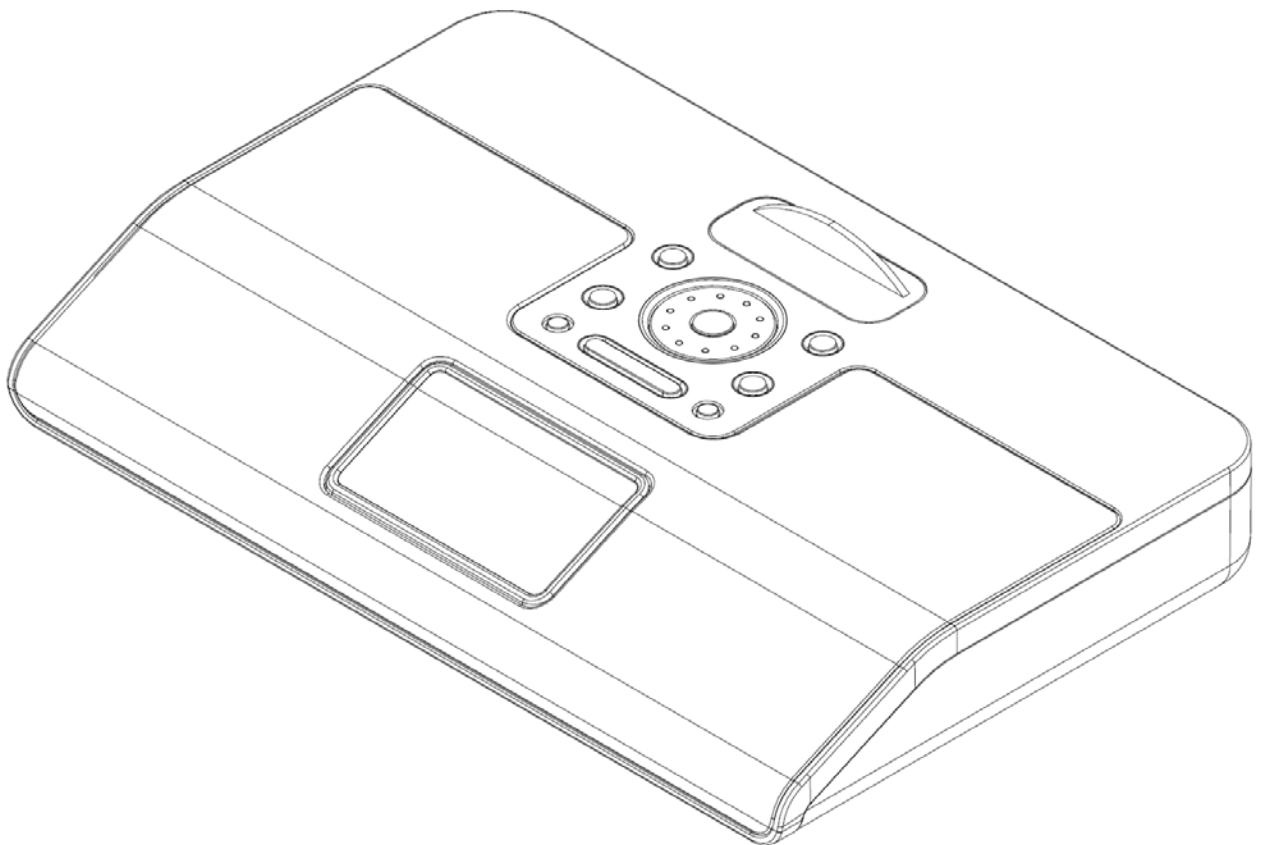


TEAC

Instruction Manual

R-4int

FM INTERNET Radio with Docking for iPod®



Safety Information



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 product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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

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

IMPORTANT SAFETY INSTRUCTIONS

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

1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the apparatus immediately afterwards with a clean cloth. Do not use abrasive clothes, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.
7. Do not block any ventilation openings. The ventilation shall not be impeded by covering the ventilation openings with items, such as newspapers, table clothes, curtains, etc.
8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. If the power cord is damaged, it must be repaired by a qualified repairer.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



PORTABLE CART WARNING

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
16. The mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
17. Please read Rating Labels at the bottom of the Sender and Receiver for power input and other safety information.

FCC Information

FCC part 15.19

This device complies with Part 15 of the FCC Rules, Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC part 15.21

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC part 15.105

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to connect the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

This device complies with Part 15 of the FCC Rules, Operation is subject to the condition that this device not cause harmful interference.

Safety Precautions

To achieve the utmost in enjoyment and performance, and in order to become familiar with its features, please read this manual carefully before attempting to operate the unit, this will assure you years of faithful, trouble free performance and listening pleasure.

Important Notes

- This safety and operating instruction should be retained for future reference.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Avoid installing the unit in locations described below:
 - Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
 - On top of other stereo equipment that radiate too much heat.
 - Places blocking ventilation or dusty places.
 - Places subject to constant vibration.
 - Humid or moist places.
- No naked flame sources such as lighted candles should be placed on or near the unit;
- The use of apparatus in moderate climates.
- Operate turning controls and switches as instructed in the manual.
- Before turning on the power for the first time, make sure the power cord is properly installed.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personnel.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personnel.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



DANGEROUS VOLTAGE

Dangerous Voltages, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.



ATTENTION

The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING: TO BACKENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

NOTE: 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.

Safety Instructions

Some Do's And Don'ts On the Safe Use Of Equipment

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

Do ensure that the main plug shall remain readily operable.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.

Do ensure a minimum distance of 5 cm around the apparatus for sufficient ventilation, and ensure that the ventilation is not impeded by covering the ventilation openings with items such as newspapers, table-clothes, curtains, etc.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DON'T exposed to excessive heat such as sunshine, fire or the like.

DON'T remove any fixed cover as this may expose dangerous voltages.

Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing, excessive sound pressure from earphones and headphones can cause hearing loss.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about if it's working normally or if it's damaged in any way. Switch it off and withdraw the mains plug and consult your dealer.

ESD Remark: In case of malfunction due to electrostatic discharge just reset the product (reconnection of power source may be required) to resume normal operation.

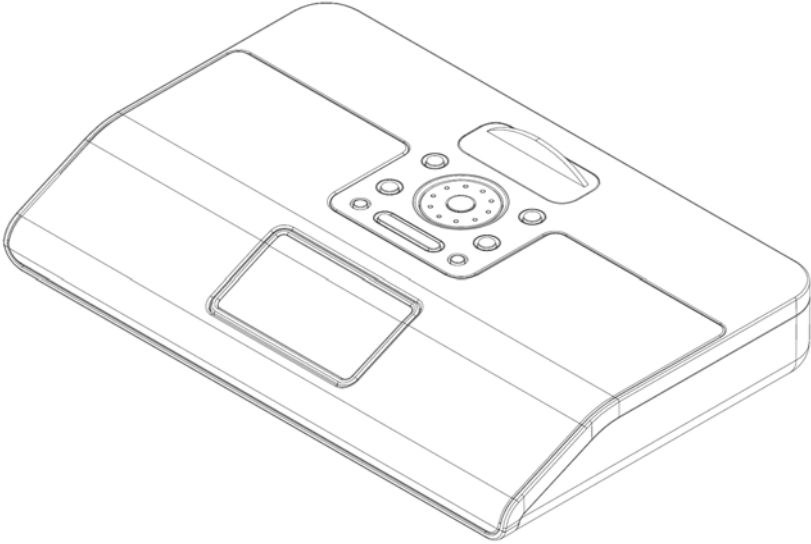
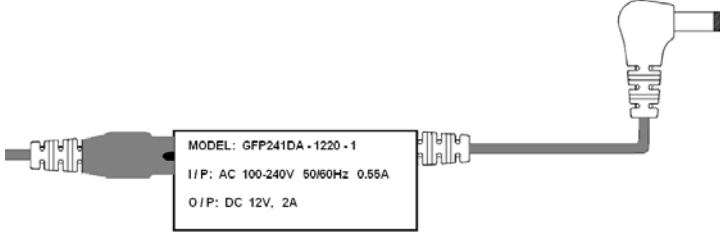

CAUTION: Take attention to the environmental aspects of battery disposal, and ensure use the apparatus only in moderate climates (not in tropical climates).

NOTE: Do not open any covers and do not repair yourself. Qualified personnel must carry out repair work.

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Package Content

<p>Main unit</p>	 A line drawing of the main unit, a rectangular device with a control panel on top featuring a circular dial, several buttons, and a small display screen. A docking port is visible on the front edge.
<p>adapter</p>	 A power adapter with a standard AC power cord on the left and a DC output cable on the right. The DC cable has a connector with a central pin and a ground ring. The adapter's label reads: <p>MODEL: GFP241DA - 1220 - 1 I/P: AC 100-240V 50/60Hz 0.55A O/P: DC 12V, 2A</p>
<p>Instruction Manual</p>	 The cover of the instruction manual, featuring the TEAC logo at the top. Below the logo, it says "Instruction Manual R-4DNT" and "DAB/ FM/INTERNET Radio with Docking for iPod®". A line drawing of the main unit is shown at the bottom of the cover.

