

Instruction Manual

DIGITRADIO 306 IR

DAB+ / FM / Internet Radio



TechniSat

SAFETY PRECAUTIONS

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

Safety

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



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



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 manual accompanying the unit.

Mains Adapter

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

Interference

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

Supervision

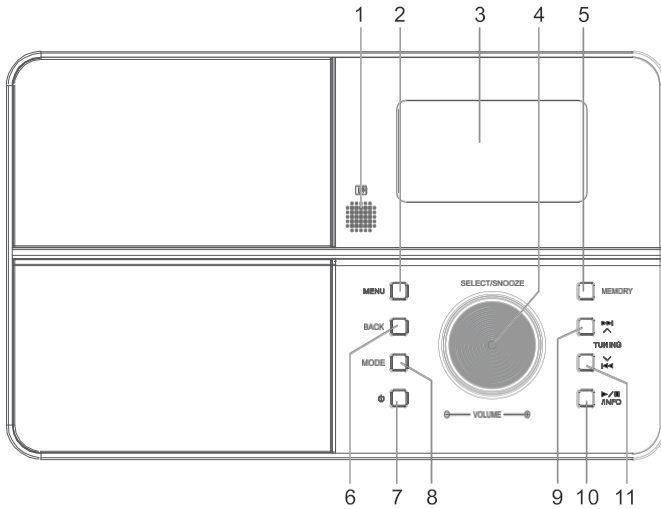
- Children should be supervised to ensure that they do not play with the unit.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

Service/Maintenance

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.
- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.

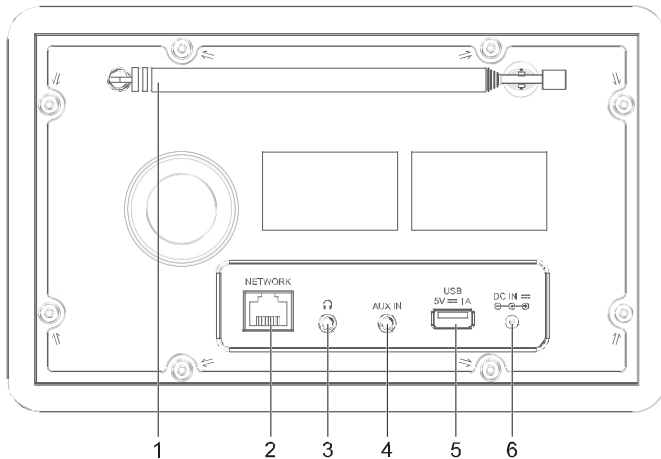
product overview

front view



- | | | |
|--|---------------------------------|--|
| 1. Remote Control Sensor | 5. MEMORY Button | 9. TUNING \wedge / \triangleright Button |
| 2. MENU Button | 6. BACK Button | 10. INFO / \triangleright / \leftarrow Button |
| 3. Display | 7. STANDBY ϕ Button | 11. TUNING ∇ / \triangleleft Button |
| 4. VOLUME +/- Dial
SELECT/SNOOZE Button | 8. MODE Button | |

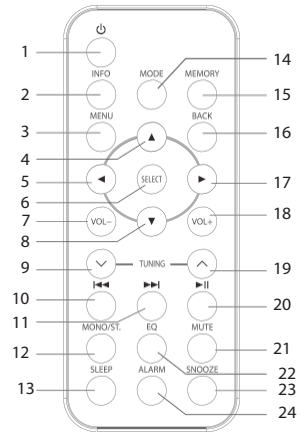
rear view



- | | | |
|-----------------|--------------------|------------------------------|
| 1. Antenna | 3. Headphone Jack | 5. USB 5V = 1A Charging Port |
| 2. NETWORK port | 4. AUDIO IN Socket | 6. DC Input Jack |

