
o p q r s t u v w x y z A B C	
D E F G H I J K L M N O P Q R	CANCEL

Internet Setup

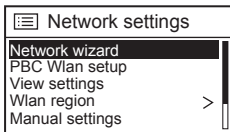
Internet Connections

To connect to the internet via internal unit wizard:

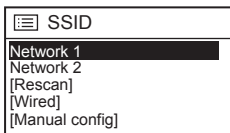
1. Press **STANDBY** to turn on the unit
2. Press **MENU** on the main unit or on the remote control and press the **▲** or **▼** to select "Main Menu" and then press **SELECT/ENTER**.
3. Press **▲** or **▼** to select "System Settings" and then press **SELECT/ENTER**.
4. Press the **▲** or **▼** to select "Network" then press **SELECT/ENTER**.



5. Press **▲** or **▼** to select "Network wizard" then press **SELECT/ENTER**. The connection wizard will look for all available Internet networks in your surroundings and list them on the display



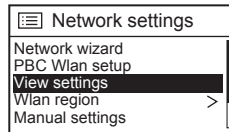
6. Press **▲** or **▼** to select your internet network (SSID) and the press **SELECT/ENTER**.



7. If your network is password-protected, enter the password now with reference to instructions on page 9. You will then be connected to the Internet.

To view your current Internet setting

1. Press **STANDBY** to turn on the unit
2. Press **MENU** on the main unit or on the remote control and press the **▲** or **▼** to select "Main Menu" and then press **SELECT/ENTER**.
3. Press **▲** or **▼** to select "System Settings" and then press **SELECT/ENTER**
4. Press the **▲** or **▼** to select "Network" then press **SELECT/ENTER**
5. Press **▲** or **▼** to select "View Settings" and then press **SELECT/ENTER**



6. Press **▲** or **▼** to view the current settings
 - Active adapter (wired/wireless)
 - MAC address
 - Wlan region
 - DHCP (enable/disable)
 - SSID
 - IP address
 - Subnet mask
 - Gateway address
 - Primary DNS
 - Secondary DNS

PC Setup

Internet Connections

The unit can access to a shared folder/media on your PC and play back music files stored in it. To do so, you can either setup a shared folder on your PC or via media sharing by the UPnP (Universal Plug and Play) feature of your PC.

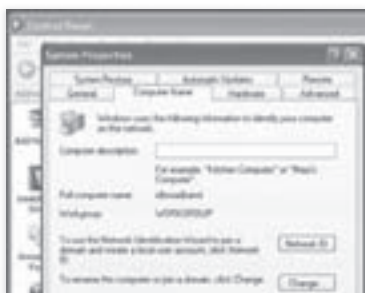
Using a shared folder on the PC

To setup a shared folder on your PC:

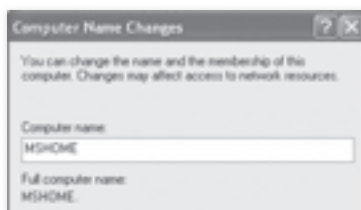
1. Configure Domain/Workgroup on your PC

In order to setup the unit to play back music stored on a shared network folder, the username, password and domain settings must first be configured. This is only required if you have set a password on your shared folders. The domain configuration can be found on a Windows XP machine as below:

- 1.1 From the start menu, select Control > System and then select the Computer Name tab. The Domain or Workgroup that your Computer is a member of is displayed in this tab.



- 1.2 If your PC is not a member of any Domain or Workgroup then one must be joined. To do so, click on the Change button on the Computer Name tab and enter the name of the domain (default on Windows XP is MSHOME).

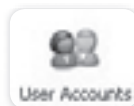


- 1.3 A restart of the PC may be necessary if the Domain or Workgroup has been changed.

2. Setup a new user account

The unit requires a user account to be set up on each PC that you wish to browse. By default most PCs have at least one user account associated with it. The username and password (optional) needs to be the same on each PC as the unit can only store 15. one username and password. For Windows XP machine this can be set up as below:

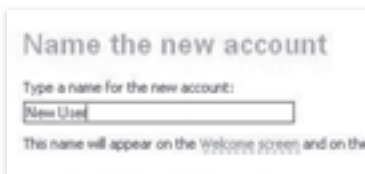
- 2.1 From the Start menu, select Control Panel > User accounts.