Internet Radio Quick start Guide

What you need before you can use your Internet Radio

☺ **Thanks for your buying! Before you use it, you need to know followings:**

LAN Setting:

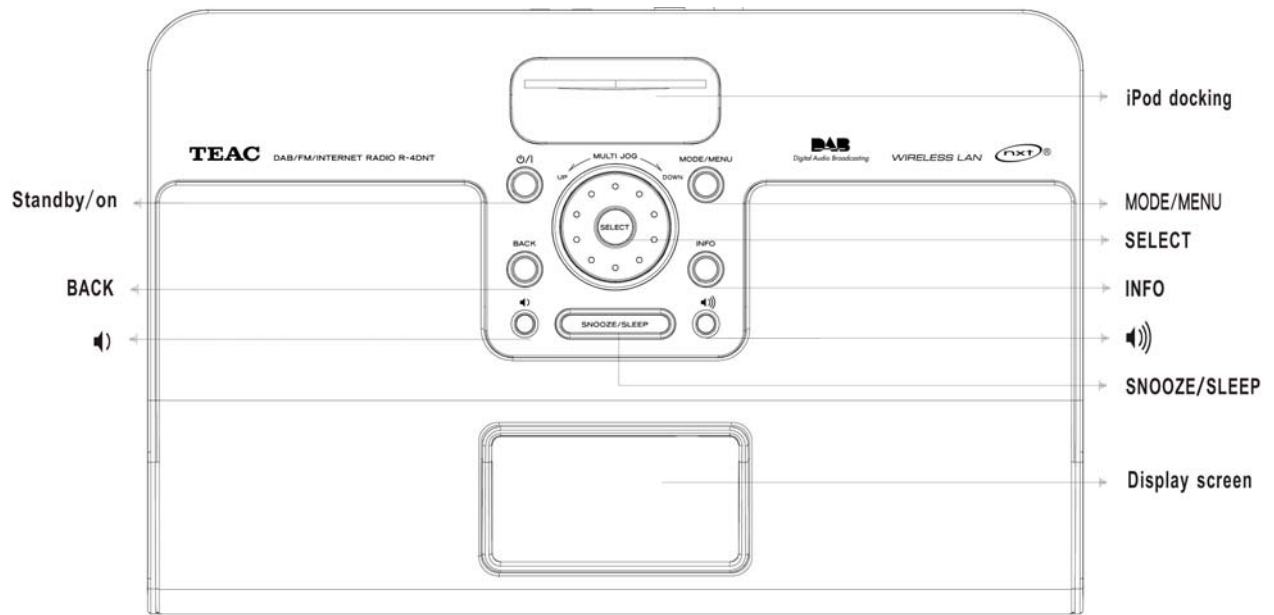
- Make sure the internet environment is ready and the network settings is available for LAN (ADSL or Cable Modems is highly recommended).
- To find the Radio's LAN MAC address, Please follow:
Main menu → System settings → Network → View settings → MAC Address

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 menu items as follows:
Main menu → System settings → Network → View settings → MAC Address
- To enter the MAC address into your wireless access point, you must read the instructions supplied with the wireless access point.

Before you continue, make sure that your wireless access point is powered up and connected to your broadband Internet, or your LAN cable is setting well. To get this part of the system working, read the instructions supplied with the wireless access point and LAN connecting is highly recommending!

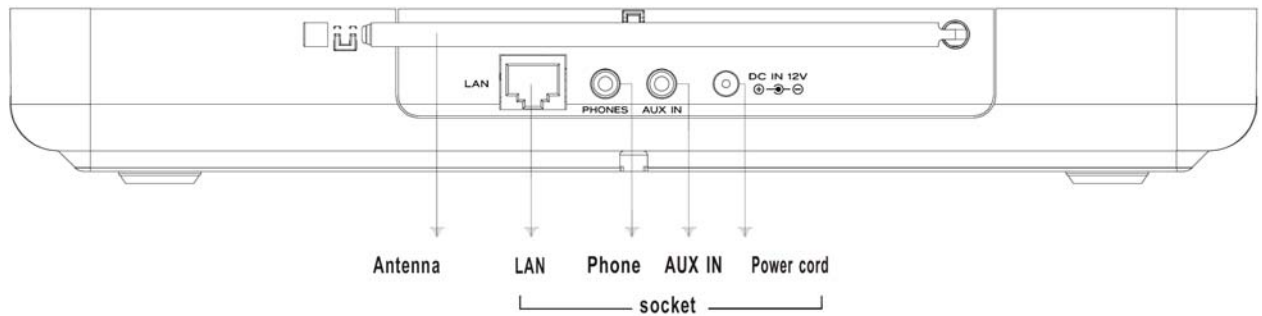
Controls Overview (a)



Unit Front Overview

Control	Internet	FM	iPod mode
	Press to turn on/off Radio		
MODE/MENU 	a. Press to convert among Internet, Music player, FM, iPod and AUX IN mode in turn. b. Press and hold to enter menu options .		
BACK 	Press to return to previous menu page		
INFO 	Press to Display Queue information		
	Press to decrease volume level		
	Press to increase volume level		
	a. Turn the knob to change options, press the knob to select b. FM mode: Press to searching next available station		
	a. When alarm is coming, press to play SNOOZE function. b. Another condition, press to setting SLEEP.		

Controls Overview (b)



Unit Top Overview




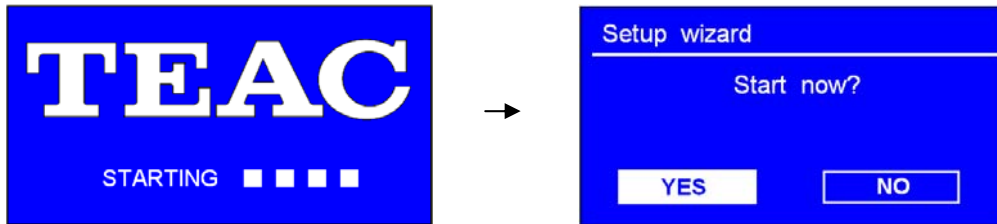
Remote Control Overview

1	Standby/on button	11	ALARM 1, ALARM 2 button	
2	MODE button	12	iPod mode , press to play/pause	
3	iPod mode , press to repeat	13	Press ▲ or ▼ to scroll up or down	
4	MENU button			iPod mode , Press < or > to previous or next track
5	SNOOZE button			SELECT button
6	SLEEP button	14	iPod mode , press to shuffle	
7	MEMORY button	15	MUTE button	
8	INFO button	16	VOLUME button	
9	PRESET button 1-10	17	Press to adjust TIMBRE	
10	clock button	18	DIMMER button	

Setup Wizard

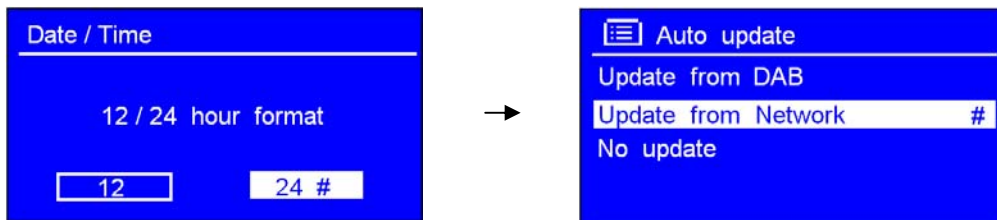
Step 1 - Power up Radio

1. Connect to your Internet Radio adapter and ensure the power LED is lighting up. In use, Radio can be switched on or off by press  button. For initial use, it will ask you 'Setup wizard'.

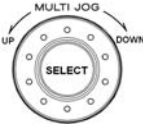


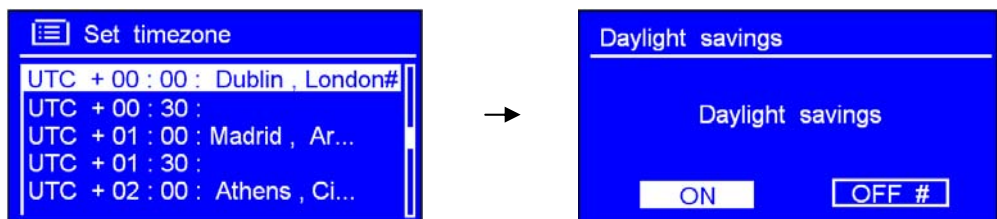
Step 2 – Setup wizard

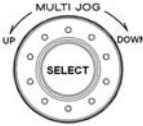
1. Continue above show, press **SELECT** to confirm 'YES', and then turn  to your ideal 'hour format', press **SELECT** to confirm.



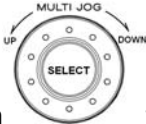
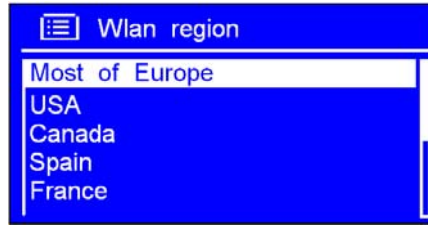
2. Turn  to 'Update from Network', and then press **SELECT** to confirm.

3. Turn  to your local 'timezone', and then press **SELECT** to confirm.

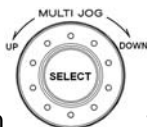
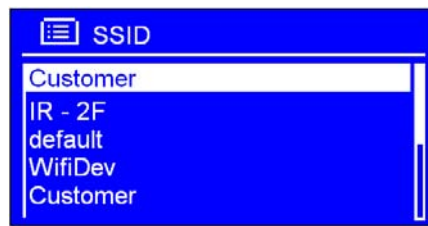




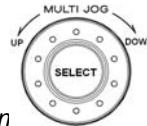
4. Turn  to your prefer 'Daylight saving' status, and then press **SELECT** to confirm.


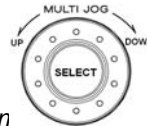


5. Turn  to your local 'Wlan region', and then press **SELECT** to confirm.

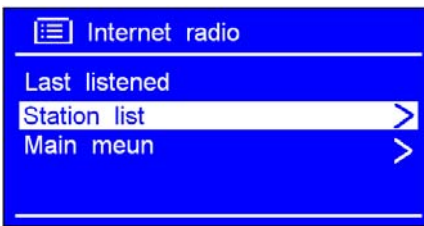


6. Turn  to your prefer 'SSID', press **SELECT** to confirm. Radio will save it in memory.



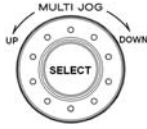
 **Note:** In some cases radio may find more than one network. Turn  to your favorite one, press **SELECT** to confirm.

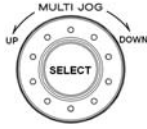
7. If your network is not configured to request a password (WEP/WPA), radio will connect to the network and display:




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





- Turn  to cycle through the alpha-numeric character list, press **SELECT** to select an appointed character.