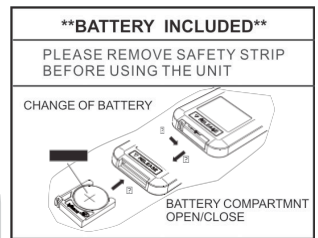
remote control

- 1. STANDBY ϕ Button
- 2. INFO Button
- 3. MENU Button
- 4. ▲ Button
- 5. ◀ Button
- 6. SELECT Button
- 7. VOLUME – Button
- 8. ▼ Button
- 9. TUNING ∨ Button
- 10. ◀▶ Button
- 11. ▶▶ Button
- 12. MONO/ST. Button
- 13. SLEEP Button
- 14. MODE Button
- 15. MEMORY Button
- 16. BACK Button
- 17. ▶ Button
- 18. VOLUME + Button
- 19. TUNING ^ Button
- 20. ▶/■ Button
- 21. MUTE Button
- 22. EQ Button
- 23. SNOOZE Button
- 24. ALARM Button



battery replacement for the remote control

Press down on the compartment cover, and slide the cover off to open the compartment. Place the CR2025 battery in the remote control according to polarity markings (“+” and “-”) inside the compartment and on the battery. Place the cover into the compartment, press down lightly, and push it inside until it snaps on.

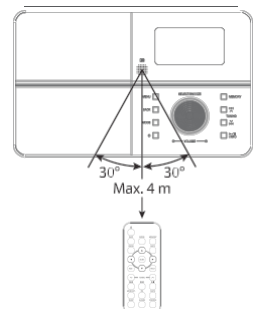


Handling the Battery

- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Only use the battery type indicated in this manual.
- Do not dispose of the used battery as domestic waste. Dispose of it in accordance with local regulations.
- Remove the battery from the remote control when not in use for a long period of time, as corrosion or battery leakage may occur and result in physical injury, and/or property damage, and/or fire.

remote control operation range

- The remote control sensor on the front unit is sensitive to the remote control's commands up to a maximum of 4 metres away and within a maximum of 60° arc.
- Please note that the operating distance may vary depending on the brightness of the room.



Connecting to the Mains Supply

- Unwind the mains adapter cable to its full length. Connect the mains adapter to the mains socket. The unit is now connected and ready to use.



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

Network Connection

Wired network

1. Check first of all whether the control lamps (LINK/ACT) of your LAN connection or your router light up.
2. Connect the **NETWORK** socket on the unit to the corresponding port on your Router using a commercially available LAN or Ethernet cable (CAT5 or better with RJ45 connector).
3. Proceed with the operations described in the below **"GETTING STARTED"**. It is not necessary to run through the setup wizard.
4. Using a wired network provides a better performance than a wireless connection because the attached devices connect directly to the network and are not subject to radio frequency interference.

Wireless network

1. Check first of all whether the control lamps (LINK/ACT) of your LAN connection or your router light up.
2. Proceed with the operations described in the below **"GETTING STARTED"**. It is highly recommended to run through the setup wizard in the System Settings section.





This unit cannot be connected to a standalone modem directly. A router or a modem incorporated with a router has to be used.

Since there are various connection configurations, please follow the specifications and instructions of your telecommunication carrier, Internet service provider, and router setting guidebook.

GETTING STARTED

Powering ON/OFF

When you first connect the unit to the mains socket, the unit will be in **STANDBY** mode after showing **"Welcome to Internet Radio STARTING...."** (F.1)(F.2)

1. Press the **Standby**  button on the unit or remote control to switch the unit on.
2. Press the **Standby**  button on the unit or remote control to switch the unit back to standby on mode.

(F.1)



(F.2)



Selecting Modes

Press the **MODE** button repeatedly on the unit or remote control to switch between Music player, DAB radio, FM radio, AUX In, Internet radio and Spotify Connect modes.



When the unit is idle for approximately 15 minutes, it will automatically switch to standby. To switch the unit off completely, remove the mains plug from the main socket. Please turn the unit off completely to save energy when not in use.

