

SAGEMCOM

Internet Radio RM50

User Guide



ENGLISH



WELCOME

Dear customer:

Thank you for purchasing a SAGEMCOM WiFi IP Radio; we appreciate your trust in us. This product was manufactured with the upmost care, should you encounter any difficulties during its use, we recommend that you refer to this user guide. You can also find information on the following site:

<http://www.sagemcom.com/faq>

The new material is guaranteed (parts and labour) by **SAGEMCOM** under the conditions and according to procedures defined on the site www.sagemcom.com heading support.

In the event of a technical problem, please refer to the table at the end of this user guide for a list of incidents and the way to solve them.

The SAGEMCOM site (www.sagemcom.com assistance section) also provides information on how your IP Radio works and how to solve any problems you may encounter. You can also contact our assistance service by E-mail. If the problem persists, you should contact our call centre (see the table below). They will offer an expert appraisal of your material remotely to determine the cause as well as the type of repair required.

For your comfort and safety, please read carefully the paragraphs below on safety recommendations and instructions.



Recommendations and safety instructions



Do not install your IP Radio in a humid room (bathroom, laundry, kitchen, etc.), or within 1.50m of a tap or water source, or outside. Your IP Radio should be used at an ambient temperature of between 15 °C and 35 °C for optimum sound results.

Do not set up your IP Radio in a dusty environment as dust deposits might adversely affect the sound quality.

Avoid objects or liquids getting into the unit.

Unplug the power lead if the unit will not be used for a long period.



Do not handle your AC cord with wet hands. If liquid spills on your product, unplug immediately and contact your dealer for cleaning instructions.



Only the power supply provided with the IP Radio should be used. Connect this to the mains in accordance with the installation instructions in this user guide and the information on the identification label affixed to the power supply (voltage, current, mains frequency). As a precaution, in case of danger, the main adapters act as a disconnecting mechanism for the 230 V power supply. They should be placed near the device and should be easily accessible.



Do not attempt to use force to plug a connector into the audio jack. If the connector cannot be plugged into the jack easily, the connector is incompatible.

Do not attempt to remove any screws or open the unit. No user serviceable parts are inside.

The length of the USB cables used on this product shall not exceed 3m.



This terminal was designed for private use inside a building (CPE customer premises equipment) in the European Free Trade association (EFTA). It has been tested in accordance with the technical provisions for radio equipment (EN 300328).

The radio frequency bands authorized for Wireless transmission depend on national regulations. The installation of this terminal operating in the 2.4 GHz band is covered by the European recommendation ERC 70-03.

Before use, make sure that the gateway with which you establish a wireless connection from your terminal is set up in accordance with this regulation and with the national regulations where it is used. SAGEMCOM accepts no liability if the regulations in force on the installation site are not complied with.



Some sensitive medical equipment and safety equipment may be affected by the radio-frequency transmissions of your radio. In all cases, we ask that you respect the safety recommendations.



The device shall not permanently be installed or used closer than 20cm from the human body.



The CE marking certifies that the product meets the essential requirements of Directive 1999/5/CE of the European Parliament and of the Council pertaining to microwave radio equipment and telecommunication terminal equipment, for the safety and health of users, for electromagnetic interference. Furthermore, it efficiently uses the frequency spectrum attributed to ground and spatial communication to prevent damaging interference.

The declaration of compliance may be looked up on the www.sagemcom.com site or can be obtained from the following address:

SAGEMCOM
Customer relations department
250, route de l'Empereur, 92500 Rueil
Malmaison - FRANCE



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1. YOUR IP RADIO

This product is an IP Radio that, once connected to an Internet gateway, will allow you to access worldwide Internet radio stations and to listen to your digital music files stored on your PC, or on a multimedia UPnP server. It can also be used as an alarm clock for wake-up and important appointments.

1.1 MAIN FEATURES

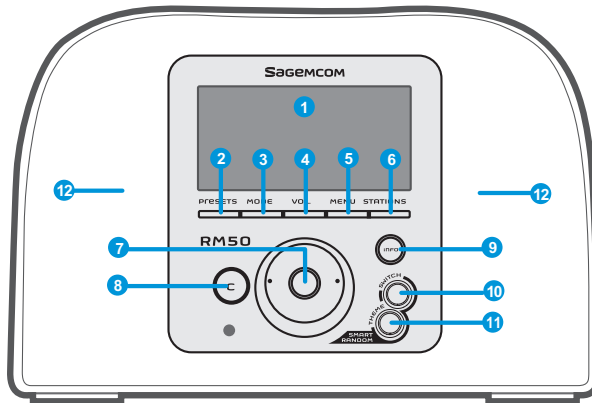
1. WiFi 802.11 b/g
2. Software update through USB
3. Internet Radio
4. FM RDS
5. Audio Codec : MP3 / WMA / WAV
6. Output Connector : Line-out

1.2 UNPACKING

- 1 x IP Radio Device
- 1 x Power Adapter (DC 5V / 2A)
- 1 x Remote Control
- 1 x CD / User Manual
- 1 x Quick Guide
- 1 x Quick Warranty Guide