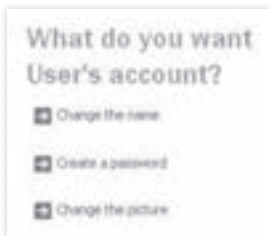
PC Setup

Internet Connections

- 2.2 Click Create a New Account and then enter the new username and the Domain/Workgroup setting as noted in step 1. Select the type of user (restricted) and then click Finish.



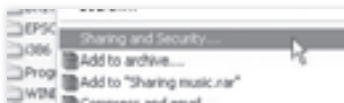
- 2.3 Select the user just created, then select Create a new password.



- 2.4 Note the username and password.
Note for Windows Vista users: you have to turn on the Guest account via Manage User Account in the Control Panel. Then add access to either "Everyone" or "Guest" on the shared drive. You can also create a new account for sharing with the unit, with a password, if you are concerned about security. The Guest account has no password by default and the unit will connect to it from its factory default settings.

3. Configure a shared folder

- 3.1 From the Start menu, select My Computer and navigate to the folder you wish to share.
- 3.2 Right-click on the folder and select Sharing and Security.



- 3.3 Select Share this folder. Create the folder a name in the Share name field. By default it will have the name of the folder already listed and then click Permissions.



- 3.4 Click Add



- 3.5 Enter the username in the dialog box. This is the username you have created in step 2. Click OK when finished.



- 3.6 Check the appropriate permissions for your share. We recommend giving Read access to the shared folder. Click OK when finished.



4. Connect with your PC.

- Before the radio can stream music from your PC, you need to enter the username and password for the shared folder you have created (as instructed above).
- If your shared file from PC has set, you will enable your unit to connect to the PC with correct 'Username' and 'Password'. Refer to Page 11 for more information on connecting the Internet.
- The PC is now ready to stream music to the unit.
- Refer to Media Player on page 20 for more information on streaming music from your PC in this unit.

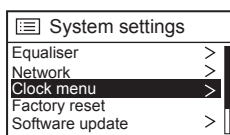


Clock, alarm and sleep function

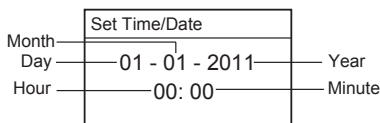
Clock

To set the time and date manually:

1. Press MENU on the main unit or on the remote control and the press ▲ or ▼ to select "Main menu" and then press **SELECT/ENTER**
2. Press ▲ or ▼ to select "System settings" and then press **SELECT/ENTER**
3. Press ▲ or ▼ to select "Clock menu" and then press **SELECT/ENTER**



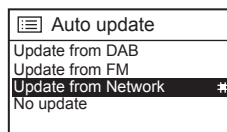
4. Press ▲ or ▼ to select "Time/Date" and then press **SELECT/ENTER**
5. Press ▲ or ▼ to select "Set Time/Date" and then press **SELECT/ENTER**



6. Press ▲ or ▼ to set the Month, then press **SELECT/ENTER**
7. Press ▲ or ▼ to set the Year, then press **SELECT/ENTER**
8. Press ▲ or ▼ to set the Hour, then press **SELECT/ENTER**
9. Press ▲ or ▼ to set the Hour, then press **SELECT/ENTER**
10. Press ▲ or ▼ to set the Minute, then press **SELECT/ENTER**

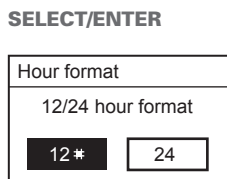
The time and date can auto update by DAB, FM or Network.