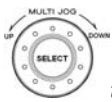


 **Note:** WEP/WPA pass codes are case-sensitive.

- If you make a mistake while entering your password, select '**BKSP**' icon to delete a character.

 **Note:** a.> for **BKSP**, its full name is Backspace.

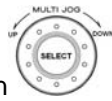
b. > the method of select **CANCEL**, **OK** or **BKSP** icon is when cursor director to '0',

backward turn  to select in turn.



c.> Select **CANCEL** will be returned to previous track.

d.> Radio will automatically save the WEP/WPA you've input, so no bother to re-enter these codes.

e.> After selecting the final character of your password, turn  to **OK**, and then press **SELECT** to confirm.



9. Press **SELECT** to exit.

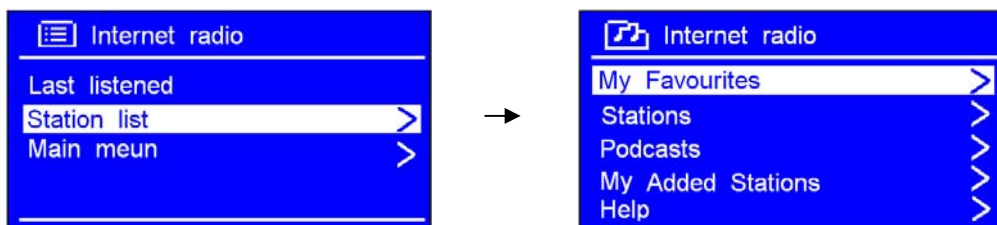
The setting is OK now!

Access wireless network

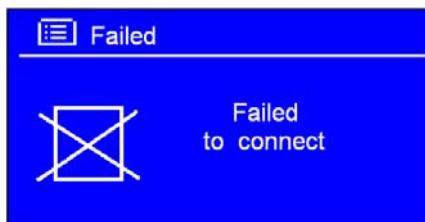
1. After successfully 'setup wizard', it will show you as below, .
Or, in use, you can by press and hold **MODE/MENU**.



10. While cursor point to < **Internet radio** >, press **SELECT**. While cursor point to < **Station list** >, press **SELECT** to confirm.



After trying to connect to network, if it say:

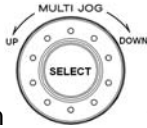


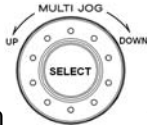
Please follow:

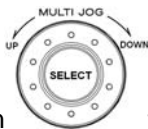
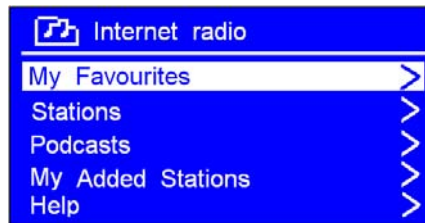
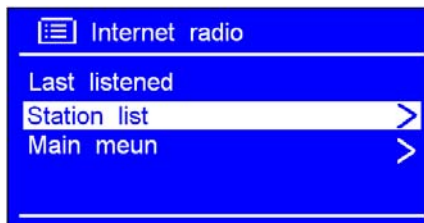
- a. Check your router, see it working normally or not;
- b. Relocate your radio to a stronger signal position is necessary!
- c. Make sure your password is correct input.

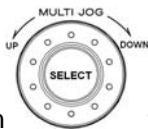
Choosing a station

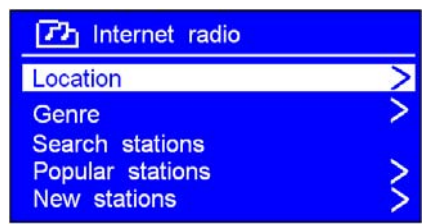
After your radio has successfully connected to network, you are ready to select a station.




1. Turn  to < **Station list** >, and then press **SELECT** to confirm.



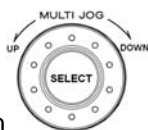
2. Turn  to < **Stations** >, and then press **SELECT** to confirm.

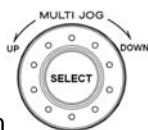



3. There are five options are available for you to choose a station as above photo show.

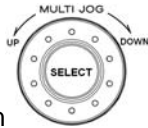
 **Note:** '**LOCATION**' enables you to choose from the radio stations provided by any country which you choose from a list.

- a. While cursor point to < **Location** >, press **SELECT** to confirm.

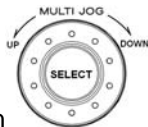
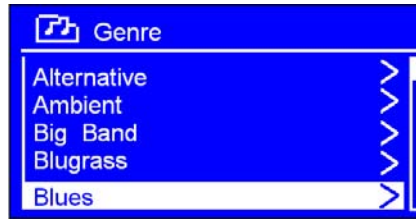
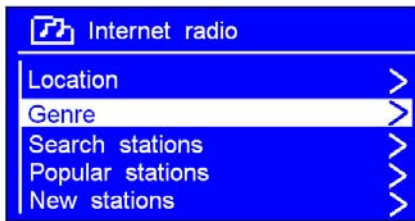


- b. Turn  until the display showing the region you want, press **SELECT** to confirm, use the same method to choose country, station in turn, Radio will now loading.

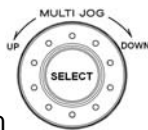
 **Note:** '**GENRE**' enables you to choose radio stations according to their content, for example *Classic Rock, Sport, News, etc.*

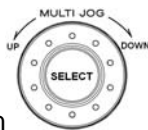



- a. Turn  to < **Genre** >, press **SELECT** to confirm.



- b. Turn  to your selecting type of content, press **SELECT** to confirm.




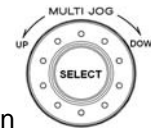
- c. Turn  until the display shows the station you want, press **SELECT** to confirm.

-  **Note:** a. Some radio stations do not broadcast 24 hours per day, and some stations are not always on-line.
- b. If this station has on-demand content, that is, it gives an option of listening the old programs which have already been broadcast.

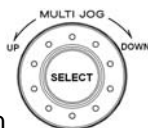
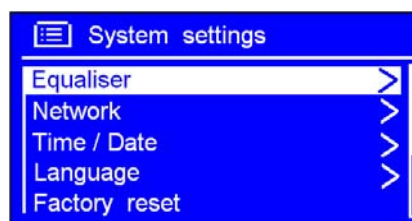
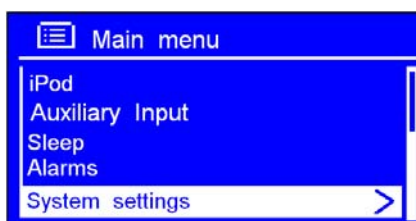
Connecting to wired network

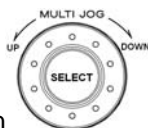
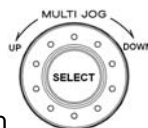
Step 1 – Choose LAN Setting

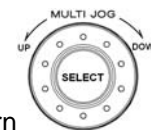
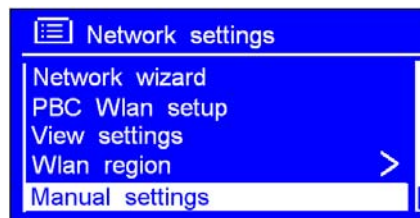
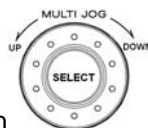
 **Note:** a. make sure LAN cable connecting to LAN socket already.

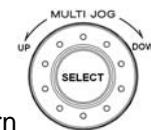


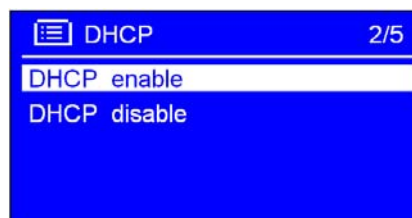
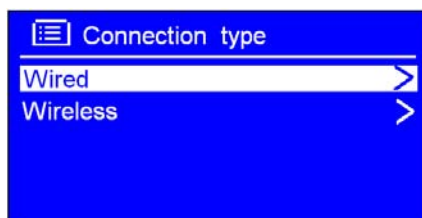
1. Press and hold **MODE/MENU** to go into 'Main Menu', and then turn  to < **System setup** >, press **SELECT** to confirm.



2. Turn  to < **Network** >, press **SELECT**, and then turn  to < **Manual settings** >, press **SELECT** to confirm.



3. While cursor points to < **Wired** >, press **SELECT** to confirm, and then turn  to < **DHCP enable** >, press **SELECT** to confirm.



 **The LAN setting is OK now!**

Step 2 – Enter Internet Radio mode

1. Press **BACK** repeatedly to go into this mode.

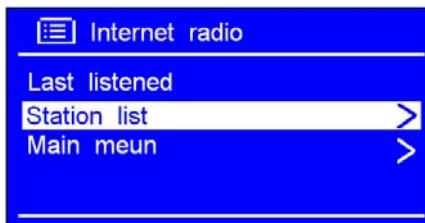
Or, press **MODE/MENU** repeatedly until **<Internet Radio>** is showing up, stop pressing.



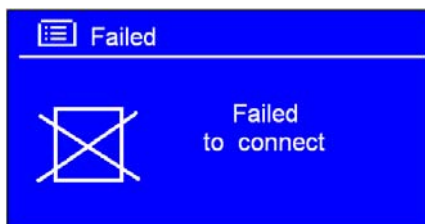
 **Note:** Press **MODE/MENU**, you can view Internet Radio, Music player, FM and iPod, AUX mode in turn.