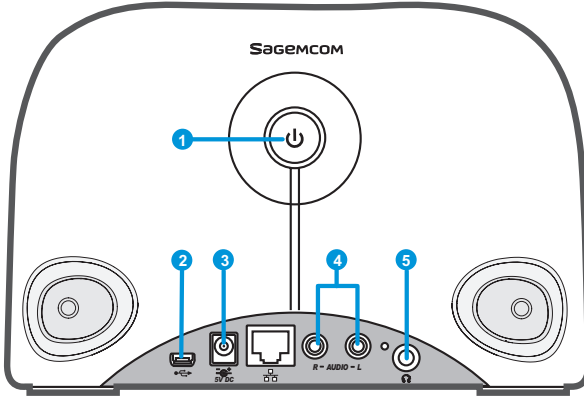
1.3 FRONT PANEL



1. Display Screen	Displays contents on the screen.
2. PRESETS	[1] Press and hold to display a list of available FM stations. [2] Press to activate auto/manual scan.
3. MODE	Displays the Mode menu.
4. VOL.	Enables volume control on the Wheel.
5. MENU	Displays the submenu.
6. STATIONS	[1] Press to displays the Favorite List [2] Press and hold to add/remove stations to/from the Favorite List.
7. Navigation Wheel	[1] In playback screen, rotate to increase/decrease the volume. Press to mute the audio volume. [2] Navigate in the menu list. Press to enter or confirm the highlighted item in the menu list.
8. C	Act as the BACK/CANCEL button in all display screen.
9. INFO	[1] While listening to an IP Radio music source, press to switch the display the music information. [2] While listening to the IP Radio, press and hold to set "auto tune", which allows you to set a tuned station to play again at a certain time.
10. SMART RANDOM SWITCH	Switch randomly to a new station.
11. SMART RANDOM THEME	Displays a list of all existing themes defined by Internet Radio.
12. Speakers	Provides music sound output.

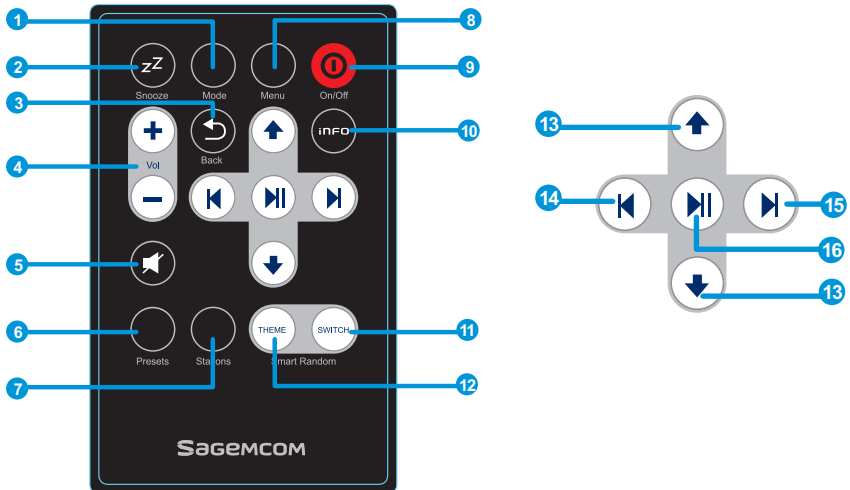


1.4 REAR PANEL



1. POWER	[1] Press to shut off the music source currently playing and put the device into the Standby mode. [2] Press and hold to put the device in the Power off mode.
2. USB Port	Connection to USB devices.
3. 5V DC Power Jack	Plug in the power adaptor.
4. Audio Line Out Jack Left/Right	Plug in external speakers.
5. Headset Jack	Plug in an external headset. Speakers do not function while headset is plugged in.

1.5 REMOTE CONTROL





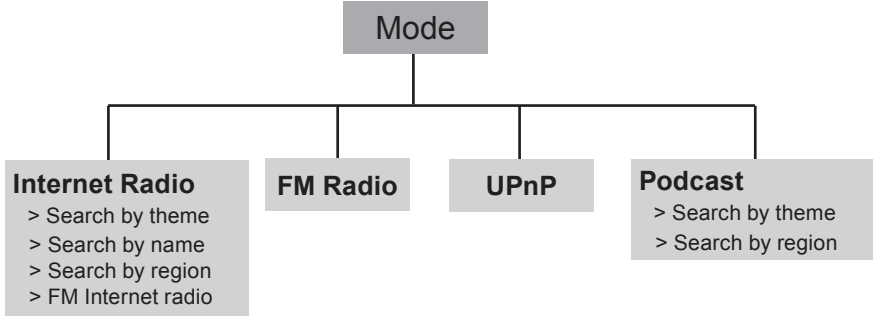
1. Mode	Displays the Mode menu.
2. Snooze/Sleep Timer	[1] Snooze - When the alarm is on, press to shut the alarm off and reactivate again later. [2] Sleep Timer - Set a screen off period of time and stop the current music source then enter the Standby mode .
3. Back	Act as the BACK/CANCEL button.
4. VOL +/VOL -	Enables volume control.
5. Mute	Mute all the sound.
6. Presets	[1] Press and hold to display a list of available FM stations. [2] Press to activate auto/manual scan.
7. Stations	[1] Press to displays the Favorite List [2] Press and hold to add/remove stations to/from the Favorite List.
8. Menu	Displays the submenu.
9. On/Off	[1] Press to shut off the music source currently playing and put the device in standby mode. [2] When the alarm goes off, presses this button to turn it off and go to the Standby mode.
10. Info	[1] While listening to an IP radio music source, press to switch the display music information. [2] While listening to the IP Radio, press and hold to set "auto tune", which allows you to set a tuned station to play again at a certain time.
11. Smart Random SWITCH	Switch randomly to a new station.
12. Smart Random THEME	Displays a list of all existing themes defined by Internet Radio.
13. UP and DOWN	Move to the previous/next item.
14. Previous	Menu list: go to the top of list.
15. Next	Menu List: go to next list.
16. Play/Pause/Select	[1] Menu List: confirm or enter the highlighted item. [2] FM Radio: stop music and go back to Mode menu. [3] IP radio/UPnP/Podcast: Play/ Pause