1. In 'Time/Date' step, press ▲ or ▼ to select 'Auto update' and then press **SELECT**
2. Press ▲ or ▼ to select "Update from DAB", "Update from FM", "Update from Network" or "No update" and then press **SELECT/ENTER**



To set hour format

1. In 'Time/Date' step, press ▲ or ▼ to select 'Set format' and then press **SELECT/ENTER**
2. Press ▲ or ▼ to select "12" hour format or "24" hour format and then press **SELECT/ENTER**



If the time is update from Network, you will set the 'time zone' and 'daylight saving' for your like.

1. In 'Time/Date' step, press ▲ or ▼ to select 'Set timezone' and then press **SELECT/ENTER**
2. Press ▲ or ▼ to select desired time zone and then press **SELECT/ENTER**

Clock

To set summer time

Daylight saving time (or summer time as it is called in many countries) is a way of getting more light out of the day by advancing clocks by one hour during the summer.

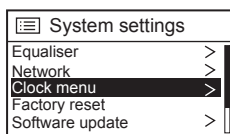
1. In 'Time/Date' step, press ▲ or ▼ to select 'Daylight saving' and then press **SELECT/ENTER**
2. Press ▲ or ▼ to select 'ON' option, then press **SELECT/ENTER**

Alarm

You can set two completely separate alarm times (ALARM 1 and ALARM 2) and activate either or both of them to wake you with a buzzer, radio, or music from a docked iPod. You can also pre-set the station preset and volume settings that the alarms will wake you with. The alarms are set from the remote control or from within the settings menu.

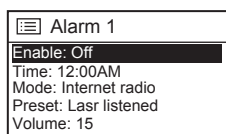
To set the Alarm

1. Press MENU on the main unit or on the remote control and the press ▲ or ▼ to or to select "Main menu" and then press **SELECT/ENTER**
2. Press ▲ or ▼ to select "System settings" and then press **SELECT/ENTER**
3. Press ▲ or ▼ to select "Clock menu" and then press **SELECT/ENTER**



4. Press ▲ or ▼ to select "Alarms" and then **SELECT/ENTER**
Noted: you may also press ALARM to enter the Alarms menu directly.

5. Press ▲ or ▼ to select "Alarm 1" or "Alarm 2" and the press **SELECT/ENTER** to enter Alarm settings menu

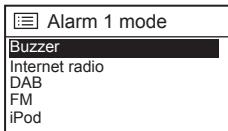


6. Press ▲ or ▼ to select "Enable" and then press **SELECT/ENTER**
7. Press ▲ or ▼ to set the alarm frequency.
Alarm frequency: Daily, Once, Weekends, Weekdays
8. Press ▲ or ▼ to select "Time" and then press **SELECT/ENTER** to set the time for Alarm.
9. Press ▲ or ▼ to set the Hour of alarm, then press **SELECT/ENTER**

Clock, alarm and sleep function

Alarm - continued

10. Press ▲ or ▼ to set the Minute of alarm, then press **SELECT/ENTER**
11. Press ▲ or ▼ to select "Mode" and then press **SELECT/ENTER**
12. Press ▲ or ▼ to set Wake-up mode and then press **SELECT/ENTER**
 - Alarm mode: Buzzer, Internet radio, DAB FM, iPod.



Noted: you will select a preset station for radio alarm modes.

13. Press ▲ or ▼ to select "Volume" and then press **SELECT/ENTER**

14. Press ▲ or ▼ to set desired volume level for Alarm
15. If you have finished Alarm settings, press or to select "Save" and then press **SELECT/ENTER** to save the settings. "Alarm saved" will show on the display.

Turning off the alarm

To stop the alarm when it sounds: Press MENU or ALARM to turn off the alarm.

To silence the alarm temporarily (Snooze): Press SNOOZE/DIMMER. The alarm will sound again when the snooze period (9 min) is over.

To deactivate the alarm completely:

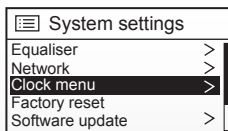
At STANDBY mode, press ALARM repeatedly until the alarm icon disappear from the display

Sleep function

The unit includes a programmable sleep function to play the unit for a set length of time before turning off automatically.

