

BR330DABC
USER MANUAL

Smart Audio Adapter with Digital Radio



DAB+ / FM
Radio



Spotify Connect
Enabled



Easy to Read
Colour LCD Display



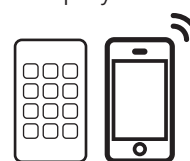
16,000+ Internet
Radio Stations



Stream Audio
via Bluetooth



Multi-Room
Audio Streaming



Remote +
Smartphone App

Powered by
UNDOK

Important Safety Instructions



1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use the speaker near water.
6. Clean only with dry cloth.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS SPEAKER TO RAIN OR MOISTURE.

To reduce the risk of electrical shock, fire, etc.:

1. Do not place unit near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
2. Do not block any ventilation openings of unit.
3. The unit shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the unit.
4. Do not place any heavy loads onto the unit, and do not step on it, the load may fall and cause serious injury to the unit.
5. Please read Rating Labels on the rear of unit for power input and other safety information.
6. This unit is intended to be used only with the power supply provided.
7. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at any point where they exit from the unit.
8. Never unplug your unit by pulling on the power cord. Always grasp the plug firmly and pull straight out from the outlet.
9. Repair or replace all electric service cords that have become frayed or otherwise damaged immediately. Do not use a cord that shows cracks or abrasion damage along its length, the plug, or the connector end.
10. To prevent fire or shock hazard, do not use this plug with an extension cord or other outlet unless the blades can be fully inserted to prevent blade exposure.
11. During lightning or raining days, unplug the unit for additional protection during thunderstorms or when the unit is not used for prolonged periods. This will prevent damage to the unit from lightning and power surges.
12. Do not attempt to carry out any service work yourself. By opening or removing the cabinet, you may be exposed to dangerous voltage or other hazards. Any service work should be carried out by qualified technicians.
13. The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.
14. The means of disconnecting this apparatus from the mains supply is plug of adapter. The disconnect device shall remain readily operable.

15. The battery of remote control shall not be exposed to excessive heat such as sunshine, fire or the like.
16. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
17. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit switched on while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Switch it off and disconnect the mains plug from the mains socket.

Contents

Important Safety Instructions	2
Contents	4
Getting Started	6
Your Receiver	8
Unit Views	8
Remote Control View	9
Setup Wizard	10
Internet Radio mode	12
'Local 'Country' Stations	12
Selecting a station through 'Stations'	13
Selecting a station through 'Podcasts'	14
Getting Access Code and FAQ Solution	14
Adding station to 'My Favourites'	15
Adding station to 'My Added Stations'	16
View Station Information	16
Storing Preset Stations	16
Recalling a Preset Station	16
Spotify Connect	17
Using Spotify Connect	17
Controlling Spotify Connect	18
Using another Spotify account with your receiver	18
Music player Mode	19
Sharing Media with Windows Media Player	19
Playing Shared Media	20
My Playlist	21
Repeat Play Mode	21
Shuffle Play Mode	21
Clearing My Playlist	21
Prune Servers	21
Now Playing Information	21
DAB Mode	22
Selecting DAB mode	22
Selecting another Station	22
Secondary Service	22
Scanning Stations	22
Prune Invalid	23
DRC (Dynamic Range Control) value	23
Changing Station Order	23
Viewing Station Information	23

Storing Preset Stations	24
Recalling a Preset Station	24
FM Mode	25
Selecting FM Mode	25
Scan setting	25
Audio Settings	25
Storing Preset Stations	26
Recalling a Preset Station	26
Bluetooth Mode	27
General Operation	28
Setting Sleep	28
Setting Alarm	28
Setting Equaliser	29
Network Setup	29
Setting Time/Date	30
Setting Language	30
Factory Reset	30
Software Update – Over the network	30
Setup Wizard	31
Viewing System Info	31
Setting Backlight	31
Multi-room	32
Menu Map	35
Troubleshooting	37
Specifications	37

Getting Started

Carefully remove your radio from the box. You may wish to store the packaging for future use.

What you can find inside of your package

- Main unit x 1
- Remote control x 1 and AAA alkaline batteries x 2
- Power adapter x 1
- DAB/FM antenna x 1
- RCA cable x 1
- Quick start guide x 1

Positioning your Radio

Place your radio on a flat / stable surface that is not subject to vibrations.

Avoid the following locations:

- Where the radio will be exposed to direct sunlight.
- Where the radio will be close to heat radiating sources.
- Where the humidity is high and ventilation is poor.
- Where it is dusty.
- Where it is damp or there is a possibility of water dripping or splashing onto unit.

Adjusting the Antenna

Unwind the DAB/FM antenna and insert it to **Antenna** socket on the rear of the unit to ensure you receive the best reception possible in both DAB and FM radio modes. It may be necessary to adjust the position of the radio and /or antenna to achieve the best signal.

Turning the Unit On/Off

Connect the plug at the end of power adapter cable to the **DC IN** socket on the rear of the unit. Then insert the power adapter into the mains socket. The unit will go to standby mode.

Press  button on the unit or on the remote control to switch unit on.

Press  button a second time on the unit or on the remote control to switch unit to standby.

To turn off unit completely, disconnect the power cord from the mains socket especially you attempt to not use receiver for long periods of time.

Volume Control

Adjust the receiver volume by pressing **VOLUME -** and **+** buttons on the remote control to decrease and increase volume.

Using the Optical Connection

Use an optical cable (not supplied) to connect **Optical Out** socket on the rear of unit to audio system's OPTICAL IN socket. You can enjoy music that transmits from your receiver to your existing audio system.

Using the Audio Out Connection

Connect the 3.5mm plug at one end of the RCA cable to the **Audio Out** socket on the rear of unit, and then insert the Red and Black plugs at the other end of the RCA cable to LINE IN sockets of your audio system. You can enjoy music that transmits from your receiver to your existing audio system.

Automatically Setting the Clock

The clock can be set and updated automatically if you are connected to the internet or receive DAB / FM signals in your location. In order for the clock to synchronise to the current local time you must leave it on an Internet Radio, DAB or FM station for a short period of time. You can also choose how you would like to keep the clock up to date the Internet, DAB or FM radio signals. Go to **Main menu - System settings - Time/Date - Auto update**.

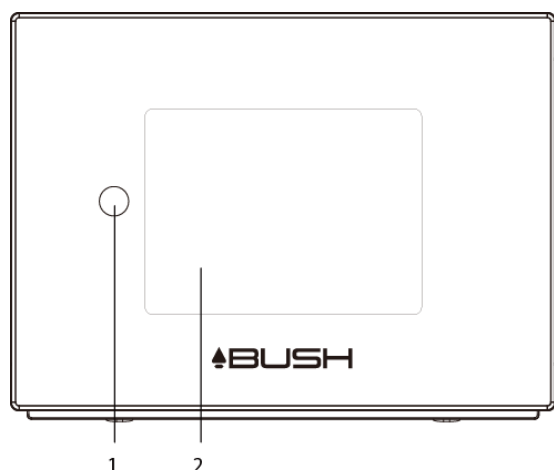
Wireless LAN Setting

- A broadband Internet connection.
- A wireless access point (Wi-Fi) connected to your broadband Internet, preferably via a router.
- If your wireless network is configured to use Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA) data encryption then you need to know the WEP or WPA code so you can get the Internet Radio to communicate with the network.
- If your wireless network is configured for trusted stations you will need to enter the Radio's MAC address into your wireless access point. To find the Radio's MAC address use the menu items as follows: **Main menu - System settings - Network - View settings - MAC address**.

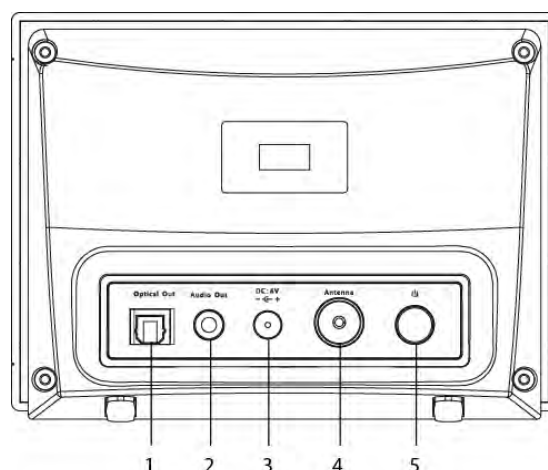
Before you continue, make sure that your wireless access point is powered up and connected to your broadband Internet. To get this part of the system working, read the instruction supplied with the wireless access point is highly recommended.