Step3 – Access Network

Continue above steps, few seconds later, and it will say:



Or

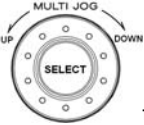


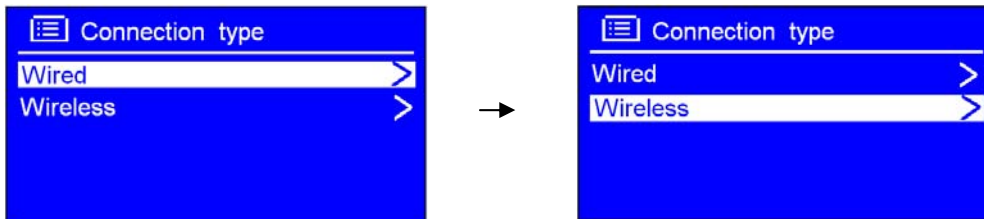
 **If this happens, please follow:**

- a. Check your Router, see it working normally or not.
- b. Check your LAN cable, make sure it hasn't damaged.
- c. See the port of cable which insert to LAN socket well.

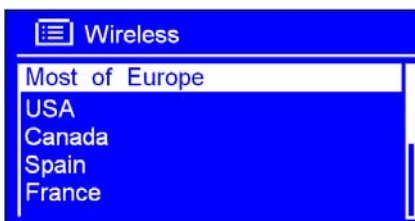
How to shift to wireless network

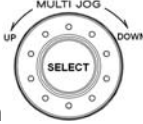
Step 1 – Choose WLAN Setting

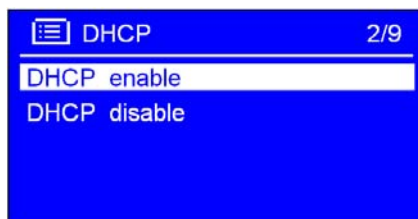
1. Refer '**choose LAN setting**', which u can find at page 12, turn  to < **Wireless** >, press **SELECT** to confirm.



2. While cursor point to < **DHCP enable** >, press **SELECT** to confirm.

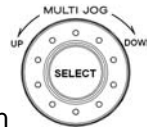


3. Turn  to the region of your location, press **SELECT** to confirm.

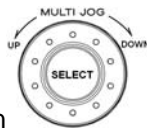
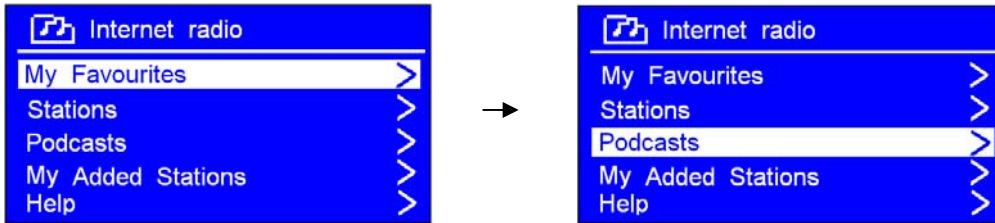


☺ Now, setting to wireless is OK!

How to select a station through Podcasts



1. After your radio has successfully connected to network, turn **SELECT** to **< Podcasts >**.

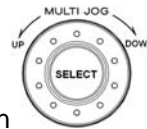


2. Press **SELECT** to confirm, and then turn **SELECT** to your favorite option.

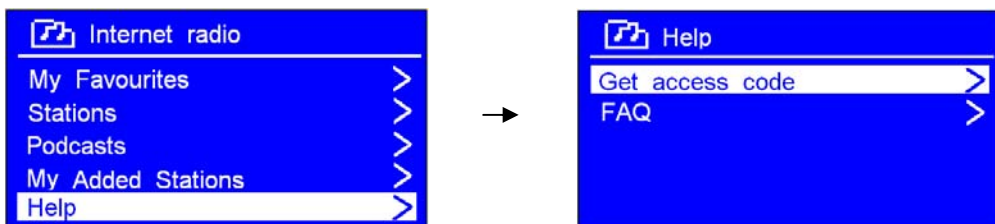



3. Press **SELECT** to confirm, and then step by step to your purpose program.

How to get Access code

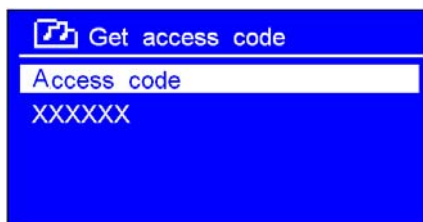


1. After your radio has successfully connected to network, turn **SELECT** to **< Help >**, and then press **SELECT** to confirm.



 **Note:** at this step, you can also listening radio **FAQ** solutions.

2. While cursor point to **< Get access code >**, press **SELECT** to confirm, then you get it.

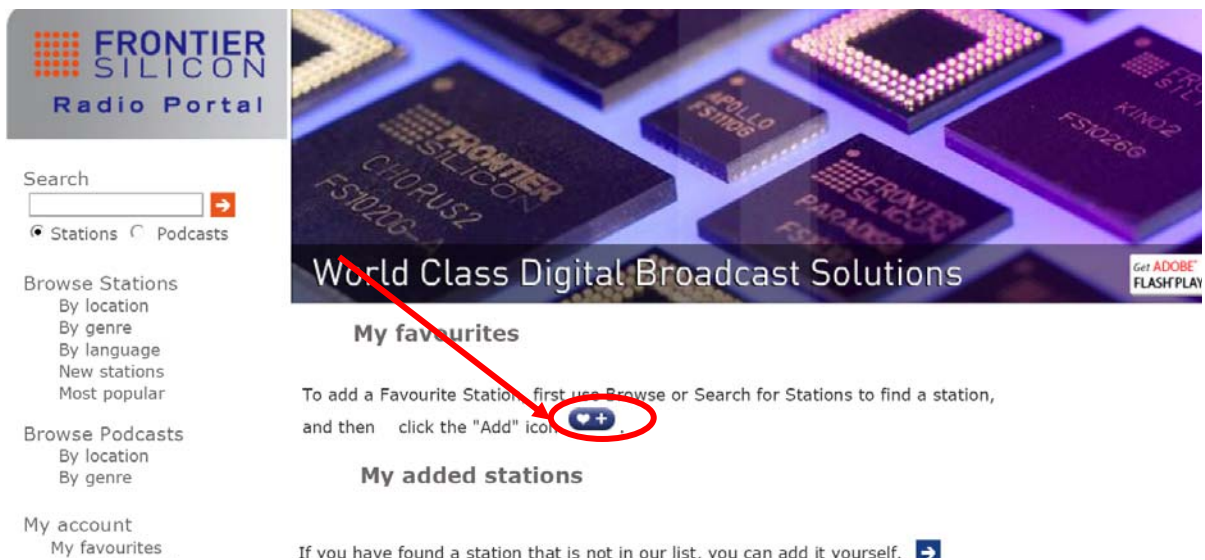


How to add station to 'My favourites'

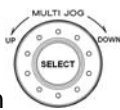
1. visit website: <http://www.wifiradio-frontier.com>
2. Click on the register link.



3. Create account login, you need an **Access Code** to complete it, which refer to page 15.
- Note:* For next your visiting this website as a member, please remember your registered '**Email address**' and '**Password**'.
4. You will able to take advatage of the various additional features and services offered by the Frontier internet Radio Portal.



5. How to play '**My favourites**'? Your need two steps:
 - a. While cursor point to < **My favourites** >, press **SELECT** to confirm.



- b. Turn  to your favourite station, press **SELECT** to to loading...

Note: You added '**my favourites**' stations will shows up at '**my favourites**' subdirectory. Doing a 'factory reset' cannot erase them.

How to add station to 'My Added Stations'

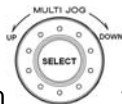
- ☺ 1. Visit website: <http://www.wifiradio-frontier.com>
- ☺ 2. Login as a member(at previous page, you registered).

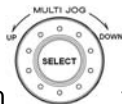



- ☺ 3. You will be able to take advantage of the various additional features and services offered by the Frontier internet Radio Portal.



- ☺ 4. How to play 'My added stations'? You need two steps:
 - a. When cursor points to < **My added stations** >, press **SELECT** to confirm.



- b. Turn  to your favourite station, press **SELECT** to loading...

 **Note:** Your added stations will show up at 'my added stations' subdirectory. Doing a 'factory reset' cannot erase them.

Changing the Station Information

It is possible to view the information that is displaying on the second line of the display when listening Internet program. To view more information, you can press **INFO** repeatedly.

1. Description of Station

This is scrolling text information supplied by the Internet station. It may comprise information on music titles or details of the programme which is provided by the broadcaster.

2. Location of Station

This is a description of the type of programme provided by either internet radio station or broadcaster.

3. Reliability of Station

This will show the degree of reliability of station which you are listening to.

4. Signal Information of Station

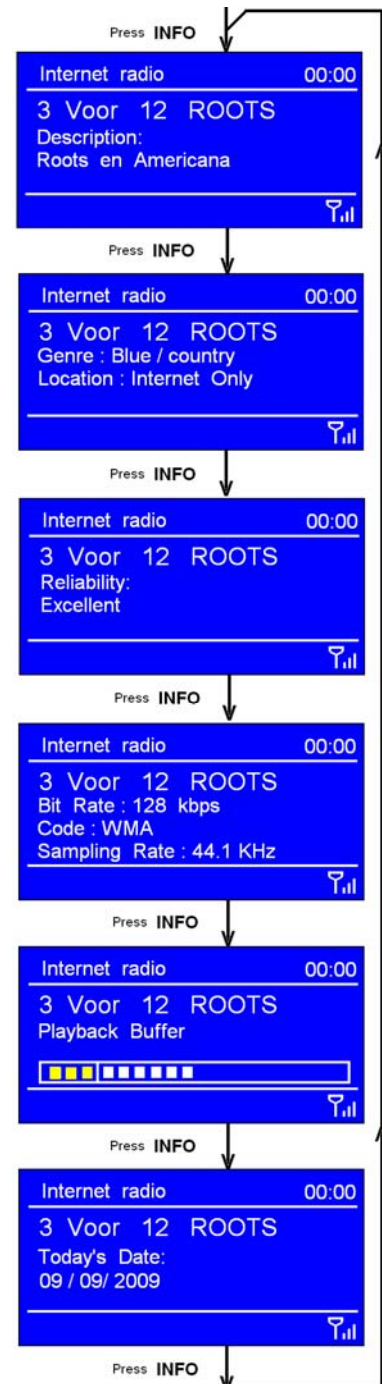
This shows the digital bit rate and the signal mode.