To use the sleep function:

1. Press MENU on the main unit or on the remote control and the press ▲ or ▼ to select "Main menu" and then press **SELECT/ENTER**
2. Press ▲ or ▼ to select "System settings" and then press **SELECT/ENTER**
3. Press ▲ or ▼ to select "Clock menu" and then press **SELECT/ENTER**



4. Press ▲ or ▼ to select "Sleep" and then press **SELECT/ENTER**
5. Press ▲ or ▼ repeatedly to select a desirable length of time (15, 30, 45, 60, 75, 90 and OFF) before the unit turns off automatically.

Note: you may also press SLEEP repeatedly to select the desirable length of time.

- Select "Sleep OFF" if you want to cancel using this function.
- The display will return to the previous display after a few seconds. The sleep function is now set. A small clock icon (Z60) will show at the lower right corner of the display with the remaining length of time next to it.

Internet radio

Listening to Internet Radio

With Internet Radio, you can listen to music or Podcasts in other countries or from your hometown. It offers the most music selections from around the world and most stations are free.

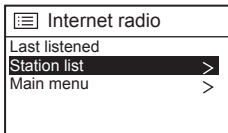
To access the Internet radio mode

Press **FUNCTION** repeatedly on the main unit until Internet radio mode is selected.

To browse and listen to an Internet radio station

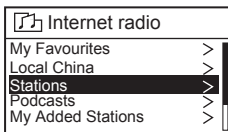
Press **FUNCTION** repeatedly on the main unit until Internet radio mode is selected.

1. In Internet radio mode, press **MENU**
2. Press **▲** or **▼** to select "Station list" and then press **SELECT/ENTER**



Note: If the unit did not connect any Internet, "SSID" menu will appear automatically. You should select your available Internet network. Refer to page 8 for more information for Internet setup.

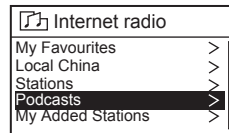
3. If the Internet was connected before, the unit will enter station list to select your favorite station.
4. Press **▲** or **▼** to select "Stations" and then press **SELECT/ENTER**



5. Internet radio station are categorized according to Location (e.g. Africa, Asia), Genre (e.g. Big Band, Blues). Press **▲** or **▼** to select a category or sub-category and then press **SELECT/ENTER**
6. While a station is selected, press **SELECT/ENTER** to start listening.

To browse and listen to a Podcast:

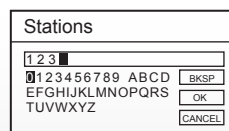
1. In Internet radio mode, press **MENU**
2. Press **▲** or **▼** to select "Station list" and then press **SELECT/ENTER**
3. Press **▲** or **▼** to select "Podcasts" and then press **SELECT/ENTER**



4. Podcasts are categorized according to Location (e.g. Germany, USA), Genre (e.g. Health, History). Press **▲** or **▼** to select a category or sub-category and then press **SELECT/ENTER**
5. While a Podcast is selected, press **SELECT/ENTER** to start listening.

To search for an Internet radio station

1. In Internet radio mode, press **MENU**.
2. Press **▲** or **▼** to select "Station list" and then press **SELECT/ENTER**
3. Press **▲** or **▼** to select "Stations" and then press **SELECT/ENTER**
4. Press **▲** or **▼** to select "Search station" and then press **SELECT/ENTER**
5. Enter the station name and then start the search.



You may also enter only an alphabet and search for all stations starting with the entered letter.

Internet radio

Listening to Internet Radio - continued

To search for a Podcast

1. In Internet radio mode, press MENU.
2. Press ▲ or ▼ to select “Station list” and then press **SELECT/ENTER**
3. Press ▲ or ▼ to select “Podcasts” and then press **SELECT/ENTER**
4. Press ▲ or ▼ to select “Search podcast” and then press **SELECT/ENTER**
5. Enter the Podcast name and then start the search.

Stations	
1 2 3	
0 1 2 3 4 5 6 7 8 9 A B C D	BKSP
E F G H I J K L M N O P Q R S	OK
T U V W X Y Z	CANCEL

You may also enter only an alphabet and search for all Podcasts starting with the entered letter.