Your Receiver

Unit Views

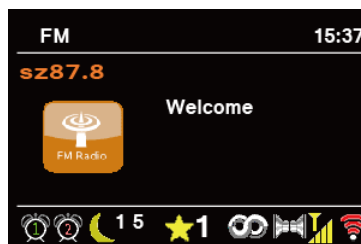
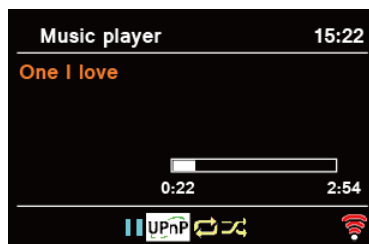


1. Remote control sensor
2. Display



1. **Optical Out** socket
2. **Audio Out** socket
3. **DC IN** socket
4. **Antenna** socket
5. **Power** button

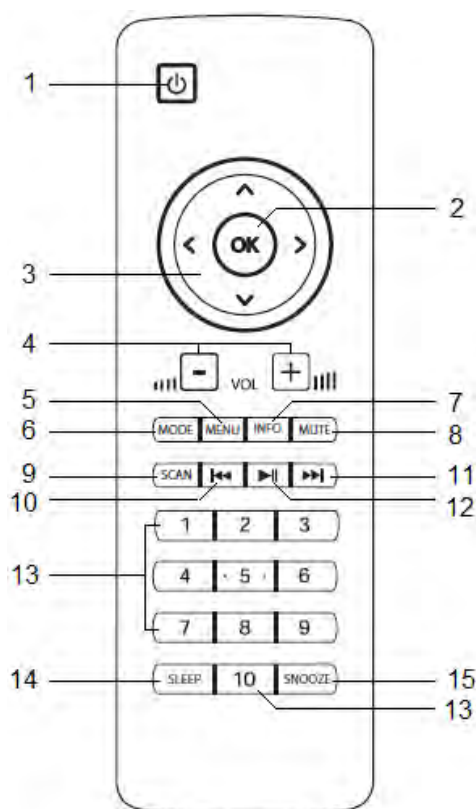
Icons on display



Icon

- : WiFi level
- : Music/program is paused
- : Music player mode - Music/programs played from a Media Server on your network
- : Repeat play
- : Shuffle play
- : Alarm 1 is active
- : Alarm 2 is active
- ##: Sleep timer is active and unit will go to standby after "##" minutes
- #: Preset station "#"
- : RDS (Radio Data System)
The FM station with RDS which plays Program Name, Program Type, Program Contents and other information.
- : Audio of the FM station is produced in stereo
- : Station signal strength

Remote Control View



Replacing the batteries:

1. Open the battery compartment cover on the rear of your remote control.
2. Install two AAA new batteries referring to the markings direction inside the battery compartment.

 **Note:** do not reverse any battery and do not mix battery types, also do not mix old and new batteries. When discard your old battery, please considering eco-friendly.

3. Cover the battery compartment door.

1.  button
Press to switch receiver on or standby.
2. **OK** button
Press to confirm your selection.
3.  buttons
Press to browse options.
4. **VOL +/-** buttons
Press to adjust volume.
5. **MENU** button
Press to display menu options.
6. **MODE** button
Press to switch among Internet, Spotify, Music player, DAB, FM and Bluetooth modes.
7. **INFO** button
Press to view station information.
8. **MUTE** button
Press to mute receiver, press again to pick up sound.
9. **SCAN** button
Press to scan available DAB and FM stations.
10.  button
Press to skip to previous track in Music player and Spotify mode.
Press and hold to fast reverse current track in Music player and Spotify mode.
11.  button
Press to skip to next track in Music player and Spotify mode.
Press and hold to fast forwards current track in Music player and Spotify mode.
12.  button
Press to pause/play current track in Music player and Spotify mode.
13. **Preset buttons 1-10**
Press and hold to save a preset station.
Press to recall a saved preset station.
14. **SLEEP** button
Press to set up sleep time.
15. **SNOOZE** button
Press to active snooze function.

Setup Wizard

- For initial use, the display will show 'Setup wizard' screen.



- Press **<** or **>** button to confirm 'YES' to start setup. Options in the setup wizard include the following:

Date/Time

Set 12 or 24 hour format

Auto update

- Update from DAB
- Update from FM
- Update from Network

Select your time zone and daylight savings is needed.

- No update

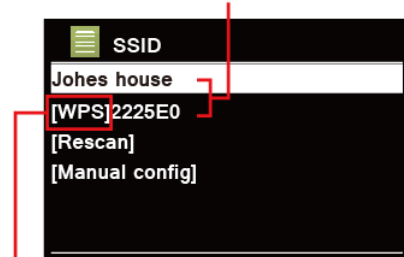
Set the date and time is needed.

Keep network connected

Select YES or NO

- The Wizard will now scan your location for accessible wireless networks. When the scan has finished, a list of networks will be displayed.

Names of wireless networks in range.

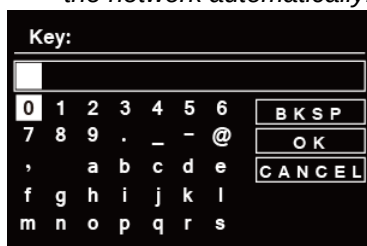


WPS security is available for this network.

- Press **<** or **>** button and then press **OK** button to select a wireless network you wanted.

- 1) If a WEP/WPA key (password) is required, receiver will ask you to input the WEP/WPA code and display the password entry screen as follows:

 **Note:** If a password (WEP/WPA) isn't required by your network, receiver will connect to the network automatically.



- a. Press **< ^ v >** buttons to cycle through the alphanumeric character list, press **OK** button to select an appointed character.

 **Note:** WEP/WPA pass codes are case-sensitive.

- b. If a wrong operation is being conducted, select **B K S P** to delete designated character.

 **Note:** **B K S P** = Backspace; **CANCEL** means return to previous track; receiver will automatically save the WEP/WPA you've input, so no bother to re-enter these codes.

- c. After selecting the final character of your password, press **< ^ v >** buttons to **OK**, and then press **OK** button to confirm. The receiver is connected to wireless network.

2) Devices that support connection via WPS (Wi-Fi Protected Setup) are identified in the list as **[WPS]**.

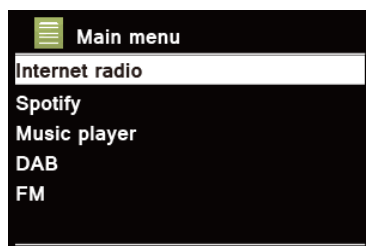
- a. If you wish to establish a connection via WPS, press **OK** button after you have selected desired network. The receiver then offers the option to initiate WPS.
- b. Press **<** or **>** button to select through PUSH Button, PIN and Enter Passkey, press **OK** button to confirm.

Push Button	You must start the WPS scan on the remote station (e.g. router). Consult the manual for your router or Access Points (AP) to learn how to do this. After you have done this, press OK button on the remote control and then both devices will establish a connection.
PIN	The receiver creates an 8-digit number, which you then have to enter into the remote station. After entering the PIN, press OK button to establish the connection between both devices.
Enter Passkey	In addition to a WPS connection, you can also establish a connection using a Pre-Shared-Key. The required key is often on the rear of the router, or you may have defined it yourself. This method is used automatically for networks without WPS. You can call up the Pre-Shared-Key function on networks with WPS by selecting menu item 'Enter Passkey'. An input field should now appear. You can enter the required key (PSK) by pressing < ^ v > buttons and press OK button, and then select 'OK' and press OK button complete the entry. The receiver should now establish the connection to the network.

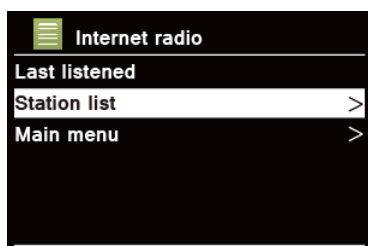
5. Setup wizard completed, press **OK** button to exit.