Adjusting the Volume

- Turn the **VOLUME +/-** dial on the unit or press the **VOL +/-** buttons on the remote control to adjust the volume.
- If you wish to turn the sound off, press the **MUTE** button on the remote control. Press the **MUTE** button again or press the **VOL +/-** buttons on the remote control or turn the **VOLUME +/-** dial to resume normal listening.

Navigating the Menu

1. Press the **MENU** button on the unit or press the **MENU** button on the remote control to access the menu.
2. Turn the **Volume +/-** dial on the unit or press the **▲ / ▼** buttons on the remote to select your choice.
3. Press the **SELECT/SNOOZE** button on the unit or press the **SELECT** button on the remote control to confirm your selection.



This instruction manual explains the basic instruction for operating this unit. Unless otherwise stated, all operations described are based on remote control use.

System Settings

Press the **MENU** button to display the menu, press the **▲ / ▼** buttons to select **Main menu** and then press the **SELECT** button to confirm. Press the **▲ / ▼** buttons to select **System settings** and then press the **SELECT** button to confirm.

Equaliser

This system supports a variety of equalizers and sound effects.

- Press the **EQ** button to access Equaliser menu

Alternatively,

- During System settings mode, press the **▲ / ▼** buttons to select **Equaliser** and then press the **SELECT** button to confirm.
1. The display will show : **FLAT > CLASSIC > ROCK > POP > JAZZ**
 2. Press the **▲ / ▼** buttons to select and then press the **SELECT** button to confirm.

Network

1. During **System Settings** mode, press the **▲ / ▼** buttons to select **Network** and press the **SELECT** button to confirm.
2. Press the **▲ / ▼** buttons to select from the following settings, and then press the **SELECT** button to confirm.

Network wizard	SSID – select the desire wireless network. Rescan – Scan for available networks. Wired – select wired network. Manual config – select wired/wireless network with DHCP enable/disable.
PBC Wlan setup	Select PBC on the unit and press the PBC button on the modem device that you wish to connect with. Press the ENTER button to continue.
View settings	Display the setting on the unit.
Wlan region	Select a country of your choice.
Manual settings	Select wired/wireless network with DHCP enable/disable.
NetRemote PIN Setup	To define a PIN number to be entered before being able to connect to the unit remotely over a network
Network profile	View the connected network.
Clear network settings	To delete the connected network memory in Network profile.
Keep network connected	To define whether remains connected to its network in Standby mode and when not in Network radio mode. This is necessary for remote operation and audio streaming in Music Player mode.

3. Press the **BACK** button on the unit or on the remote control to cancel the setting and return back to the previous menu.

Time/Date

The Time/Date can be automatically set once it has been connected to the Internet, DAB+ or FM radio station with time/date information. You may also adjust the Time/Date manually

- During **System settings** mode, press the **▲ / ▼** buttons to select **Time/Date** and press the **SELECT** button to confirm. Press the **▲ / ▼** buttons to select **Set Time/Date** and press the **SELECT** button to confirm.

1. The date digits will flash on the display.
2. Press the **▲ / ▼** buttons to adjust the day and then press the **SELECT** button to confirm.
3. Repeat above Step (2) to set the Month/Year/Hour/Minute.
4. The date and time settings are now complete.

For the other settings under Time/Date, press the **▲ / ▼** buttons to select from the following options and then press the **SELECT** button to confirm.

Auto update	Update from DAB / FM / Network.
Set format	12 / 24 hour format.
Set timezone	Select a time zone. (Only available when Auto update from Network is on.)
Daylight savings	Select daylight savings. (Only available when Auto update from Network is on.)



The default auto time update setting is "Update from Network". If you would like to manually set the time, it is recommended to turn the Auto update function off.

Language

1. During **System settings** mode, press the ▲ / ▼ buttons to select **Language** and then press the **SELECT** button to confirm.
2. Press the ▲ / ▼ buttons to change the display language of your choice.
3. Press the **SELECT** button to confirm.

Factory Reset

There may be times when you need to reset your unit back to the factory settings especially when you have moved house. If you experience reception problems you may want to reset and try again. If you move to another part of the country and pick up the local and national DAB+ stations in that area, your previously tuned channels may no longer be available.