5. Playback Buffer of Station

This displays the playback buffer strength of current station.

6. Date of Station


This displays the date which is provided by the broadcaster so will be accurate.



Station Updates

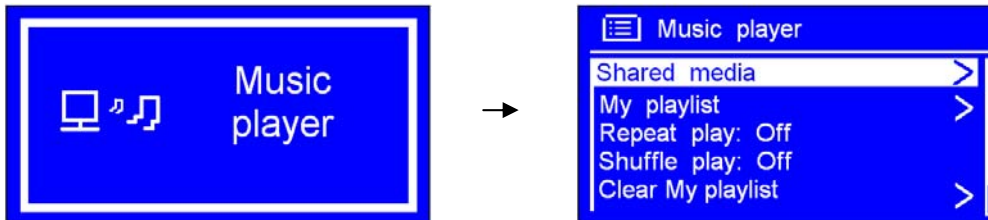
Occasionally, Radio will tell you that it is receiving an updated station list. It does this automatically and periodically, ensuring your Radio always has the latest station directory on-board.

Music player Mode

 **Note:** To play this order, read appendix at first, which at following pages is highly recommending!

A. PLAY SHARED MEDIA

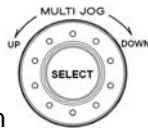
1. Press **MODE/MENU** repeatedly until **< Music player >** is showing up.



 **Note:** Or, enter **< Main menu >**, and then turn  to **< Music player >**, press **SELECT** to confirm.

2. While cursor point to **< Shared media >**, press **SELECT** to confirm, and then step by step to your selecting Music.

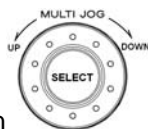
B. Repeat play mode



- a.) At above step 1, turn  to **< Repeat play: Off >**, press **SELECT** to shift 'Off' to 'On'.



C. Shuffle play mode



- a.) At above step 1, turn  to **< Shuffle play: Off >**, press **SELECT** to shift 'Off' to 'On'.



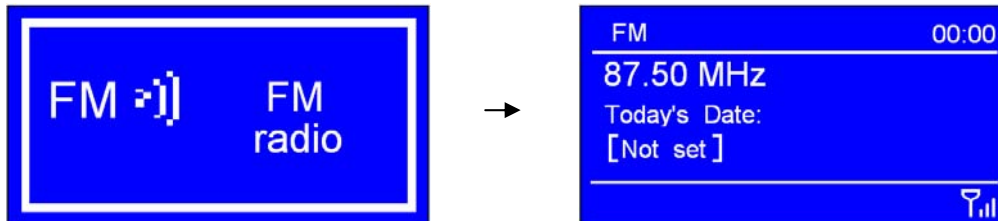
FM Mode

A. GENERAL OPERATION

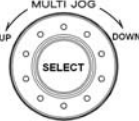
1. Press **MODE/MENU** repeatedly until **< FM Radio >** is showing up.

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.



 **Note:** to enter this mode, you may also press **BACK** to go back to 'Main menu', and then turn  to **< FM >**, press **SELECT** to confirm.

2. Turn  to increase or decrease the frequency by 0.05MHz per step.

1. To auto-searching, simply press **SELECT**.

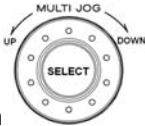


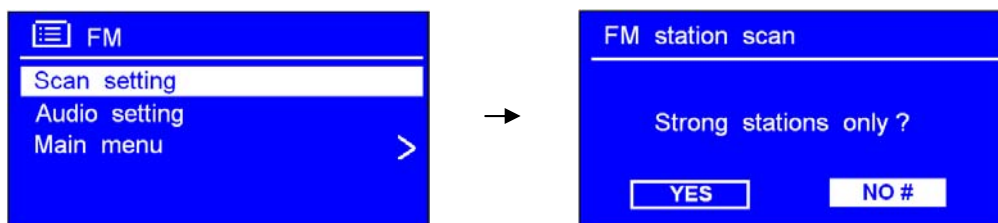
Note: a. To 'auto-searching' the next active station, repeat step 3.

b. The unit will display the frequency changing until it stops on the next station.

c. After it reached to the end of the frequency range, it will search again from the beginning of range.

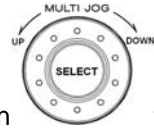
B. SCAN SETTING

1. FM mode, at any step by pressing **BACK** to enter, and then turn  to **< Scan setting >**, press **SELECT** to confirm.

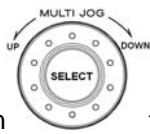
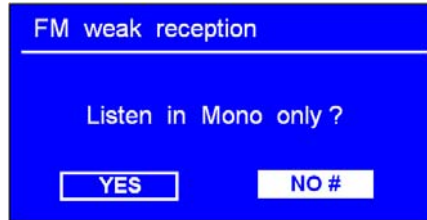
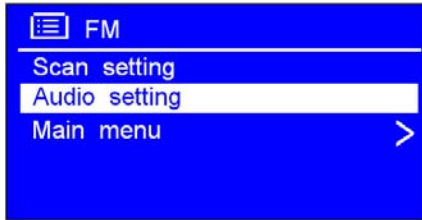


2. Turn  to select 'YES' or 'NO', and then press **SELECT** to confirm.

C. AUDIO SETTING



1. FM mode, at any step by press **BACK** to enter, and then turn **SELECT** to confirm.



2. Turn **SELECT** to select 'YES' or 'NO', and then press **SELECT** to confirm.

iPod Mode

You can play the music files stored on your iPod through the stereo speakers.

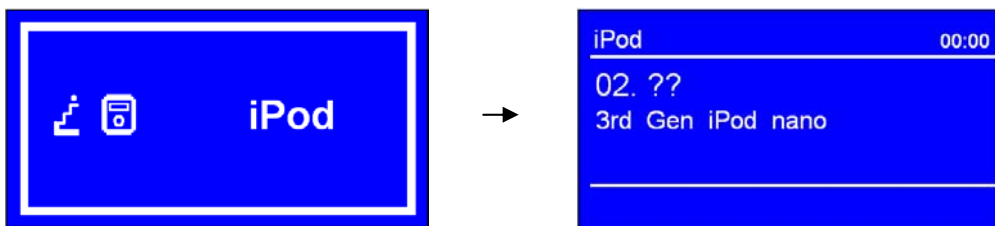
Docking your iPod

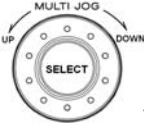
1. Insert the Dock Adapter that fits your iPod model.


The adaptor No. is marked at the back or side of each dock adapter.

Apple's adapter no.	iPod Versions
13	iPod Nano 3 rd Gen
14	iPod Touch 1 st Gen
16	iPod Touch 2 nd Gen
17	iPod Nano 4 th Gen

2. Insert your iPod into the iPod dock, the Dock will begin to charge your iPod if necessary. Charging will stop when the iPod is fully charged (check the iPod screen).
3. Press **MODE/MENU** repeatedly until '**iPod**' is displayed.

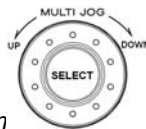


4. Select and play a track using your iPod, or by turning  to previous track or next track, press **SELECT** to Play/Pause.

5. Adjust the volume level by pressing  or  repeatedly. Do not adjust the volume on the iPod.

AUX IN Mode

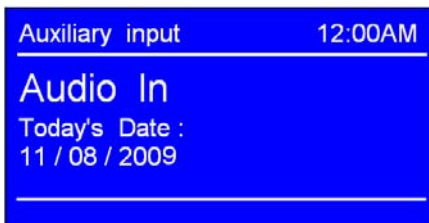
1. Press **MODE/MENU** repeatedly until < **AUX in** > is showing up.



 **Note:** Or enter '**MAIN MENU**', and then turn  to < **AUX in** >, press **SELECT** to confirm.

2. Through a cable connection, your radio can be transformed into a high quality digital audio speaker system.
3. Connect one end of the audio cable to the headphone (or auxiliary out) socket of your source device, the other end connect to AUX IN socket on the rear of your radio.

The radio display will show:

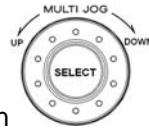


4. To gain optimal volume levels, adjust the output volume level on both the source device and on radio itself is recommended.

 **Note:** **AUX IN** allows for quick and easy connection the MP3 player or other external sound sources.


General Operation

Return to Main Menu

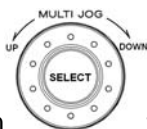
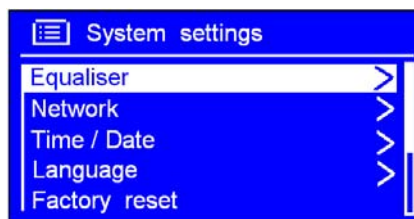


- ✓ Simply press and hold **MODE/MENU** button, and then turn **SELECT** to < **Main menu** >.
- ✓ Alternatively, you can move back to radio's top-line < **Main menu** >, at any time by pressing the **BACK** button.

Setting Equaliser



 **Note:** set it can be change your radio timbre.

1. It can be activated from < **Main menu** > → < **System settings** >, while cursor point to < **Equaliser** >, press **SELECT** to confirm.



2. Turn **SELECT** to your ideal one, press **SELECT** to confirm.

Changing Volume

Adjust the volume level by pressing  or  repeatedly.

Radio will remember its previous volume level.

Changing the Station Information

It is possible to view the information that is displayed on the second line of the display when listening Internet Radio program.

To view more information, you can press **INFO** repeatedly.

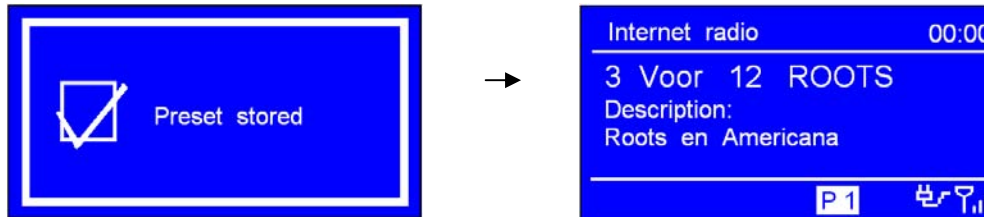
 **Note:** for this function, '**AUX in mode**' is out of service.