Internet Radio mode

1. The display will show 'Main menu' after 'Setup wizard' completed. Press **OK** button to select **Internet radio** mode.



2. While 'Station list' is highlighted, press **OK** button to confirm.

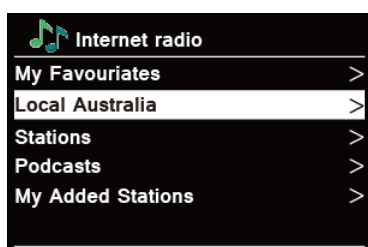


3. Then refer following section to choice stations. Or if failed to connect to network, please follow:
 - a. Check your Router, see it working normally or not;
 - b. Relocate your receiver to a stronger signal position is necessary!
 - c. Make sure your password is correct input.

'Local 'Country'' Stations

Local 'Country' will change according to your current location (e.g. Local Australia). It displays local stations of your current location.

1. To enter Local stations, press **MENU** button - **Station list** - **Local 'Country'**, and then press **OK** button to confirm.

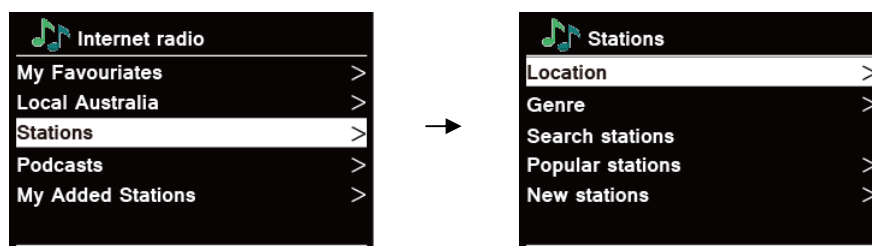


2. Station genres are listed. Press **▲** or **▼** button to select the genre you wanted, and then press **OK** button to confirm.
3. Press **▲** or **▼** button to select you desired station, and then press **OK** button to confirm.

Selecting a station through 'Stations'

Stations enables you to select a station from categories: Location, Genre, Popular stations or New stations, or search stations.

1. Press **MENU** button - **Station list** - **Stations**, and then press **OK** button to confirm.



2. In 'Stations' menu:

- 'Location' enables you to choose from the radio stations provided by any country which you choose from a list.
 - a. While 'Location' is highlighted, press **OK** button to confirm.
 - b. Press **▲** or **▼** button to select the region you wanted, and then press **OK** button to confirm.
 - c. Press **▲** or **▼** button to select the country you wanted, and then press **OK** button to confirm.
 - d. Press **▲** or **▼** button to select the station you wanted, and then press **OK** button to confirm.

The station will be broadcast.
- 'Genre' enables you to choose radio stations according to their content, for example Classic Rock, Sport, News, etc.
 - a. While 'Genre' is highlighted, press **OK** button to confirm.
 - b. Press **▲** or **▼** button to select the genre you wanted, and then press **OK** button to confirm.
 - c. Press **▲** or **▼** button to select through All Stations, Highlighted Stations or the country you wanted, and then press **OK** button to confirm.
 - d. Press **▲** or **▼** button to select the station you wanted, and then press **OK** button to confirm.

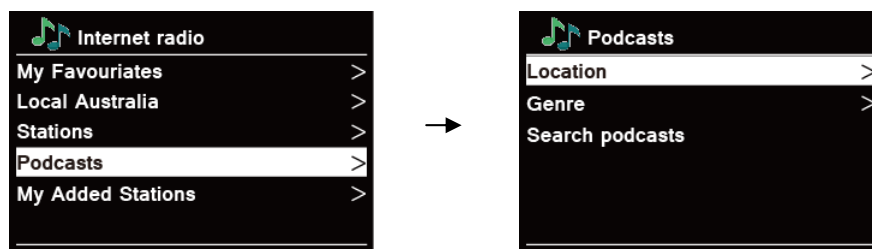
The station will be broadcast.
- 'Search stations' enables you to enter all or part of station name to find a station.
- 'Popular stations' enables your receiver to list the stations that have the most listeners.
- 'New stations' enables your receiver to list the stations that have recently joined the Internet radio network.

 **Note:** Some radio stations do not broadcast 24 hours per day, and some stations are not always on-line.

Selecting a station through 'Podcasts'

Podcasts enables you to select a podcast from categories: Location or Genre, or search podcasts.

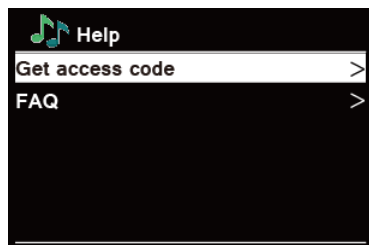
1. Press **MENU** button - **Station list** - **Podcasts**, and then press **OK** button to confirm.



2. In "Podcasts" menu:
 - 'Location' enables you to choose from the podcasts provided by any country which you choose from a list.
 - a. While 'Location' is highlighted, press **OK** button to confirm.
 - b. Press **▲** or **▼** button to select the region you wanted, and then press **OK** button to confirm.
 - c. Press **▲** or **▼** button to select the country you wanted, and then press **OK** button to confirm.
 - d. Press **▲** or **▼** button to select All Shows or By Genre, and then press **OK** button to confirm.
 - e. Press **▲** or **▼** button to select the podcast you wanted, and then press **OK** button to confirm. The station will be broadcast.
 - 'Genre' enables you to choose radio stations according to their content, for example Classic Rock, Sport, News, etc.
 - a. While 'Genre' is highlighted, press **OK** button to confirm.
 - b. Press **▲** or **▼** button to select the genre you wanted, and then press **OK** button to confirm.
 - c. Press **▲** or **▼** button to select the podcast you wanted, and then press **OK** button to confirm. The station will be broadcast.
 - 'Search stations' enables you to enter all or part of station name to find a station.

Getting Access Code and FAQ Solution

1. To access to this order, press **MENU** button - **Station list** - **Help**, and then press **OK** button to confirm.



2. Press **▲** or **▼** button to select Get access code or FAQ, and then **OK** button to confirm

Get access code	It uses for creating an account when registering your receiver on portal www.wifiradio-frontier.com Refer to section ' Adding station to 'My Favourites'' .
FAQ	Press ▲ or ▼ button to select question, and then press OK button to listen the FAQ.

Adding station to 'My Favourites'

You have two ways to add your favorite stations to "My Favourites" list. It will make you easier to find the stations that you like.

Adding a station while listening to it

1. While you are listening to an internet radio station, press and hold **OK** button until display shows "Favorite added".
2. The station will now be stored in a folder called "Stations". Any station stored in this way will be placed in the Stations folder.

Adding stations via the website

1. To register your receiver with the portal: www.wifiradio-frontier.com



2. Create account login, enter **Access code** is required. Access code can be found from 'Station list - Help - Get access code'.

Create account login

1. Please enter the Access code for your Wi-Fi radio (Please refer to your Wi-Fi radio instruction manual for details on how to retrieve your Access code):

Access code:

2. Type in your Email Address, then enter in your Password twice to verify accuracy, click the register link to continue.
Please keep track of your password since it will be used every time you log in to your account.

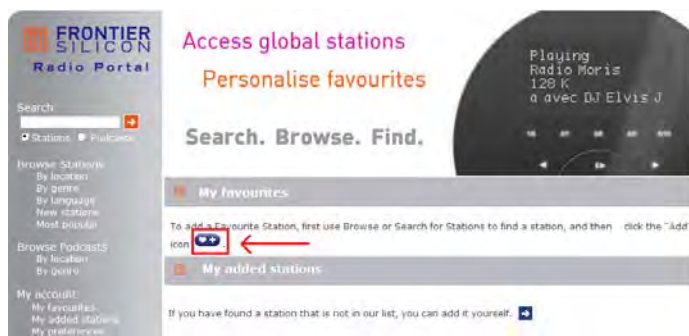
E-Mail address:

Password: Must be at least 6 characters

Enter password again:

Wi-Fi radio model:

3. To add a Favourite Station, first find a station and then click the "Add" icon.



4. After you added the stations, in order to have your receiver access your new settings, get your receiver power off for several minutes is necessary.
5. The added stations are accessible by selecting **MENU - Station list - My favourites**.