To check out the newly added Internet radio stations

Newly added Internet radio stations are automatically updated in the unit.

1. In Internet radio mode, press MENU.
2. Press ▲ or ▼ to select “Station list” and then press **SELECT/ENTER**
3. Press ▲ or ▼ to select “Stations” and then press **SELECT/ENTER**
4. Press ▲ or ▼ to select “New stations” and then press **SELECT/ENTER**
5. Press ▲ or ▼ to browse and select a newly added Internet radio station and then press **SELECT/ENTER** to start listening.

To listen to the last 10 listened stations

1. In Internet radio mode, press MENU.
2. Press ▲ or ▼ to select “Last listened” and then press **SELECT/ENTER**

Internet radio	
Last listened	
Station list	>
Main menu	>

3. Press ▲ or ▼ to select a previously listened station and then press **SELECT/ENTER**

Manage your stations

Logon to Frontier Silicon Internet Radio Portal (www.wi-radio-frontier.com) to add new stations and create list of My Favourite stations.

To register in the Internet Radio Portal

1. In Internet radio mode, press MENU.
2. Press ▲ or ▼ to select "Station list" and then press **SELECT/ENTER**
3. Press ▲ or ▼ to select "Help" and then press **SELECT/ENTER**
4. Press ▲ or ▼ to select "Access code" and then press **SELECT/ENTER**
5. Go to www.wiradio-frontier.com from your PC and then click Register here from the left menu.



6. Create a user account by following the instructions on the web page. Enter your access code here as noted in step 4.



Your favourite stations will be synchronized with the unit automatically.


3. In Internet radio mode, press MENU.
4. Press ▲ or ▼ to select "Station list" and then press **SELECT/ENTER**
5. Press ▲ or ▼ to select "My favourites" and then press **SELECT/ENTER**
6. Press ▲ or ▼ to browse and select a favourite station and then press **SELECT/ENTER** to start listening.

To add new stations that is not on the list

1. Logon to Frontier Silicon Internet Radio Portal (www.wi-radio-frontier.com) from your PC.
2. From the main page of the Internet Radio Portal, click ➡ under My added stations .
3. Enter the information of the new station as instructed and then click ➡



To mark stations as your favourites

1. Logon to Frontier Silicon Internet Radio Portal (www.wi-radio-frontier.com) from your PC.
2. Browse and find out your favourite stations from the left menu. Mark your favourite stations by clicking  next to the station name.

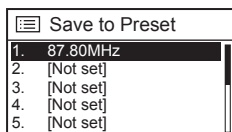
Internet radio

Manage your stations - continued

4. In Internet radio mode, press MENU.
5. Press ▲ or ▼ to select "Station list" and then press **SELECT/ENTER**
6. Press ▲ or ▼ to select "My Added Stations" and then press **SELECT/ENTER**
7. Press ▲ or ▼ to browse and select a favourite station and then press **SELECT/ENTER** to start listening.

To store a station as a preset

1. While listening to a desired station, press and hold ►►I/PRESET.
2. Press ▲ or ▼ to select a preset number.



3. Press **SELECT/ENTER** to save the station as a preset station.
If your selected channel number is already preset with a station, the existing station will be replaced with the new one.

To listen to a preset station:

1. Press ►►I/PRESET
2. Press ▲ or ▼ to select a preset number.
3. Press **SELECT/ENTER** to listen to the selected preset station.

To quick store preset 1 to 10 (Remote only):

1. While listening to a desired station, press and hold one of the NUMBER buttons.
If you want to preset the channel number (6-10), you may press and hold SHIFT and then press NUMBER buttons.

To quick recall preset 1 to 10 (Remote control only):

2. Press one of the NUMBER buttons briefly
If you want to recall the channel number (6-10), you may press SHIFT and then press NUMBER buttons.
3. The preset station will be tune. If the preset selected is empty, then the radio will continue to play the last selected station.