Setting Station Presets

Your Radio can store 10 Internet and 10 FM stations preset,

To preset current station:

1. Press and hold one of **PRESET** buttons 1-10 on remote control, until it say:



Selecting a Preset station

To select a stored station:

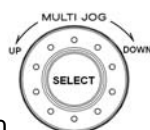
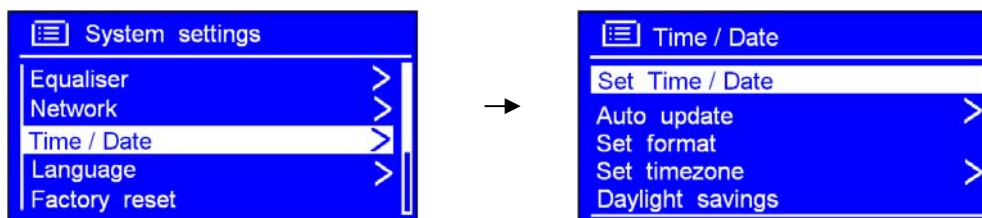
1. Enter corresponding mode by press **MODE/MENU** repeatedly.
2. Press one of **PRESET** buttons 1-10 on remote control is OK.



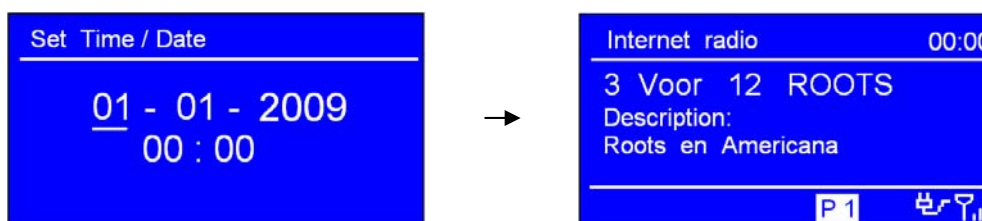
Note: a. Do not hold the button down - if you do then the station currently playing will overwrite the one stored in the preset, be careful!

Setting Clock

1. It can be activated from < **Main menu** > → < **System settings** > → < **Time/Date** > → < **Set Time/Date** >.



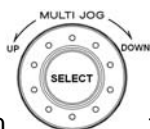
2. Press **SELECT** to confirm, and then turn  to set date, press **SELECT** to confirm, using the same method to set month, year, hour and minutes.



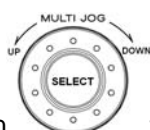
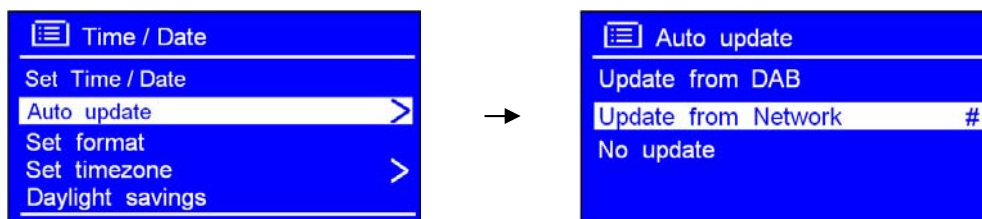
The '**Set Time/Date**' is OK now.

- **You can also through 'Auto update' for setting the clock.**

 **Note:** Choose <Auto update>, please ensure your radio is connecting to internet successfully.



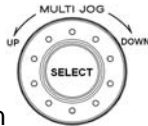
1. Turn  to < **Auto update** >, press **SELECT** to confirm.



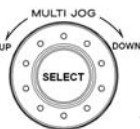
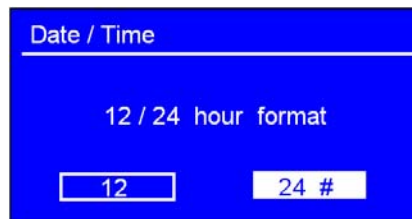
2. Turn  to < **Update from Network** >, press **SELECT** to confirm.

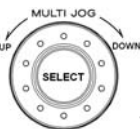
The '**Auto update**' is OK now.

- **Set hour format**

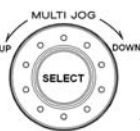


1. Turn  to < **Set format** >, press **SELECT** to confirm.

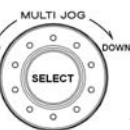


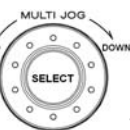
2. Turn  to your selecting one, press **SELECT** to confirm.

- **Set timezone**



1. Turn  to < **Set Timezone** >, press **SELECT** to confirm.

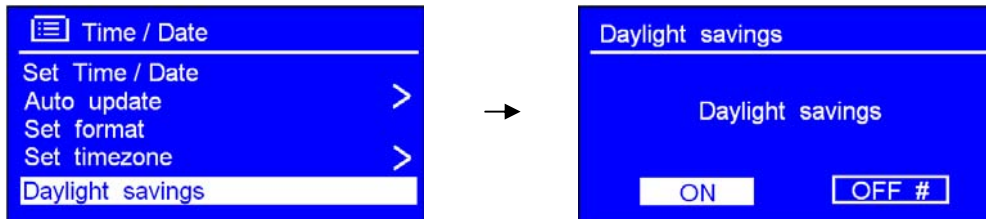


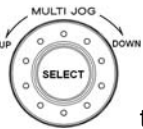
2. Turn  to your location timezone, press **SELECT** to confirm.

Until now, the setting clock is perfect!

Daylight savings

1. It can be activated from < **Main menu** > → < **System settings** > → < **Time/Date** > → < **Daylight savings** >, press **SELECT** to confirm.

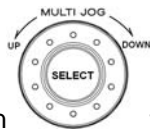



2. Turn  to 'ON', press **SELECT** to confirm.

Setting Alarm

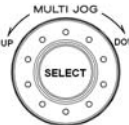
- **Note:** Setting Alarm, make sure Setting Time at first.

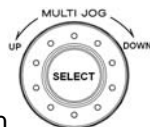
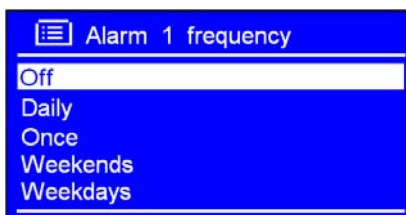
1. Press **ALARM 1** or **ALARM 2** on remote control directly to enter.
Alternatively, enter < **Main menu** > → < **Alarms** >, press **SELECT** to confirm.

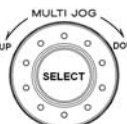
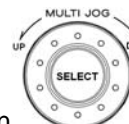


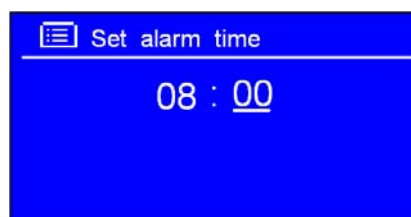
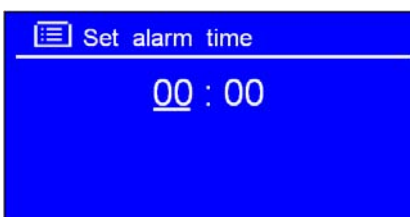
2. Turn  to the one you want setting, press **SELECT** once more.



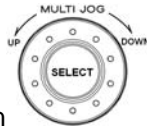
3. While cursor point to < **Enable: Off** >, press **SELECT** to confirm, and then turn  to your desire alarm frequency, press **SELECT** to confirm.



4. Turn  to < **Time: 00:00** >, press **SELECT** to confirm, turn  to change hours, and then press **SELECT** to confirm, using the same method setting minutes.

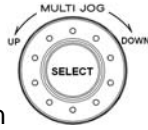


5. Press **SELECT** to confirm, turn



to < **Mode: Internet radio** > press **SELECT** to confirm,

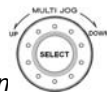
and then turn



to your purpose one.

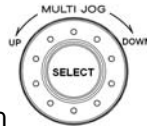


Note: Alternatively, you may also turn



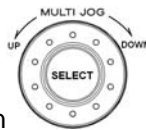
to < **Preset: Last listened** > to choice alarm sound.

6. Press **SELECT** to confirm, and then turn

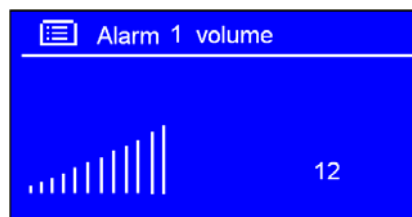


to < **Volume: 12** >, press **SELECT** to confirm,

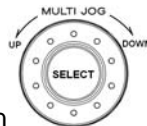
and then turn



to to your desire volume.



9. Press **SELECT** to confirm, finally turn



to < **Save** >, press **SELECT** to confirm.



The display will show '**Alarm Saved**' for 3 seconds, Alarm icon appeared.



To check alarms status, press to enter standby mode.

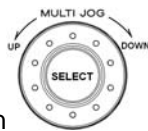


- When alarm is coming, press any button to deactivate it, if you touch **SNOOZE/SLEEP**, which located at top of unit, will stop it between 5-30 minutes, interval time is 5 minutes per step.

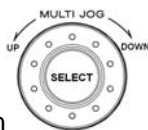


Note: While in SNOOZE function, the relative alarm should be twinkling, and shows how long it will be elapsed.

- To cancel Alarm you need to convert alarm 'On' to 'Off':
 - Press **ALARM 1** or **ALARM 2** on remote control, to enter alarms setting mode,
 - While cursor point to '**Enable: Daily** (or other frequency)', press **SELECT** to enter.