 **Note:** Doing a 'factory reset' cannot erase 'my favourites' stations.

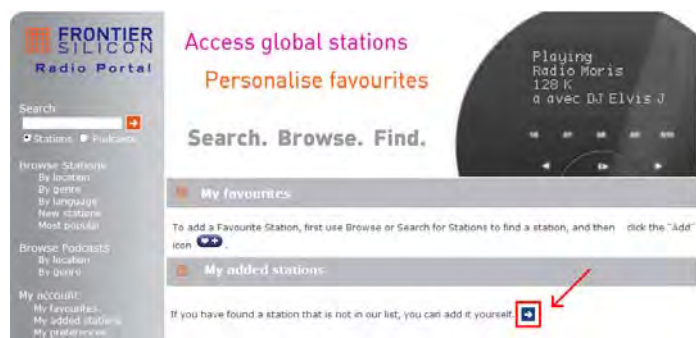
Adding station to 'My Added Stations'

Even though the Internet radio portal contains thousands of stations, you may want to listen to stations not listed. You can add your own stations via the portal (www.wifiradio-frontier.com).

1. Visit portal www.wifiradio-frontier.com and login as a member as you registered when adding station to "My favourites".



2. To add your own station, click the icon.



3. After you added the stations, in order to have your receiver access your new settings, get your receiver power off for several minutes is necessary.
4. The added stations are accessible by selecting **MENU - Station list - My added stations**.

 **Note:** doing a 'factory reset' cannot erase 'my added stations'.

View Station Information

Internet programs broadcast additional information. Press **INFO** button repeatedly, the display will show the information through Station Description, Genre, Country, Reliability, Bit rate, Codec, Sampling Rate, Playback Buffer and Date Info.

Storing Preset Stations

Your receiver can store up to 10 of your favourite Internet stations. This will enable you to access your favourite stations quickly and easily.

1. While playing your favourite station, press and hold one of Preset buttons **1-10** until display shows 'Preset stored'.
2. Preset number '★#' will show on the display.

Recalling a Preset Station

1. Press one of Preset buttons **1-10** to play the preset station.
2. The display will show 'Preset empty' if the preset station isn't allocated.

Spotify Connect

Spotify gives you millions of songs at your fingertips. The artists you love, the readymade playlists for every mood and genre, the latest hits and new discoveries just for you.

With Spotify Connect feature, you can play and control all this music wirelessly. Choose music on your smartphone or tablet, and listen on your receiver.

*For service availability in your country, check www.spotify.com

Using Spotify Connect

Your receiver has Spotify Connect built in. This lets you control the music playing on your receiver using the Spotify app on your smartphone or tablet.

Listening is seamless – you can take calls, play games, watch a video, even switch your phone off, all without interrupting the music. It's a better way to listen at home.

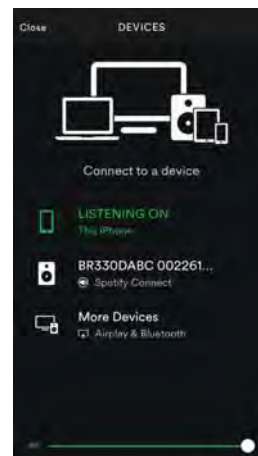
You'll need a Spotify Premium account to use Spotify Connect. If you don't have it, just go to www.spotify.com/freetrial for your free trial.

1. Download Spotify app for your smartphone or tablet (iOS or Android).
2. Connect your receiver to the same WiFi network as your smartphone or tablet, and then press **MODE** button repeatedly to select **Spotify Connect** mode.
3. Open the Spotify app on your smartphone or tablet, and play any song.
4. Tap the square image of the song's cover art in the bottom left of the screen. Then tap the

Connect icon .

5. Tap "BR330DABC" from the list. If you can't see it, just check it's connected to the same WiFi network as your phone or tablet.

You will notice that your receiver is currently listed as "BR330DABC xxxxxxxxxxxx" (the 12 digit alphanumeric code is the MAC address of your receiver) in the Spotify App.



6. The **Connect** icon will turn green to signify that your receiver is now selected and being used for audio playback.
7. Your Spotify app will only recognize your receiver when the receiver is connected to the internet (i.e. in Internet Radio, Spotify Connect or Music player modes). To use Spotify when your receiver is in non-internet modes (i.e. in DAB, FM or Bluetooth mode) you need to select **Main menu - System settings - Network - Keep network connected - YES**. This also allows you to wake the receiver from standby using your Spotify app.

 **Note:** *If unattended to use receiver for long periods of time, e.g. overnight, while on holiday or while out of the house, select 'NO' to save power is recommended.*

Controlling Spotify Connect

You can now control Spotify from the app like normal; search for and play your tracks, change the volume and add to playlists even though playback is through your receiver. The next time you open the Spotify app, playback will continue through your receiver.

Spotify Connect is a cloud-based service, therefore after activation on your receiver, your smartphone or tablet no longer needs to be on the same WiFi network to control audio playback.

Using another Spotify account with your receiver

Your Spotify account details are now stored on your receiver. To overwrite this with another Spotify account, simply follow the activation steps again whilst running the Spotify app using your desired account. Please remember that both your smartphone or tablet and your receiver need to be on the same WiFi network for the overwriting to occur.

Music player Mode

In order for your receiver to play music files from a computer, the computer must be set up to share files or media.

The built-in Music player allows devices like this receiver to play unprotected audio files (AAC, MP3, WMA) from a shared media library, navigating through tag menus such as Artist, Album or Genre.

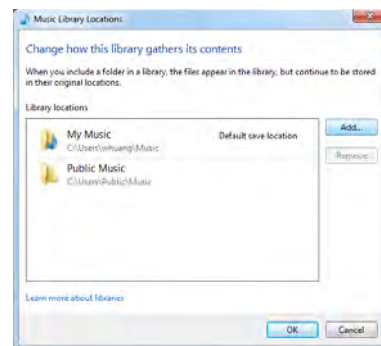
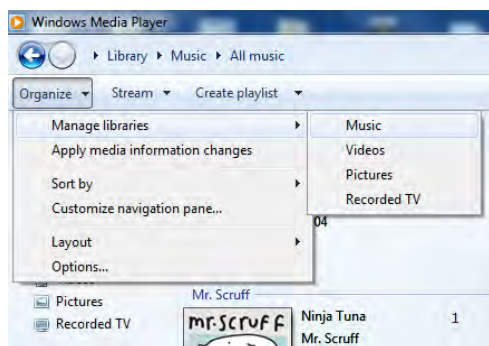
If you are running a suitable server system such as a PC with Windows Media Player 10 or later (WMP), and your music library is well-tagged, then it is recommended to use media sharing.

Only the UPnP (Universal Plug and Play) server needs to be set up. (iTunes does not currently work as a UPnP media server.)

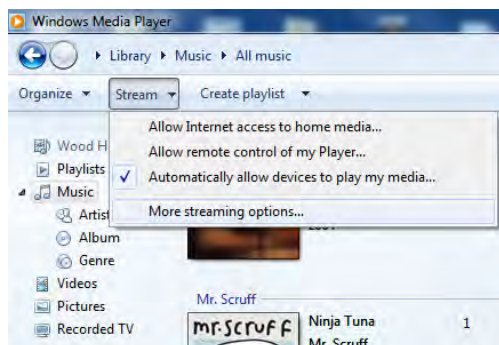
Sharing Media with Windows Media Player

The most common UPnP server is Windows Media Player (10 or later. Viewing version from **Help - About Windows Media Player**). Alternatively, other UPnP platforms and servers may be used. To set up WMP for media sharing, perform the following steps:

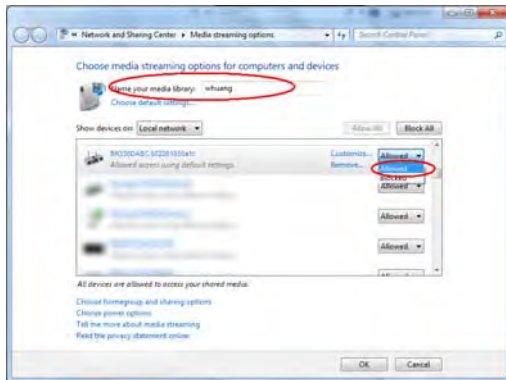
1. Ensure that the PC is connected to the network.
2. Ensure that the receiver is powered on and connected to the same network.
3. In WMP, add to the media library the audio files and folders you want to share with your receiver by selecting **Organize - Manage Libraries - Music / Videos / Pictures / Recorded TV**, click **Add** to add audio files and folders and then click **OK** to finish adding.