To get help regarding Internet radio:

1. In Internet radio mode, press MENU.
2. Press ▲ or ▼ to select "Station list" and then press **SELECT/ENTER**
3. Press ▲ or ▼ to select "Help" and then press **SELECT/ENTER**
4. Press ▲ or ▼ to select "FAQ" and the press **SELECT/ENTER**
5. Press ▲ or ▼ to browse questions and then press **SELECT/ENTER** to view the answer from the selected question.

Music player

Accessing Music Player

With Music Player, you can listen to music files stored in a shared folder/media on your PC or via Media Sharing on your PC (see page 11-12 for configurations).

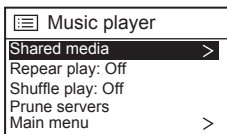
To access the Music Player mode

Press **FUNCTION** repeatedly on the main unit until Music Player mode is selected.

To play a music file from the shared media on your PC:

Make sure you have already setup your PC for media sharing. Read page 11-12 for details.

1. In Music player mode, press **▲** or **▼** to select "Shared media" and then press **SELECT**. The unit will connect to your PC (make sure you have turned on your PC).



2. Press **▲** or **▼** to select the desired shared media from the list and then press **SELECT/ENTER**
3. The content of the shared media will be listed. Press **▲**, **▼**, **▶▶** or **◀◀** to browse for a desired music file and then press **SELECT/ENTER** to start the playback.
4. Press **▶▶** SCAN to pause or resume playback.
5. Press **MENU**, then **▲** or **▼** and **SELECT/ENTER**
6. to select Browse to search for another file for playback in another shared folder or media. folder or media.

To select the play mode:

1. In Music player mode, press **▲** or **▼** to select "Repeat play" and then press **SELECT/ENTER**, the unit will repeat play entire media music continuously. Press **SELECT/ENTER** again to cancel repeat mode
2. In Music player mode, press **▲** or **▼** to select "Shuffle play" and then press **SELECT/ENTER**, the unit will play entire media music in random order. Press **SELECT/ENTER** again to cancel random mode.



DAB

Accessing DAB

When the radio is switched on from standby for the first time, the radio will carry out a local auto scan of the DAB stations available in your area (at DAB mode).

To access the DAB radio mode

Press **FUNCTION** repeatedly on the main unit until DAB radio mode is selected.

To activate the auto scan

Make sure you have already setup your PC for media sharing. Read page 11-12 for details.

1. In DAB radio mode, press **MENU**.
2. Press **▲** or **▼** to select "Scan" and then press **SELECT/ENTER**. The radio now scans and stores every station available.

Manual tune:

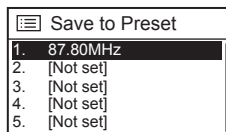
1. In DAB radio mode, press **MENU**.
2. Press **▲** or **▼** to select "Manual tune" and then press **SELECT/ENTER**
3. Repeatedly press the **▲** or **▼** buttons to go up or down the station groups (from 5A to 13F) in sequence.
4. When you get to the wanted group press **SELECT/ENTER** to display the group information.

To select a station:

1. In DAB radio mode, press **MENU**.
2. Press **▲** or **▼** to select "Station list" and then press **SELECT/ENTER**
3. Repeatedly press the **▲** or **▼** buttons to select desired station and the press **SELECT/ENTER**

To store a station as a preset:

1. While listening to a desired station, press and hold **/PRESET**.
2. Press **▲** or **▼** to select a preset number.



3. Press **SELECT** to save the station as a preset station.

If your selected channel number is already preset with a station, the existing station will be replaced with the new one.

To listen to a preset station:

1. Press **▶▶/PRESET**. Press **▲** or **▼** to select a preset number.
2. Press **SELECT** to listen to the selected preset station.

To quick store preset 1 to 10 (Remote only):

1. While listening to a desired station, press and hold one of the **NUMBER** buttons. If you want to preset the channel number (6-10), you may press and hold **SHIFT** and then press **NUMBER** buttons.

DAB

Accessing DAB - continued

To quick recall preset 1 to 10 (Remote only):

1. Press one of the NUMBER buttons briefly
If you want to recall the channel number (6-10), you may press SHIFT and then press NUMBER buttons. The preset station will be tune. If the preset selected is empty, then the radio will continue to play the last selected station.