1. During System settings mode, press the ▲ / ▼ buttons to select “**Factory reset**”, and press the **SELECT** button to confirm.
2. Press the ▲ / ▼ buttons to select **Yes**, and press the **SELECT** button to confirm or select **No** to cancel.



After the system reset, all the tuned stations, DAB & FM preset stations will be erased.

Software update

1. During **System settings** mode, press the ▲ / ▼ buttons to select **Software update** and then press the **SELECT** button to confirm.
2. Press the ▲ / ▼ buttons to select **Auto-check setting** or **Check now**, and then press the **SELECT** button to confirm.



Before downloading software, ensure that the radio is plugged into a stable mains power connection. Interrupting the mains supply during software download can lead to functional disturbances and/or damage to the unit!

Setup wizard

The setup wizard is available in the system settings section; you can run through this to configure settings for date/time and network. Once this has finished, your radio is ready to use.



It is not necessary to run through the setup wizard if a wired network is being used.

Info

1. During **System settings** mode, press the ▲ / ▼ buttons to select **Info** and then press the **SELECT** button to confirm.
2. The software version and Radio ID will show on the display.

Backlight

1. During **System settings** mode, press the ▲ / ▼ buttons to select **Backlight** and then press the **SELECT** button to confirm.
2. For the other settings under **Backlight**, press the ▲ / ▼ buttons to select the following options and then press the **SELECT** button to confirm.

Timeout	On / 10 sec / 20 sec / 30 sec / 45 sec / 60 sec / 90 sec / 120 sec / 180 sec
On level	High / Medium / Low

Multi-room

The device can form part of a Multi-room group. The group can be controlled over a Wi-Fi network with **UNDOK** app running on a smart device or using the device's **Multi-room** menu. For Multi-room, several devices can be set up as a group with a device acting as the server and other devices acting as clients.

Set up Multi-room group

- Multi-room groups can be created and edited directly from **UNDOK** app.
- Alternatively,
- Select **Main menu > System Settings > Multi-room** for the available Multi-room controls.

From the **Multi-room** menu, the following options are available to allow maintenance of groups:

View details	Displays Multi-room details for the device including the name of group and whether it is a server or client within the group.
Create new group	Allows you to create and name a new speaker group.
Add to group	Enables you to add available speaker units to the current group to which the device belongs.
List current clients	If this unit is acting as the Server for a group, this option lists the client units in the group.
Leave group	Allows you to remove the unit from its current group.
Dissolve group	Enables the dissolution of the current group to which the unit belongs. All units within the group then act as individual speakers available to be added to other groups.



For Multi-room operation, the unit will only compatible with same model and software version of other unit.

Internet Radio

This radio can play thousands of radio stations and podcasts from all over the world via a broadband internet connection. When Internet Radio mode is selected, the radio connects with the Frontier Silicon Internet radio portal to download a list of stations. Once a station is selected, the radio will connect directly to that station.

(F.3)

Press the **MODE** button repeatedly to select internet radio mode. (F.3)

During Internet Radio mode, press the **MENU** button on the remote control to access the menu. You can choose between: **Last listened, Station list, System settings and Main menu.**



Press the **▲ / ▼** buttons to select and press the **SELECT** button to confirm.

Last listened

1. Press the **▲ / ▼** buttons to select the history of stations that you have listened to before.
2. Press the **SELECT** button to confirm.

Station list

Press the **▲ / ▼** buttons to select from the following options, and then press the **SELECT** button to confirm.