4. In WMP, enable media sharing (**Stream - More streaming options...**).



5. Make sure that the receiver has access to the shared media by selecting it and clicking **Allow**. You can also set a name for the shared media in the box of **Name your media library**. Click **OK** to close the dialogue boxes.



6. The PC is now ready to stream the music to the receiver. The WMP UPnP service runs in the background; there is no need to start WMP explicitly.

Playing Shared Media

1. Press **MODE** button repeatedly to select **Music player** mode.
2. While 'Shared media' is highlighted, press **OK** button to confirm.



3. Available media servers will be listed. Press **▲** or **▼** button to browse servers and press **OK** button to confirm, and then step by step to your selecting music.



4. When a track is playing, you can use remote control to:
 - a. Press **⏮** button to skip to previous track; press and hold **⏮** button to fast reverse current playing track.
 - b. Press **⏸** button to play/pause current playing track.
 - c. Press **⏭** button to skip to next track; press and hold **⏭** button to fast forward current playing track.
 - d. Switch receiver to other modes to stop playing.

My Playlist

The My Playlist feature enables you to create a playlist of your favourite tracks from your music libraries.

Once you have your playlist ready you can choose to play through the playlist on your receiver and can also set shuffle and repeat play functions while your playlist is playing.

1. **To save a track to 'My Playlist'**, browse the track you want to add to the playlist, press and hold **OK** button, then the track is added to the playlist.
2. **To play 'My Playlist'**, press **MENU** button, and then press **▲** or **▼** button to select 'My playlist', press **OK** button to confirm. Browse the track you want to play, and then press **OK** button to select.

Repeat Play Mode

Press **MENU** button, and then press **▲** or **▼** button to select 'Repeat play: Off', then press **OK** button repeatedly to shift repeat play 'On' or 'Off'.

Shuffle Play Mode

Press **MENU** button, and then press **▲** or **▼** button to select 'Shuffle play: Off', then press **OK** button repeatedly to shift repeat play 'On' or 'Off'.

Clearing My Playlist

You can use this feature to clear the contents of your playlist.

1. Press **MENU** button, press **▲** or **▼** button to select 'Clear My playlist' and then press **OK** button to confirm.
2. Select 'YES' to clear my playlist.

Prune Servers

The Prune Servers feature enables you to remove music servers that are no longer available to you to browse for music.

1. Press **MENU** button, press **▲** or **▼** button to select 'Prune servers' and then press **OK** button to confirm.
2. Select 'Yes' to 'Prune shared media wake on LAN servers'.

Now Playing Information

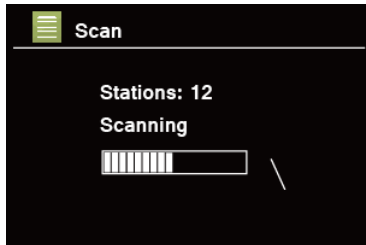
While a track is playing, the display shows the track and a progress bar with figures for elapsed and total track time.

To view further information, press **INFO** button repeatedly to show the information through Artist, Album, Bit Rate, Codec, Sampling Rate, Playback buffer and Date on the display.

DAB Mode

Selecting DAB mode

1. Press **MODE** button repeatedly to select **DAB** mode.
2. For initial use, receiver will carry out a full scan and store stations list in memory.



3. Once the scanning is completed, the DAB/DAB+ stations will be displayed in alphanumeric order. The first station in the list will be selected, press **OK** button to broadcast.

 **Note:** if no DAB/DAB+ signal is found in your area, it may be necessary to relocate your receiver to a stronger signal area. Visit: www.digitalradioplus.com.au to check if DAB is available in your area.

Selecting another Station

1. While a program is playing, press **MENU** button and then press  or  button to select 'Station list', press **OK** button to confirm.
2. Press  or  button to select the stations you want to play, and then press **OK** button to confirm.

 **Note:** alternatively, while a program is playing, press  or  button to display station list, and then press  or  button to select the stations you want to play. Press **OK** button to confirm.

Secondary Service

You may see a '>>' symbol after the name of the station, this indicates that there are secondary services available to that station. These secondary services contain extra services that are related to the primary station. E.g. a sports station may want to add extra commentaries. The secondary services are inserted directly after the primary station (a '<<' symbol is before the name of the station) in the station list.

To select the secondary station, press  or  button until you find the secondary service you want, then press **OK** button to select it.

When the secondary service ends, the unit will automatically switch back to the primary station.

Scanning Stations

Press **MENU** button, press  or  button to select 'Scan', and then press **OK** button to full scan. Alternatively, simply press **SCAN** button to scan for all available stations.

Prune Invalid

You may remove all unavailable stations from the station list.

1. Press **MENU** button, press **▲** or **▼** button to select 'Prune invalid', and then press **OK** button to confirm.
2. Press **◀** or **▶** button to select 'YES', and then press **OK** button to confirm.

DRC (Dynamic Range Control) value

If you are listening to music with high dynamic range in a noisy environment (for example classical music while cooking), you may wish to compress the audio dynamic range. This makes quiet sounds louder and loud sounds quieter.

1. Press **MENU** button, press **▲** or **▼** button to select 'DRC', and then press **OK** button to confirm.
2. Press **▲** or **▼** button to select through 'DRC high', 'DRC low' or 'DRC off', press **OK** button to confirm.

Changing Station Order

You may want to display the stations in different order.

1. Press **MENU** button, press **▲** or **▼** button to select 'Station order', and then press **OK** button to confirm.
2. Press **▲** or **▼** button to select through 'Alphanumeric', 'Ensemble' or 'Valid', and then press **OK** button to confirm your selecting option.

Alphanumeric	Display all stations in alphanumeric order.
Ensemble	List currently broadcasting active stations before inactive ones.
Valid	Remove inactive stations from the station list.

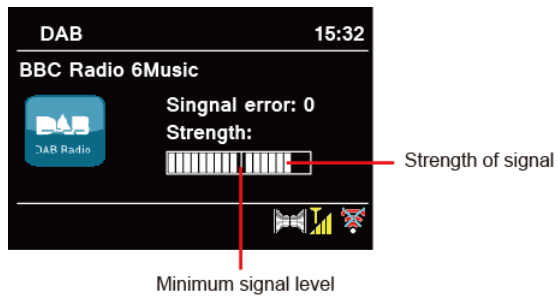
Viewing Station Information

DAB/DAB+ stations broadcast additional information. Press **INFO** button on the main unit repeatedly to view information through DLS (Dynamic Label Segment), Ensemble, Program Frequency, Signal Quality, Signal Strength, Bitrate, Codec, Channel and Date.

 **Note:** to view station information while the display is playing full screen pictures, press **OK** button to minimize picture, and then you can press **INFO** button repeatedly to view information. Press **OK** button a second time to play full screen pictures.

Showing Signal Strength

While you selected signal strength, a signal bar with the strength of the current station will show on the display.



The indicator on the signal bar shows the minimum acceptable signal level.

 **Note:** Stations with signal strength below the minimum signal level may not provide a steady stream of audio.

Storing Preset Stations

Your receiver can store up to 10 of your favourite DAB stations. This will enable you to access your favourite stations quickly and easily.

1. While playing your favourite station, press and hold one of Preset buttons **1-10** until display shows 'Preset stored'.
2. Preset number '★#' will show on the display.

Recalling a Preset Station

1. Press one of Preset buttons **1-10** to play the preset station.
2. The display will show 'Preset empty' if the preset station isn't allocated.