- Turn to '**Off**', press **SELECT** to confirm.



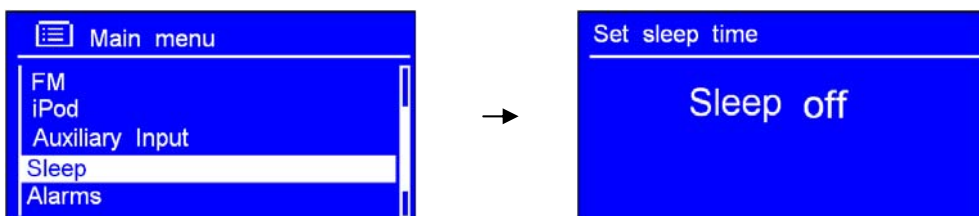
- Turn to **< Save >**, remember press **SELECT** to confirm your settings.

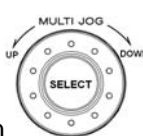
Alternatively, perform a '**factory reset**'.

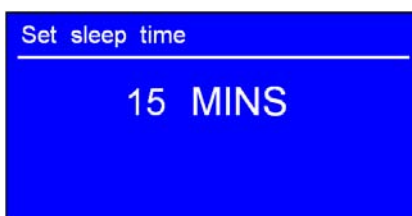
Sleep Function

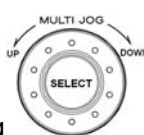
1. Directly press **SLEEP** on remote control.

Alternatively, press and hold **MODE/MENU** to < Main menu > → < Sleep >, press **SELECT** to confirm.




2. Turn  to define the sleep period which between 0 – 60 minutes.




3. When your purpose period is appeared, simply stop turning .



 **Note:** a. The interval time is 15 minutes per step.
B. At this step, and sleep icon shows up, as well as show how long it will be expired.

4. Radio will now automatically put itself into standby mode after it has elapsed.

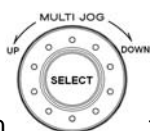
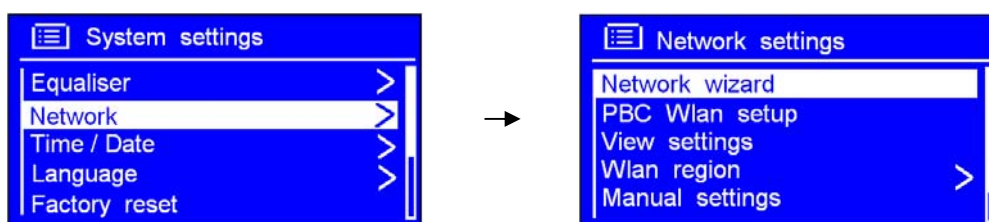
5. To continue enjoying your program, press  button.

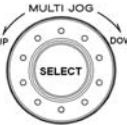
System settings

Network setup

- ✧ **Note:** a. Use this if you take the Internet Radio to another building where you want to use it.
- b. Enable you to scan again for connection to another wireless network, or to manually configure the network parameters.

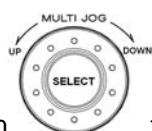
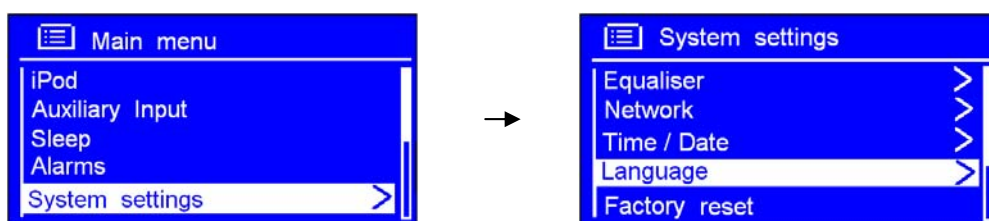
1. It can be activated from < **Main menu** > → < **System settings** > → < **Network** >, press **SELECT** to confirm.

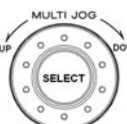


2. Turn  to your purpose one, press **SELECT** to confirm.

Language

1. It can be activated from < **Main menu** > → < **System settings** > → < **Language** >, press **SELECT** to confirm.

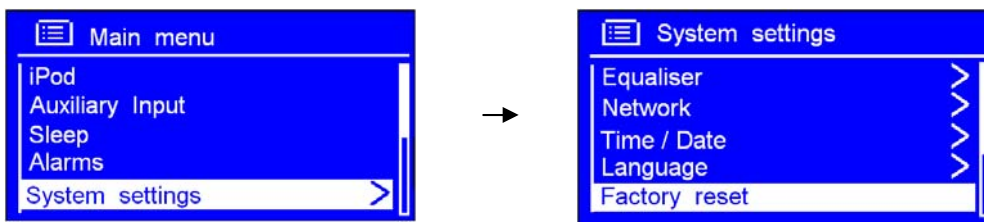


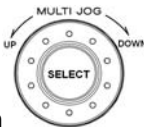
2. Turn  to your purpose one, press **SELECT** to confirm.

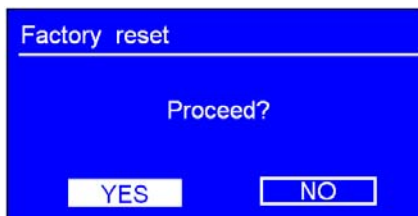
Factory reset

- ✧ **Note:** running this will completely erase your radio's memory, clearing all WEP/WPA codes and user settings. This will effectively return to its default factory settings.

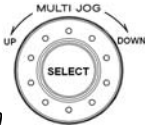
1. It can be activated from < **Main menu** > → < **System settings** > → < **Factory reset** >.



2. Press **SELECT** to confirm, and turn  to 'YES'.

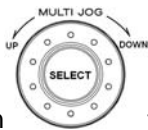
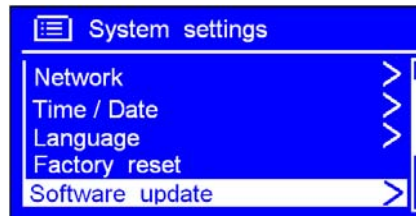
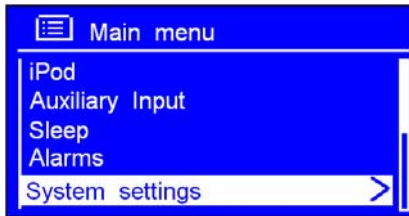


3. Press **SELECT** to confirm.

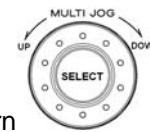
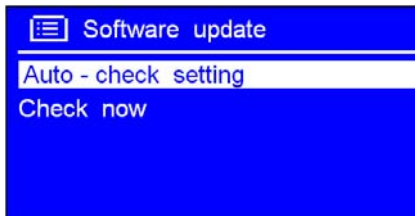
- ✧ **Note:** If you do not wish to continue, at step 2, turn  to select '**NO**', and then press **SELECT** to cancel this order, radio will revert to its previous operating condition.

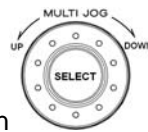
Software Updates

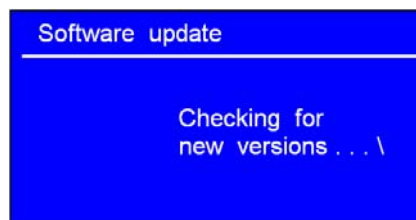
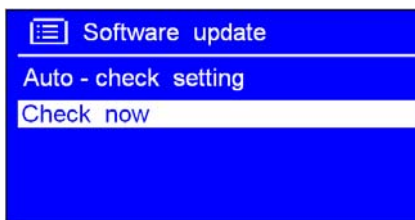
1. It can be activated from < **Main menu** > → < **System settings** > → < **Software update** >, press **SELECT** to confirm.



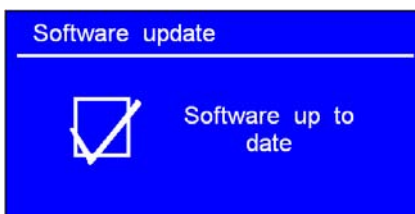
2. Turn  to < **Auto- check setting** >, press **SELECT**, and then turn  to < **YES** >.



3. Press **SELECT** to confirm, then your radio shows as above step 2, turn  to < **Check now** >, press **SELECT** to confirm.



Following is:

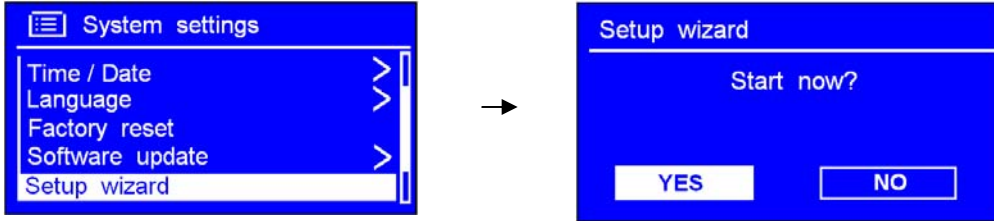


It's completed until now!

- ✧ **Note:** software update can take several minutes do not switch Radio off until this procedure has been completed. Otherwise, may cause permanently damaged.

How to enter Setup wizard

1. It can be activated from < **Main menu** > → < **System settings** > → < **Setup wizard** >, press **SELECT** to confirm.