My Favourites	<ul style="list-style-type: none"> • Favourites are stored in the Internet radio portal and are available to all Internet radios that are registered with the same account. You must register the radio in the Internet radio portal before making use of the favourites. • To register your radio with the portal (www.wifiradio-frontier.com). To obtain an account by entering: Access code, Email address, password and Wi-Fi radio model (Radio ID). Access code can be found from "Station list > Help > Get access code". Radio ID can be found from ""System settings > Info > Radio ID" • To store a favourite station, press and hold the SELECT button until the display shows "Favourite added". The station will then be saved in the list of favourites.
Local "Country"	You can search specifically for stations from your country. Within this scope, you can further limit your search according to genres, or display all station
Stations	<ul style="list-style-type: none"> • Select stations from various categories in the menu: Location, Genre, Popular Stations, New Stations. • You can also search stations using various keywords. • The name and a description of your selected station will show on the display. • Press the INFO button repeatedly to view further information for the station. Information displayed cycles through name/description, genre/location, reliability, bitrate/codec/sampling rate, playback buffer and current date.
Podcasts	<ul style="list-style-type: none"> • Select podcasts from the categories in the Podcast menu: Location, Genre. • You can also select a particular episode by entering keywords to search podcasts.
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). These added stations are accessible by selecting "Station list > My added stations > [Station]"
Help	Select Get access code to obtain the code in order to register the radio with the portal (www.wifiradio-frontier.com), or to add this radio to an existing account.

Preset Stations

The preset Internet radio stations are stored in the radio and cannot be accessed from other radios.

1. To store an Internet radio preset, press and hold the **PRESET** button until the display shows the "**Save to Preset**".
2. Select one of the 10 presets to store the current station by press the ▲ / ▼ buttons to select the number and press the **SELECT** button to confirm.

Recalling a Stored Station

1. To select a preset, press the **PRESET** button, and then press the ▲ / ▼ buttons to select one of the listed preset stations.
2. Press the **SELECT** button to confirm the selection.



Operation of Preset and Recall stations are same for **Internet Radio, DAB** and **FM**.

Spotify

Using This Device With Spotify Connect

A better way to listen at home

Spotify lets you listen to millions of songs – the artists you love, the latest hits and discoveries just for you. You'll need a Spotify Premium account to use Spotify Connect. If you don't have it, just go to <http://www.spotify.com/freetrial> for your free trial.

If you are a Spotify user, you can control this device using your Spotify app.

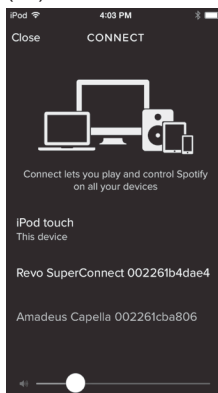
- Step 1.** Connect your device to the same wifi network as your phone, tablet or PC running the Spotify app.
- Step 2.** Press the **MODE** button repeatedly to select "**Spotify Connect**".
- Step 3.** Open the Spotify app, and play any song.
- Step 4.** Tap the song image in the bottom left of the screen.
- Step 5.** Tap the Connect icon
- Step 6.** Pick your device from the list. (F.4)

For information on how to set up and use Spotify Connect please visit www.spotify.com/connect

Licenses

The Spotify Software is subject to third party licenses found here: www.spotify.com/connect/third-party-licenses

(F.4)



NetRemote

The device gives a feature of NetRemote by smartphone or tablet in iOS or Android system. By downloading the app named **UNDOK**, you can view all the modes of **Internet radio, Spotify, Music player, DAB, FM** and **AUX in**. And select the mode on your smartphone or tablet.

Before using the **UNDOK** app, make sure the device and the smartphone or tablet are in the same WiFi network. Launch the app. The app initializes and scans for the device in the network. Tap the device to make the NetRemote connection.

When it is the first time that you connect the device to Internet Radio, the app may ask you to enter the PIN. Default PIN is **1234**. For details of changing the PIN for security, please refer to **System Settings** section: **Network - NetRemote PIN Setup**.



- Once the smartphone or tablet has already accessed the device, they will automatically connect on next time when you open the app again.
- Be aware that if another smartphone or tablet with the app in the same network has access with the device; the original connection will be cut off.

Music Player Operation



This function is for more advanced users.