FM Mode

Selecting FM Mode

1. Press **MODE** button repeatedly to select **FM** mode.
2. For initial use, it will start at the beginning of the FM frequency range (87.50MHz). Otherwise, the last listened FM station will be selected.



3. **To manually change the FM frequency**, while FM frequency shows up, press **▲** or **▼** button to change the frequency by 0.05MHz.
4. **To automatically scan**, while FM frequency shows up, press **▲** or **▼** button and then press the **SCAN** button, your receiver will skip forward or backward until it reached the next available station.

Scan setting

This enables you set FM scans stop at stations with strong signal or stop at any available station. By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.

1. Press **MENU** button, press **▲** or **▼** button to select 'Scan setting', and then press **OK** button to confirm.
2. Display will show 'Strong stations only', press **◀** or **▶** button to select 'YES' and then press **OK** button to confirm. The scans stop only at stations with good signal strength.
3. Press **▲** or **▼** button to select 'NO', and then press **OK** button to confirm. The scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.

Audio Settings

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).

1. To play weak stations in mono, press **MENU** button, press **▲** or **▼** button to select 'Audio setting', and then press **OK** button to confirm.
2. Display will show 'Listen in Mono only?' Press **◀** or **▶** button to select 'YES', and then press **OK** button to confirm.

Storing Preset Stations

Your receiver can store up to 10 of your favourite FM stations. This will enable you to access your favourite stations quickly and easily.

1. While playing your favourite station, press and hold one of Preset buttons **1-10** until display shows 'Preset stored'.
2. Preset number '★#' will show on the display.

Recalling a Preset Station

1. Press one of Preset buttons **1-10** to play the preset station.
2. The display will show 'Preset empty' if the preset station isn't allocated.

Bluetooth Mode

Pair the unit with a Bluetooth device to listen to music:

1. Press the **MODE** button to select **Bluetooth** mode.
2. The display will flash in  repeatedly.
3. Activate your Bluetooth device and select the search mode.
4. 'BR330DABC' will appear on your Bluetooth device.
5. Select 'BR330DABC' and enter '0000' for the password if necessary.
6. The  icon will remain steadily on the display when connection is successful.
7. While a track is playing, you can:
 - a. Press  button once to resume to the beginning of track, and then press  button once again to skip to previous track; press and hold  button to fast reverse current playing track.
 - b. Press  button to pause or play current playing track.
 - c. Press  button to skip to next track; press and hold  button to fast forward current playing track.
8. To disconnect the Bluetooth connection, press **MENU** button on the unit, Press  or  button to select 'BT disconnect', and then press **OK** button to confirm. The display will show 'Device disconnect?', Press  or  button to select 'YES', and then press **OK** button to confirm.

General Operation

Setting Sleep

This feature enables your receiver to switch to standby mode by itself after a set sleep time.

1. Press **MENU** button - **Main menu** - **Sleep**, and then press **OK** button to confirm.
2. Press  or  button to view options **Sleep OFF**, **15**, **30**, **45** or **60 minutes**, press the **OK** button to confirm. The sleep icon  and sleep time will show on the display.
3. To turn the sleep function off while the sleep timer is still counting down, select 'Sleep' option, press  or  button to select 'Sleep OFF'.

 **Note:** alternatively, press **SLEEP** button repeatedly to set sleep time.

Setting Alarm

Your receiver includes dual alarms. Set Alarm, making sure set time at first.

 **Note:** You can only hear the alarm when the radio is connected to an external device, otherwise the alarm will not work.

1. Press **MENU** button - **Main menu** - **Alarms**, and then press **OK** button to confirm.
2. Press  or  button to select 'Alarm 1' or 'Alarm 2', and then press **OK** button to confirm.
3. Press  or  button to select options, and then press **OK** button to confirm the setting.

Enable:	Alarm active day: Off, Daily, Once, Weekends or Weekdays
Time:	Alarm date: DD-MM-YYYY (only available when alarm repeat is set to 'Once') Alarm time: HH:MM
Mode:	Alarm mode: Buzzer, Internet radio, DAB or FM (If the wake-up mode is DAB and the DAB signal strength is low, the buzzer alarm will be triggered.)
Preset:	Last listened or saved preset station (not available for Buzzer mode).
Volume:	Alarm volume
Save:	Save the alarm

4. When the display shows 'Alarm Saved', the alarm setting is successful.  or  will show on the display.
5. **To temporarily switch off alarm**, press **SNOOZE** button to activate Snooze function when the alarm is sounding. Press **SNOOZE** button repeatedly can set Snooze time of 5, 10, 15 or 30 minutes in turn. The set snooze time will show on the display.
6. **To turn off alarm**, press  button when the alarm is sounding.
7. **To cancel Alarm**, refer to steps 1-3 to enable alarm 'Off'.

Setting Equaliser

This feature enables you to choose a sound equalization profile. Each of the equalization setting will change the tone of the sound from your receiver when selected.

1. Press **MENU** button - **Main menu** - **System settings** - **Equaliser**, and then press **OK** button to confirm.
2. Press **▲** or **▼** button to select through Normal, Flat, Jazz, Rock, Movie, Classic, Pop, News, My EQ or My EQ profile setup, and then press **OK** button to confirm.
3. To set up My EQ, select 'My EQ profile setup', and then press **OK** button to confirm. Press **▲** or **▼** button to select Bass or Treble, and then press **OK** button to confirm. Press **▲** or **▼** button to change the value of Bass or Treble, and then press **OK** button to confirm. Press **◀** button, display will show 'Save changes'. Press **▲** or **▼** button to select 'YES' and then press **OK** button to save changes.

Network Setup

Users encountering networking issue may find these options useful for diagnosing and fixing network problems.

1. Press **MENU** button - **Main menu** - **System settings** - **Network**, press **OK** button to confirm.
2. Press **▲** or **▼** button to select your preferred network setting option:

Network wizard:	Scan for available networks
PBC Wlan setup:	Set up a WPS encrypted network (only support the router uses WPS 2.0)
View settings.:	View network settings such as MAC address, Wlan region, IP address etc.
Manual settings:	Set wireless connection
NetRemote PIN setup	Set a Net Remote Pin code
Network profile:	List of registered networks or delete some of unwanted networks
Keep network connected:	Keep network connected in non-internet mode such as DAB, FM, Bluetooth and standby modes

3. Press **OK** button to confirm your setting.

Setting Time/Date

1. Press **MENU** button - **Main menu** - **System settings** - **Time/Date**, press **OK** button to confirm.
2. Press **▲** or **▼** button to select options, and then press **OK** button to confirm the setting.

Set Time/date:	Manually set-up both Time and Date
Auto update:	'Update from DAB', 'Update from FM', 'Update from Network' or 'No update'
Set format:	12 or 24 hour format
Set timezone:	Select a timezone (Only available when auto update from Network.)
Daylight saving:	Daylight saving settings (Only available when auto update from Network.)

3. Then setting time according to your personal preference.

Setting Language

This feature enables you to change menu language. There are thirteen languages available: English/German/Danish/Dutch/Finnish/French/Italian/Norwegian/Polish/Portuguese/Spanish/Swedish/Turkish.

1. Press **MENU** button - **Main menu** - **System settings** - **Language**, press **OK** button to confirm.
2. Press **▲** or **▼** button to select your language, and then press **OK** button to confirm.

Factory Reset

Doing a factory reset clears all user defined setting, replacing them with the original default values, so time/date, DAB station list and preset stations are all lost.

1. Press **MENU** button - **Main menu** - **System settings** - **Factory Reset**, press **OK** button to confirm.
2. Press **◀** or **▶** button to select 'YES', and then press **OK** button to confirm.

Software Update – Over the network

From time to time, your receiver may make software upgrades available with bug fixes and/or additional features.

If your receiver detects that newer software is available, it will ask if you want to go ahead with an update. If you agree, the new software is then downloaded and installed.

After a software upgrade, all user settings are maintained.

CAUTION

Before starting a software upgrade, ensure that your receiver is plugged into a stable mains power connection. Disconnecting power during a software update may permanently damage the unit.

1. Press **MENU** button - **Main menu** - **System settings** - **Software update**, press **OK** button to confirm.
2. Press **▲** or **▼** button to select 'Auto-check setting', your receiver will check periodically for new version software.
3. Press **▲** or **▼** button to select 'Check now', your receiver will now to check new version software and automatically upgrade the detected new version software.