To view the station information:

1. Press I◀◀/INFO repeatedly to view the station information (such as DLS, Program type, Multiplex /Frequency, Signal strength, Bit rate).

To delete the unavailable stations:

2. In DAB radio mode, press MENU.
3. Press ▲ or ▼ to select "Prune invalid" and then press **SELECT/ENTER**
4. Press I◀◀/INFO or ▶▶/PRESET to select "YES", and then press **SELECT/ENTER**

DRC

DRC is Dynamic Range Compression. Enabling DRC may improve the sound of DAB radio when listening in a noisy room.

Station order

Station order enables the sequence of list the stations with 'Alphanumeric', 'Ensemble', 'Valid' way.

FM

Accessing FM

To access the FM Tuner mode:

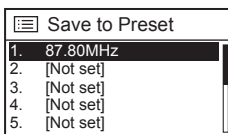
Press **FUNCTION** repeatedly on the main unit until FM mode is selected.

To perform a station search

1. Press **▲** or **▼** to adjust the frequency. Use this method to tune to weak or distant stations that are not strong enough to be recognized by the automatic search.
2. Press and hold **▲** or **▼** until the frequency on the display begins to change and then release the button to automatically search for the next available station.

To store a station as a preset

1. While listening to a desired station, press and hold **▶▶I/PRESET**.
2. Press **▲** or **▼** to select a preset number.



3. Press **SELECT/ENTER** to save the station as a preset station. If your selected channel number is already preset with a station, the existing station will be replaced with the new one.

To listen to a preset station

1. Press **▶▶I/PRESET**.
2. Press **▲** or **▼** to select a preset number.
3. Press **SELECT/ENTER** to listen to the selected preset station.

To quick store preset 1 to 10 (Remote only)

1. While listening to a desired station, press and hold one of the **NUMBER** buttons. If you want to preset the channel number (6-10), you may press and hold **SHIFT** and then press **NUMBER** buttons.

To quick recall preset 1 to 10 (Remote only)

1. Press one of the **NUMBER** buttons briefly. If you want to recall the channel number (6-10), you may press **SHIFT** and then press **NUMBER** buttons. The preset station will be tune. If the preset selected is empty, then the radio will continue to play the last selected station.

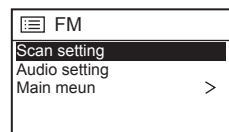
To view the station information

1. Press **I◀◀/INFO** repeatedly to view the station information (such as station name, frequency, program type, time and date).

To configure the station scan

You can configure the sensitivity to detect stations when performing automatic station scanning.

1. In FM radio mode, press **MENU**.
2. Press **▲** or **▼** to select "Scan setting" and then press **SELECT/ENTER**



FM

Accessing FM - continued

- Press ▲ or ▼ to select "YES" or "NO" and then press **SELECT/ENTER**. Setting to "YES" will exclude weaker stations resulting in a quicker scan. If you set to "NO" the scan will stop at every station detected, even if the signal is weak.

Scan setting	
Strong stations only?	
YES#	NO

To turn on or off the stereo sound

- Press ▲ or ▼ to select "Audio setting" and then press **SELECT/ENTER**
- Press ►► or ◀◀ to select "YES" or "NO" and then press **SELECT/ENTER**. This option enables you to set the radio to receive FM in Auto mode (Mono/Stereo) or in Mono only. This may be useful if the signal is weak and the broadcast is noisy.



iPod/iPhone

Navigation and Playback

In this mode, you can navigate and playback music on your iPod/iPhone connected to the unit.

To connect your iPod/iPhone to the unit

1. Switch off your iPod/iPhone or pause its music playback.
2. Place your iPod/iPhone on the iPod/iPhone dock and select the iPod/iPhone mode (read below).

To access the iPod/iPhone mode

Press FUNCTION repeatedly on the main unit until iPod mode is selected.

To navigate and play back audio files on your iPod/iPhone

The unit works with all models of iPhone, iPod Touch, iPod Nano, iPod Video and iPod Classic up to 160GB.