2. Then step by step to set it.

SW Version and Radio ID

1. It can be activated from < **Main menu** > → < **System settings** > → < **Info** >.



2. Press **SELECT** to confirm.

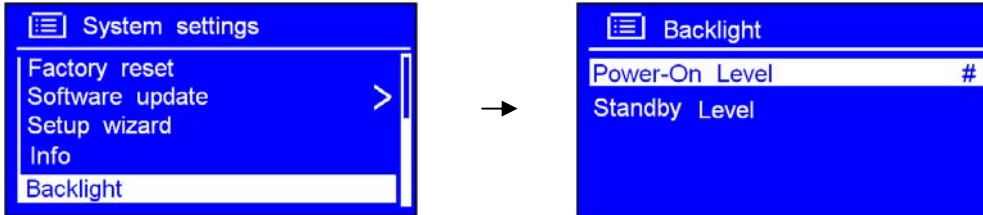


This information may be requested when dealing with technical support issues

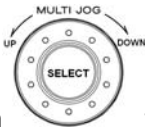
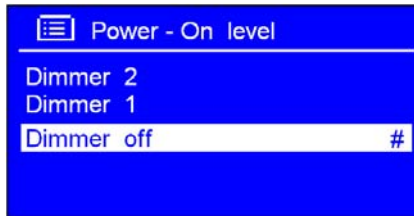
Setting Backlight

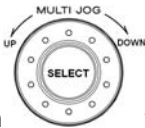
A. Setting Power-On level

1. It can be activated from < **Main menu** > → < **System settings** > → < **Backlight** >, and then press **SELECT** to confirm.

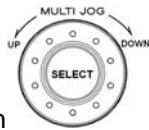


2. While cursor point to 'Power-On level', press **SELECT** to confirm.

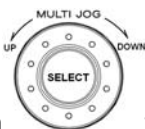
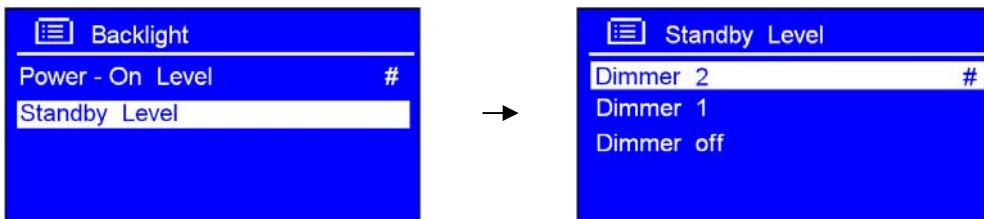


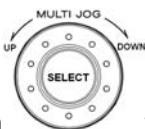
3. Turn  to your purpose one, press **SELECT** to confirm.

B. Setting Power-On level



1. At above step 1, turn  to < **Standby level** >, press **SELECT** to confirm.



2. Turn  to your purpose one, press **SELECT** to confirm.

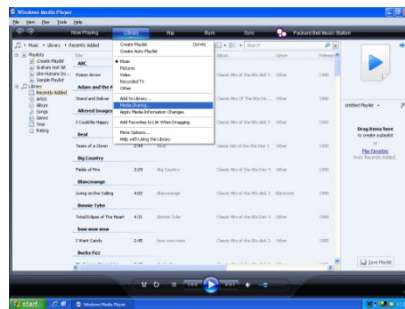
Appendix

Step 1: Set Up Media Sharing in WMP 11

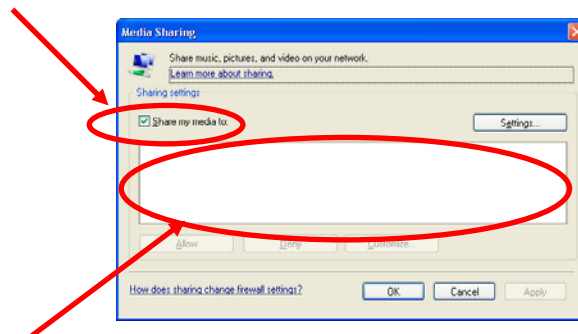
After you download and install Windows Media Player 11 for Windows XP and connect your Radio to the network, you need to set up media sharing so that you can share music with your Radio.

The following steps describe how to set up media sharing in Windows Media Player 11.

1. In Windows Media Player 11, click the small arrow below the **Library** tab, and then click **Media Sharing**.



2. In the **Media Sharing** dialogue box, select the **Share my media** check box.

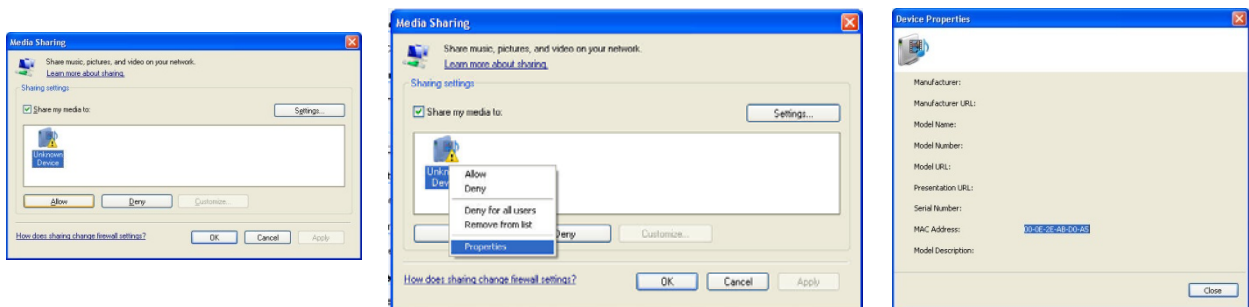


3. Check the "share my media to" box. In the list, click your **Radio** *, click **Allow**, the selected device will now show a green tick and then click **OK**.

* If your device does not appear in the list of devices, perform the following steps;

- a. From the "Media Player" menu of your internet radio, select "UPNP Servers", a list of available computers will appear.
- b. Select the required computer.

Your device will now appear in the list. If you want to check that this is your Radio, right click on the device and select "Properties": your Radio's MAC address will be shown.



Step 2: Play Music on the Internet Radio

After installing and configuring your Radio and Windows Media Player 11, you are now ready to play music via a wireless connection.

The following steps describe how to play music with your Radio.

1. Select "UPNP Servers" in the "Media Player" menu.
2. Select the computer you wish to play the music files from.
3. Use the controls to browse according to the following criteria: All Music, Genre, All Artists, Contributing Artists, Album Artists, Composers, Albums, Playlists, Folders or Star Ratings and then press **SELECT** to confirm.
4. Select the tracks you want to play, and then press **SELECT**. Enjoy the music!

Set Up Media Sharing in MAC OS

Using the Radio with a MAC will require Windows File Sharing. MAC OS 9 and earlier versions of the OS will need extra software to use Windows File Sharing, but MAC OS X 10.2 and later versions have Windows File Sharing built into the OS.

----- Set up Windows File Sharing on a MAC

- From the 'Dock', click on 'System Preferences'. From the 'System Preferences' window, under the 'Internet & Network' section, click on 'Sharing'.
- From the 'Sharing' window, do the following:
 - Under the 'Services' section, enable 'Personal File Sharing' and 'Windows Sharing'. In order to do this, tick the corresponding boxes or click on 'Start' for each of these services.
 - Under the 'Firewall' section, switch off the firewall.
 - Under the 'Internet' section, switch off 'Internet Sharing'.

----- Accounts Setup

- From the 'System Preferences' window, in the 'System' section, click on 'Accounts'. Select an account and remember its 'Short Name' and password. This will be used for the Radio to connect to the MAC.

----- Directory Setup

- From the 'Dock', click on 'Finder'. From 'Finder', click on 'Applications' then 'Utilities'. Click on 'More Info' for 'Directory Access' and ensure that the 'Read/Write' option is enabled. Double-click on 'Directory Access' and enable the following:
 - AppleTalk
 - LDAPv3
 - SLP
 - SMB/CIFS
- For 'SMB/CIFS', click on 'Configure' and select an appropriate workgroup.
- Copy and paste the mp3 files to 'Documents' in the 'Finder' window.
- Turn on 'AirPort' (wireless sharing).
- Wait for a few minutes.

In the 'Media Player' > 'Windows Shares' menu, enter the MAC account's short name and password. The Radio should then be able to connect to the MAC.

Troubleshooting

If you experience any trouble with your wireless Internet Radio, then you may find it useful to visit the help section on our webpage: <http://www.wifiRadio-frontier.com>

If you have trouble connecting the Radio to your wireless network, these steps may help to resolve the problem:

1. Confirm that a Wi-Fi connected PC can access the Internet (i.e. can browse the web) using the same network.
2. Check that a DHCP server is available, or that you have configured a static IP address on the Radio. You can configure a static IP address on the Radio using the menu item 'System setting -> Network -> Manual setting-> Wireless', and then select 'DHCP disable'.
3. Check your access point does not restrict connections to particular MAC addresses. You can view the Radio's MAC address using the menu item 'System setting -> Network -> View setting-> MAC address'.
4. If you have an encrypted network, check that you have entered the correct key or password into the Radio. Remember that text-format keys are case sensitive. If, when attempting to connect to an encrypted network, your Radio displays: 'Wireless error' followed by a 5-digit number, then please ensure that you enter the correct passphrase for the network. If the problem persists, then you may need to consult your network configuration.
5. If your Radio can connect to the network successfully, but is unable to play particular stations, it may be due to one of the following causes:
 - a. The station is not broadcasting at this time of the day (remember it may be located in a different time zone).
 - b. The station has reached the maximum allowed number of simultaneous listeners.
 - c. The station is not broadcasting anymore.
 - d. The link on the Radio is out of date.
 - e. The Internet connection between the server (often located in a different country) and you is slow.

Try using a PC to play back the stream via the broadcaster's web site.
6. If you can play back the station with a PC, use the form at <http://www.wifiRadio-frontier.com> to notify us so that we can change the station data that is used by the Radio.

Specification

ITEMS	DESCRIPTION
Specifications:	FM/INTERNET Radio with Docking for iPod®
Audio Output:	10Wrms X 2
Frequency Ranges:	(FM) 87.50 – 108.00 MHz
LCD Display:	High resolution display
Power Requirements:	AC Power Input: 100-240VAC, 50-60HZ <i>(for use, please refer rear panel silk-screen)</i>
Speaker:	8 ohm
Dimension:	300mm x 200mm x 50mm



This product has been designed specifically to work with iPod and has been certified by the developer to meet Apple performance standards.



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. There are separate collection systems for recycling in the EU.

For more information, please contact the local authority or your retailer where you purchased the product.