Setup Wizard

When this unit is started for the first time, it runs through a setup wizard to configure settings for date/time and network. Once this has finished, the system is ready to use in most modes.

1. Press **MENU** button - **Main menu** - **System settings** - **Setup wizard**, press **OK** button to confirm.
2. Press **◀** or **▶** button to select 'YES', and then press **OK** button to confirm.

Viewing System Info

This information may be requested when dealing with technical support issues.

1. Press **MENU** button - **Main menu** - **System settings** - **Info**, press **OK** button to confirm.
2. Press **▲** or **▼** button to view 'SW version', 'Spotify version', 'Radio ID' and 'Friendly Name'.

Setting Backlight

1. Press **MENU** button - **Main menu** - **System settings** - **Backlight**, press **OK** button to confirm.
2. Press **▲** or **▼** button to select 'Power-on Level' or 'Standby Level', then press **OK** button to confirm.
3. Press **▲** or **▼** button to select backlight level, and then press **OK** button to confirm the setting.

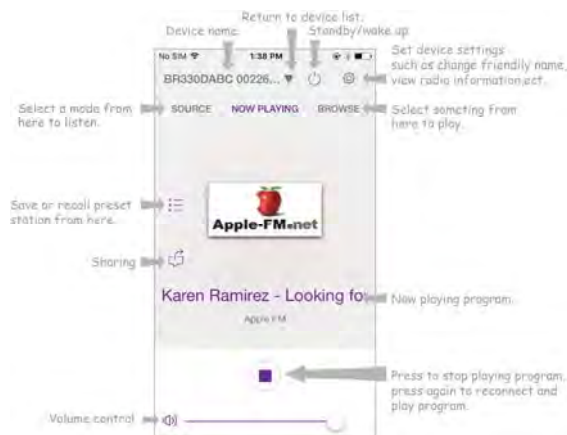
Power-on Level	• High • Medium • Low
Standby Level	• High • Medium • Low

Multi-room

Multi-room is a feature that enables you control your receiver (one or more) via UNDOK App for playback.

You can enjoy music by using your smartphone or tablet which has UNDOK App to respectively control the receivers (multi-room capable devices) in the kitchen, bedroom or living room. Of course you also can group control the receivers for playing.

1. To use multi-room feature, download **UNDOK**  app from **App Store** for your iOS smartphone or download from **Google Play** for your Android smartphone.
2. Start UNDOK app, making sure your receiver and smartphone are connected to same WiFi network.
3. All available devices will be listed. Tap your receiver 'BR330DABC xxxxxxxxxxxx' (the 12 digit alphanumeric code is the MAC address of your receiver) to connect to.
4. Now playing screen is shown. (Playing Internet radio mode for example.)



5. If you have more than one receiver (multi-room capable device), you can group them to play synchronously. Tap the ▼ 'Return to device list' icon.
6. Create group, tapping the edit icon  which is following device name on device list, and then 'Group Setup' screen will be shown. (Please refer to Figure 1 and 2.)
 - a. Tap the grey circle before device name which is under 'Sharing with' option on 'Group setup' screen and make it turn green to add the device to group. (Please refer to Figure 2.)
 - b. Tap 'Rename' under 'Group name' option on 'Group Setup' screen to enter a group name or select one usual name from the list, and then select 'Done' to create group. (Please refer to Figure 2 and 3.)

 **Note:** to dissolve the group, tap 'Delete group' to delete the group. (Please refer to Figure 2 and 7.)

 - c. Device list will appear again and the group will be shown with group name and the devices in the group. Tap on group name to select the group. (Please refer to Figure 4.)
 - d. All clients in the group will synchronously play the program which the server is playing. You can drag the volume control bar to change the master volume for all grouped devices. You also can tap on the volume control and then change volume for each device respectively. (Please refer to Figure 5 and 6.)

 **Note:** master device is which you selected from device list for editing group; client is the device you selected sharing with on “Group Setup” screen.

Figure 1

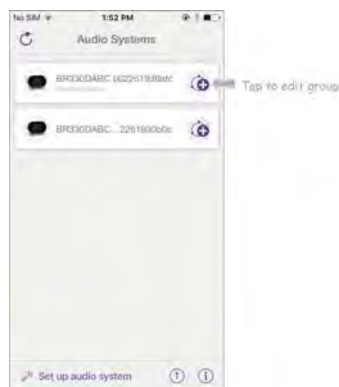


Figure 2

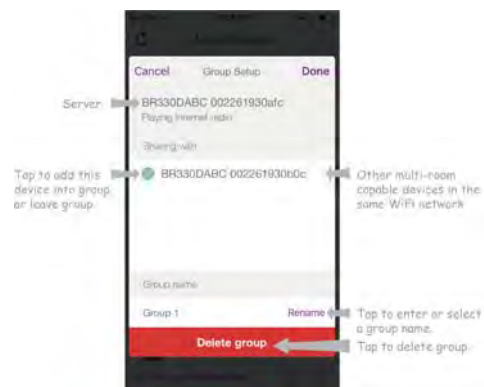


Figure 3



Figure 4



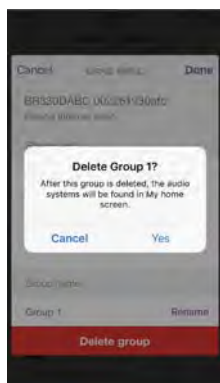
Figure 5



Figure 6



Figure 7



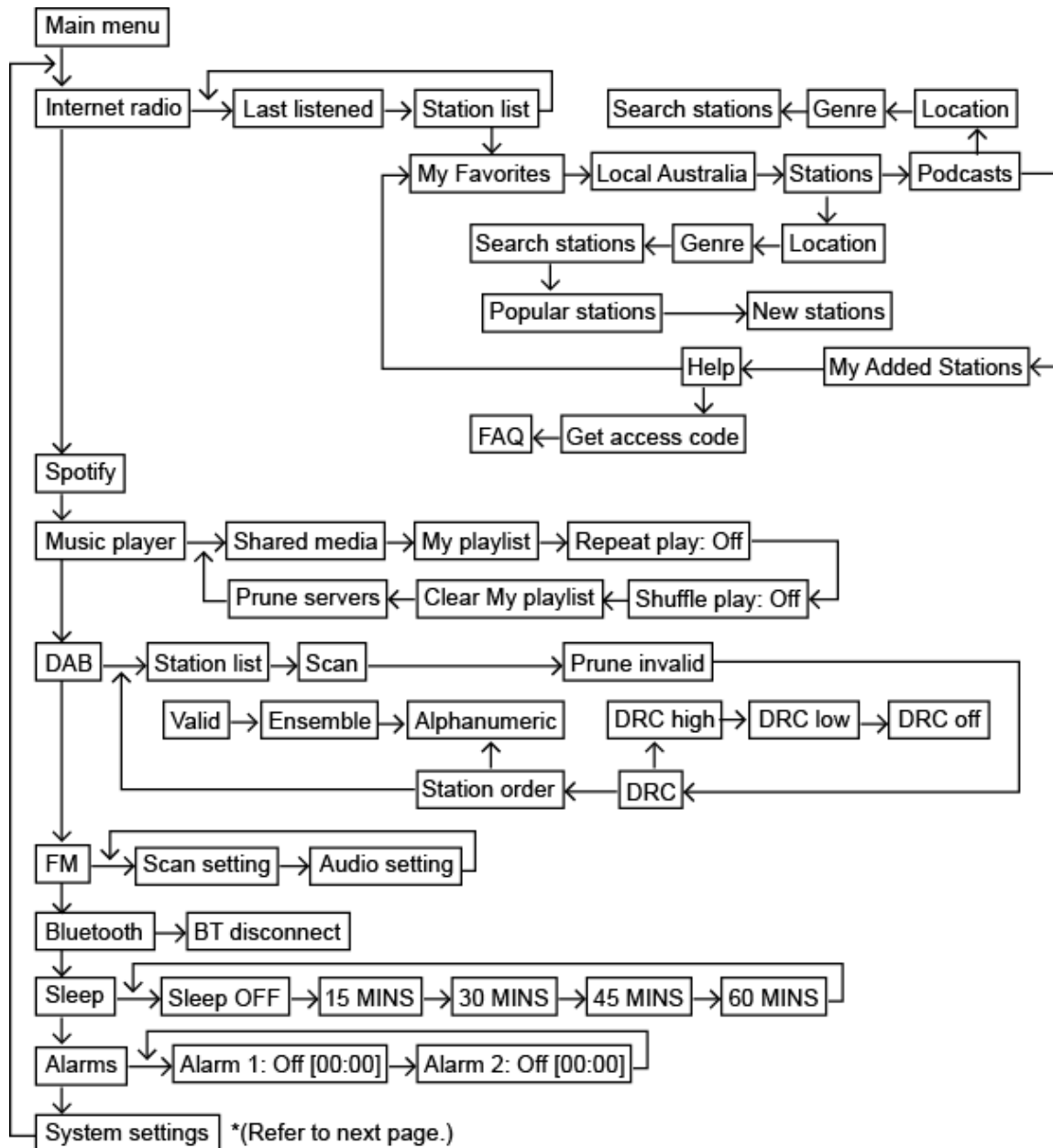
7. Alternatively, you can edit group through your receiver.
 - a. Press **MENU** button - **Main menu** - **System settings** - **Multi-room**, and then press **OK** button to confirm.
 - b. Press **▲** or **▼** button to select options, and then press **OK** button to confirm.