1. Press ►►I SCAN to toggle between Play and Pause mode at any time.

2. Press I◀◀/INFO or ►►I/PRESET to select the next or previous track on your iPod/iPhone. Press MENU to move up through the iPod menu.
3. Press ▲ or ▼ to scroll up and down options displayed on iPod menu. Press **SELECT/ENTER** to select menu items.
4. Press REPEAT to select repeat play mode.

To charge your iPod/iPhone

Your iPod/iPhone is charged whenever it is docked to the main unit.

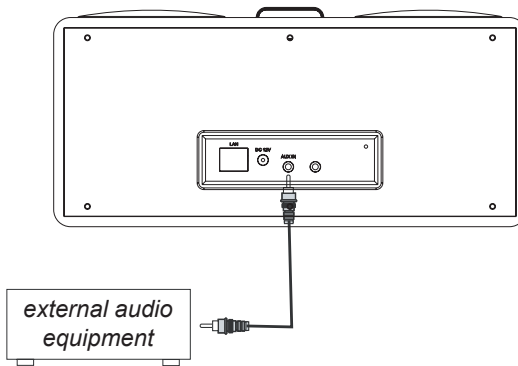
To disconnect your iPod/iPhone

Stop the iPod playback and disconnect it from the dock.

Auxiliary input

The unit includes an AUX IN jack to let you connect external audio equipment (e.g. mp3 player, audio outputs from DVD or VCR, cassette player) and listen to the sound from the external equipment through the speakers of this unit.

To connect an external audio equipment: Connect the audio output jack or headphone jack of the external audio equipment to the AUX jack at the back of this unit. You may permanently connect the external audio equipment to the unit. It is not necessary to disconnect the equipment in order to listen to other sound sources in this unit.



To access the AUX mode

Press FUNCTION repeatedly on the main unit until AUX mode is selected.

To listen to the external audio equipment

1. In AUX mode, turn on your external audio equipment and start playback from it.
2. Adjust the volume of your external audio equipment to mid-range and adjust the master volume on this unit.

Do not turn the volume of the external audio equipment too high as this may affect the sound quality.

For other playback operations, control them on your external audio equipment.

Troubleshooting tips

General

No power

- DC connection is not complete. Check all cords and cables.

Unit does not respond to key presses

- The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in.

Unable to operate the unit from the remote control

- Make sure there is no obstacle between the unit and the remote control. Move closer to the unit. The batteries are exhausted. Replace the batteries.

No sound is heard

- Volume is too low. Increase the volume
-

Internet radio

Cannot connect to unit to Internet

- Check if your access point is turned on
- Check if all connections are properly made
- Make sure a firewall is not blocking any outgoing ports
- Make sure you have entered the correct password. Password is case sensitive
- Your wireless Internet connection may exceed the maximum range for reception. Relocate the unit closer to the wireless access point
- The network settings of the unit may be incorrect. Check the network settings again
- The unit connects to the Internet but is unable to play a particular station • Check if the station is still broadcasting

- The station may have reached the maximum number of simultaneous listeners
- The link to the radio station may be out of date
- The Internet connection between the radio station server and the unit may be too slow

Intermittent audio

- The bandwidth of your wireless /LAN may be too low. Move the radio closer to the access point and make sure that there are no obstacles between them.
 - The actual transmission speed of digital radio broadcast depends on the service provider (i.e. the Internet radio station).
-

Radio

Poor radio reception

- The FM antenna is not properly extended and positioned. Extend completely and try another position.
- Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave and fluorescent lights.

Specifications

General

Supply Voltage : 12V 2.5A

Amplifier

Power Output : 2 x 5 Watt RMS

Frequency range

FM : 87.5 MHz to 108 MHz

DAB : 174.928MHz to 239.200MHz

Speaker system

Speakers : 2 Way Speakers x 2

Impedance : 8 ohms

Dimensions

280mm (w) x 120mm (d) x 127mm (h)

Weight: 2.1kgs

All specifications, features and dimensions are subject to change without notice.



Service

Please contact your local
authorised dealer or
reseller.

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info@rothaudio.co.uk

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