The built-in Music Player allows you to play unprotected audio files (AAC, MP3, WMA, FLAC) stored on a networked computer. To play music from the computer, you must setup a shared file or media library on the computer. Press the **MODE** button repeatedly to select **Music Player** mode.

Media Sharing

Please ensure that your computer is available on the network, and that your computer is set up to allow sharing your media folders or files. Check how to setup a folder for sharing from your computer's instruction manual.

1. During **Music Player** mode, press the **▲ / ▼** buttons to select **Shared media** and press the **SELECT** button to scan for all the available shared media folders or files.
2. The display will show all found media folders from the network. Press the **▲ / ▼** buttons to select the computer that you wish to connect to.
3. The unit will search for all shared media from the computer.
4. Press the **▲ / ▼** buttons and select your desired shared media, and then press the **SELECT** button.
5. This unit cannot access your computer, until your computer allows it to.
6. Press the **SELECT** button to start playback of the desired track.

Button	Function
▶/	Press to pause playback or resume normal playback.
◀◀	Press to skip to the previous track. Press and hold to fast rewind the current track.
▶▶	Press to skip to the next track. Press and hold to fast forward the current track.

Repeat Mode

During **Music Player** mode, press the **▲ / ▼** buttons to select **Repeat play** and press the **SELECT** button repeatedly to turn repeat play on/off.

Shuffle Mode

During **Music Player** mode, press the ▲ / ▼ buttons to select **Shuffle play** and press the **SELECT** button repeatedly to turn shuffle play on/off.

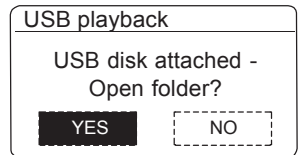
Prune servers

1. During **Music Player** mode, press the ▲ / ▼ buttons to select **Prune servers** and press the **SELECT** button to confirm.
2. Press the ▲ / ▼ buttons to select **YES** to remove servers that are no longer available. Press the **SELECT** button to confirm. Or select **NO** to cancel.

USB Operation

- When a USB device is connected to the unit, the display shows “USB disk attached – Open folder?” (F.5), and then press the **SELECT** button to confirm **YES**.

(F.5)



Alternatively,

- During **Music Player** mode, press the ▲ / ▼ buttons to select **USB playback** and press the **SELECT** button to confirm.
1. Press the ▲ / ▼ buttons to select and press the **SELECT** button to confirm a MP3/WMA file.

Button	Function
▶	Press to pause playback or resume normal playback
◀◀	Press to skip to the previous track. Press and hold to fast rewind the current track.
▶▶	Press to skip to the next track. Press and hold to fast forward the current track.



The unit can only play MP3 and WMA file formats in USB operation.
This unit supports USB version 1.1 and 2.0.
The unit can support USB devices with up to 32GB of memory.
The unit may not be compatible with all USB devices; this is not an indication of a problem with the unit.

Repeat Playback

During **Music Player** mode, press the ▲ / ▼ buttons to select **Repeat play** and press the **SELECT** button repeatedly to turn repeat play on/off.

Charge Your Device

You can charge your device through the USB socket on this unit with a USB cable (not supplied).



- The maximum current for USB charging is 1A.
- All devices for USB charging are not guaranteed.
- The USB charging is only active during power **ON** mode, it is not supported when unit is at **STANDBY** mode.

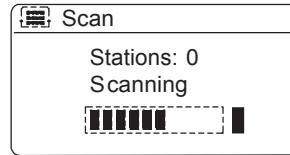
DAB Operation

Press the **MODE** button repeatedly to select "**DAB radio**". (F.6) The unit will enter **DAB** mode and perform the auto scan function. During the scan the display will show "**Scanning...**" together with a slide bar that indicates the progress of the scan and the amount of stations that have been found so far. (F.7) Once the scan has finished, the unit will select the first alpha numerically found station. To explore the found stations, press the **▲/▼** buttons to select and press the **SELECT** button to confirm.