View details	View your receiver state (Ungrouped, Server or Client) and the group which it belong to.
Create new group	Create a new group that your receiver will be joined.
Add to group	Devices in current network will be listed. Select the device you desired to add to the group which your receiver belong to.
List current clients	Clients in the group which your receiver belong to will be listed. Select a client will remove it from group.
Leave group	Remove your receiver from group
Dissolve group	Dissolve the group which your receiver belong to.

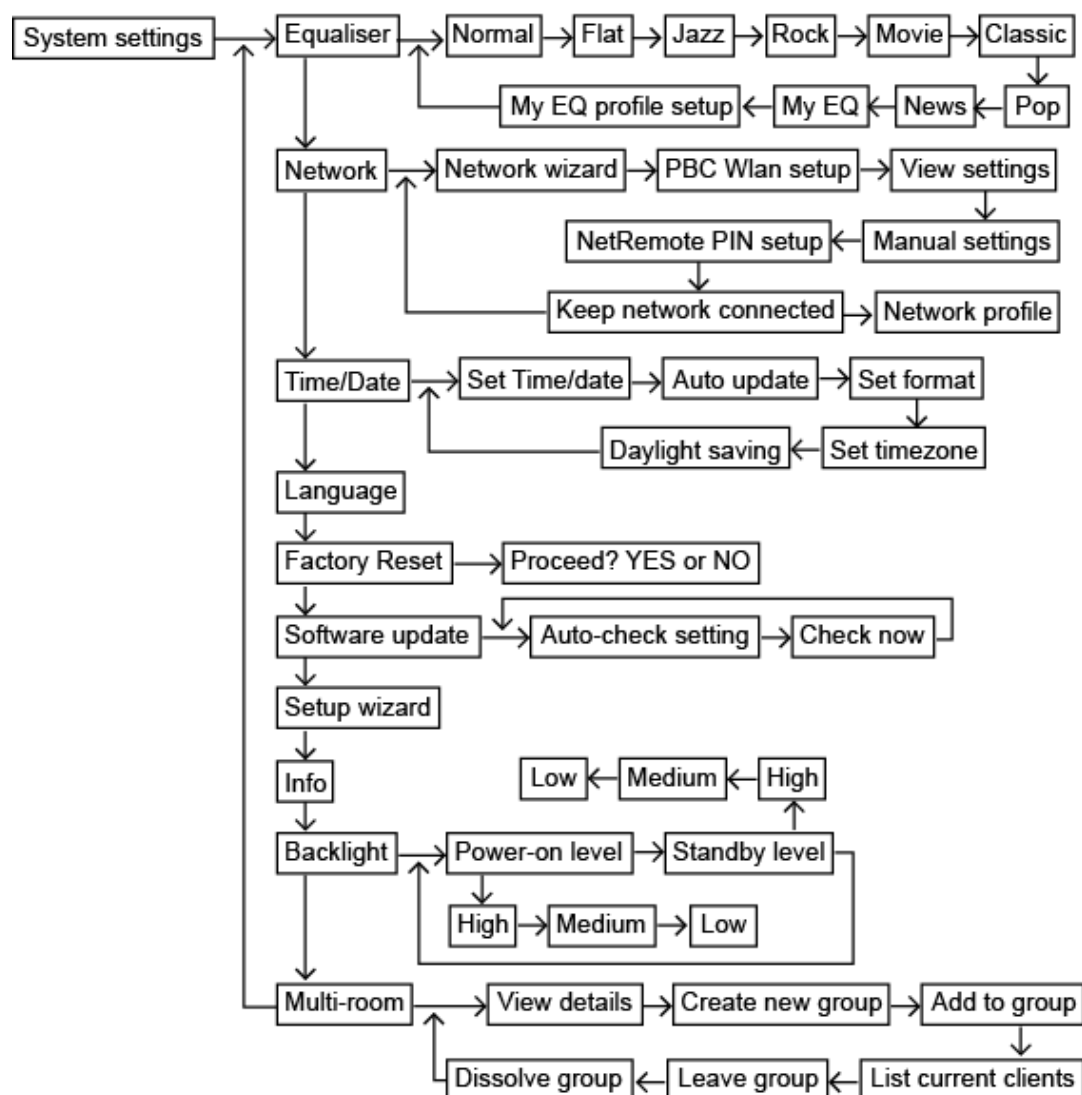
8. To ensure you can use UNDOK app when your receiver is in all modes especially in non-internet modes (i.e. in DAB, FM or Bluetooth mode) you need to select **Main menu** - **System settings** - **Network** - **Keep network connected** - **YES**. This also allows you to wake the receiver from standby using your UNDOK app.

 **Note:** If unattended to use receiver for long periods of time, e.g. overnight, while on holiday or while out of the house, select 'NO' to avoid unnecessary energy consumption. Your receiver cannot be found in the network and cannot be waked-up by using UNDOK app once you set 'Keep network connected' to 'NO'.

Menu Map



*Continue



Troubleshooting

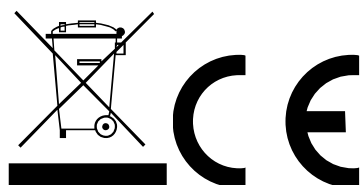
If a problem occurs, it may often be due to something very minor. The following table contains various tips.

Problem	Solution
No Power.	● Ensure the mains cable is properly connected. ● Make sure that the unit is turned on.
The unit does not respond when pressing any buttons.	● The unit may freeze up during use. Switch the unit off and then on again to reset it.
Poor radio reception.	● Make sure the antenna is fully extended. ● Electrical interference in your home can cause poor reception. Move the unit away from them (especially those with motors and transformers).
Desired station not found.	● Weak signal. Search manually.
I cannot find 'BR330DABC' on my Bluetooth device	● Ensure the Bluetooth function is activated on your Bluetooth device. ● Re-pair the unit with your Bluetooth device.
Cannot find 'BR330DABC' in UNDOK device list.	● Make sure your smartphone is connected to the same network as your receiver. ● Network issues, please try again later.

If any functional abnormality is encountered, unplug the unit from the mains socket and reconnect it again.

Specifications

Items	Specifications
Description:	Internet, DAB/DAB+ and FM Digital receiver with Bluetooth and Spotify Connect
Frequency Range:	FM: 87.5-108 MHz DAB/DAB+: 174.928-239.200 MHz
Power Requirements:	AC Input: 100-240V~, 50/60 Hz DC Output: 6V, 500mA
Power Consumption:	Operation: 3W (Max) Standby: <1 W
Dimension (W x D x H):	130mm x 42mm x 95mm



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. For more information, please contact the local authority or your retailer where you purchased the product.



For Customer Service and to
register your Warranty visit:

www.bushaustralia.com.au

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.