(F.6)



(F.7)



Station List

1. During **DAB** mode, press the **MENU** button to access **DAB** menu.
2. Press the **▲/▼** buttons to select "**Station List**" and then press the **SELECT** button to confirm.
3. A list of DAB+ stations will show on the display.

Auto Scan

- Press the **MENU** button, and then press the **▲/▼** buttons to select **Scan**. Press the **SELECT** button to confirm.
1. The display will show "**Scanning...**" and a progress slide bar.
 2. All the stations that have been found will be stored automatically. To explore and listen to the found stations, press the **▲/▼** buttons to select and the press the **SELECT** button to confirm.

Manual Tuning

As well as the auto tune function, you can manually tune the receiver. This can help you when aligning your aerial or when adding stations that were missed while auto tuning.

1. Press **MENU** on the remote control to display the menu.
2. Press the **▲/▼** buttons to select "**Manual tune**", and press the **SELECT** button to confirm.
3. The display will show the multiplex 5A to 13F.
4. Press the **▲/▼** buttons to select the channel, and press the **SELECT** button to confirm.

DAB Display Modes

Every time you press the **INFO** button on the remote control or press and hold the **INFO** button on the unit, the display will show the following display modes: **DLS – Programme Type – Ensemble/Frequency – Signal error/Strength – Bit rate/Codec/Channels – Date**

Prune Invalid

You may remove all unavailable stations from the list.

1. During **DAB** mode, press the **MENU** button and press the **▲/▼** buttons to select **Prune invalid** and the press **SELECT** button to confirm.
2. Press the **▲/▼** buttons to select **YES** and press the **SELECT** button to confirm. Or select **NO** to cancel.

DRC (Dynamic Range Compression)

If you are listening to music with high dynamic range in a noisy environment, you may wish to

compress the audio dynamic range.

1. During **DAB** mode, press the **MENU** button and press the **▲ / ▼** buttons to select **DRC** and press the **SELECT** button to confirm.
2. Press the **▲ / ▼** buttons to select **DRC high/low/off** and press the **SELECT** button to confirm the setting.

Station Order

You may wish to arrange the station listing order.

1. During **DAB** mode, press the **MENU** button and press the **▲ / ▼** buttons to select **Station Order** and press the **SELECT** button to confirm.
2. Press the **▲ / ▼** buttons to select **Alphanumeric/Ensemble/Valid** order and press the **SELECT** button to confirm the setting.

FM Operation

Switching from DAB to FM Mode

To switch the unit to **FM** mode, press the **MODE** button repeatedly to switch to **FM** mode.(F.8) The display will show the frequency.

(F.8)



Auto Scan

- Press and hold the **TUNING** **^** **v** buttons to start searching for a station.



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

Manual Tuning

To search for **FM** stations manually, press the **TUNING** **^** **v** buttons repeatedly until your desired frequency is reached.



With FM radio, it may be necessary to fine tune each station by pressing the **TUNING** buttons repeatedly. Each press will adjust the frequency by 0.05 MHz. If reception is still poor, adjust the position of the aerial or try moving the radio to another location.

Scan Setting

1. Press the **MENU** button to access **FM** menu.
2. Press the **▲ / ▼** buttons to select **Scan setting** and then press the **SELECT** button to confirm.
3. Press the **▲ / ▼** buttons to select **Yes** to receive **Strong stations** only and then press the **SELECT** button to confirm.

Audio Setting

1. Press the **MONO/ST.** button on the remote control to toggle between the Stereo or Mono selection. Alternatively,
 1. Press the **MENU** button to access the main menu.
 2. Press the **▲ / ▼** buttons to select **Audio setting** and press the **SELECT** button to confirm.
 3. Press the **▲ / ▼** buttons to select **YES** to listen in Mono only or **NO** to let the unit select Stereo or Mono automatically.
 4. Press the **SELECT** button to confirm.

AUX operation

There is an "AUDIO IN" socket located at the back of the unit. Analogue audio sound signals from other sources can be input to the unit through this socket.

1. Connect the input to another audio device via an AUX cable (not included) with an "AUDIO IN" socket.
2. Press the **MODE** button repeatedly to select AUX in mode.
3. Turn the **VOLUME +/-** dial on the unit or press the **VOL +/-** buttons on the remote control to adjust the volume control for your desired sound output level.
4. In AUX mode, operate your audio device directly for playback features.



When connecting the external audio device, refer to the owner's manual of the external device.

Sleep Setting

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

1. To activate the sleep function, press the **SLEEP** button repeatedly. The time will change in the below sequence on every press:

→ **Sleep OFF** → **15MINS** → **30MINS** → **45MINS** → **60MINS** →

2. When your desired sleep time appears in the display, stop pressing the button and the sleep function will be activated in two seconds. "⌚" will show on the display. Also the time remaining until switch off is displayed next to the symbol in the display.
3. When the sleep timer counts down to zero, the unit will turn to standby mode. To turn the sleep function off while the sleep timer is still counting down, press the **SLEEP** button repeatedly to select "SLEEP OFF". "⌚" will disappear from the display.
4. Press the **SLEEP** button once to show the sleep timer status on the display when it is turned on.



Alternatively,

1. Press the **MENU** button on the remote control to display the function main menu. Press the **▲** / **▼** buttons to select Main menu, and then press the **SELECT** button to confirm.
2. Press the **▲** / **▼** buttons to select Sleep mode, and then press the **SELECT** button to confirm.
3. Press the **▲** / **▼** buttons to select sleep timer, and then press the **SELECT** button to confirm.

Setting the Alarm

1. Press the **ALARM** button on the remote control, the display shows "Alarm (1 or 2): Off [hh:mm]".
2. Press the **▲** / **▼** buttons to select the Alarm number (1 or 2) and then press the **SELECT** button to start the setting of the following parameters.

For the following setting, press the ▲ / ▼ buttons to select then press the **SELECT** button to confirm.

Enable	Off/ Daily/ Once/ Weekends/ Weekdays
Time	(Alarm On time)
Mode	Buzzer/ Internet radio/ DAB/ FM
Preset	Last Listened/ (Preset station)
Volume	Muted, 1-31
Save	Save and confirm the alarm setting

Finally, select “Save” and press the **SELECT** button to save the alarm setting. When the alarm is set, the alarm icon will appear on the display during standby mode.

To turn off the alarm when it sounds, press the **STANDBY**  or **ALARM** button.

During Standby mode, press the **ALARM** button repeatedly to turn the saved Alarm on/off.

Cancelling the Alarm

1. Press the **ALARM** button on the remote control, the display shows “Alarm (1 or 2): On [hh:mm]”.
2. Press the ▲ / ▼ buttons to select the Alarm number (1 or 2) and then press **SELECT** to start the setting of the timer.
3. Press the ▲ / ▼ buttons to select “Enable” then press the **SELECT** button to confirm.
4. Press the ▲ / ▼ buttons to select “Off” then press the **SELECT** button to confirm.
5. Finally, select “Save” and press the **SELECT** button to save the setting.



If no button is pressed within approx. 15 seconds, the unit exits timer setting mode automatically.

Headphone Jack

A 3.5mm type stereo headphone jack is located at the back of the unit. Connect a set of stereo headphones (not included) to this jack for private listening without disturbing others. The speakers are automatically disconnected when the headphones are in use.



When using headphones always set the volume to a low level before you put the headphones on. Then insert the headphones and gradually increase the volume to a comfortable listening level.



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

Specifications

Power Supply	AC 100-240V~ 50/60Hz 0.5A
Adaptor output	DC 9V \approx 1.6A
Power consumption	14.5W
Audio output	5W RMS
USB Power	5V \approx 1000mA
Frequency Range	DAB 174 – 240 MHz FM 87.5 – 108 MHz
Unit Dimension	221 mm (W) x 159 mm (D) x 137 mm (H)
Unit Net Weight	~ 1.3 kg

SPECIFICATION SUBJECT TO CHANGE WITHOUT FURTHER NOTICE.