1.6 MENU STRUCTURE

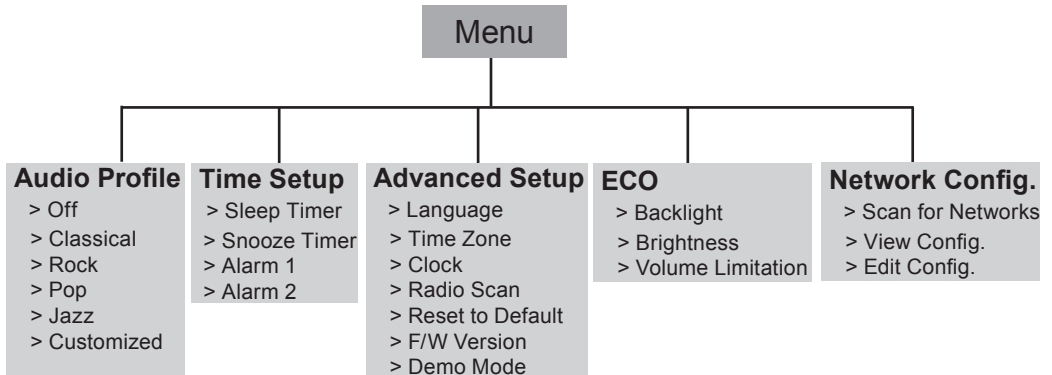
Press **MODE** to enter the menu:

(1) Internet radio, (2) FM radio, (3) UPnP, (4) Podcast.



Press **MENU** to enter the submenu:

(1) Audio profile, (2) Time setup, (3) Advanced setup, (4) ECO, (5) Network config.



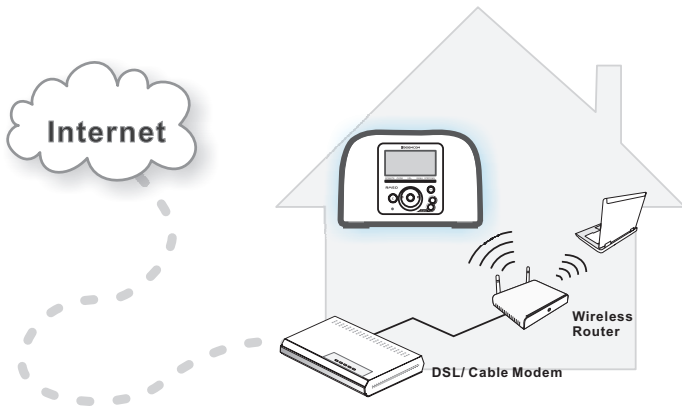


2. GETTING STARTED

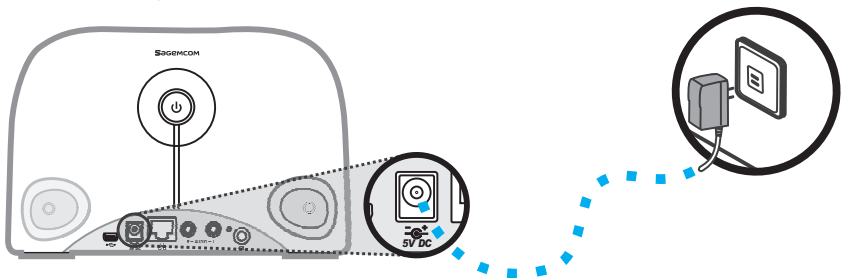
2.1 TURNING ON THE DEVICE FOR THE FIRST TIME

2.1.1 Network Environment

Please confirm that your wireless router or Access Point (AP) is connected to the broadband network. The diagram below describes the network environment that should be established to use your IP Radio.



2.1.2 Setting Up The device



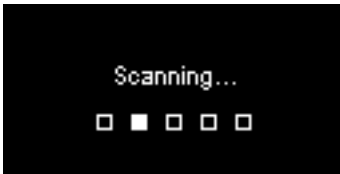
- (1) Plug the included power adapter into a wall outlet.
- (2) Connect the power adapter to the power jack on the rear panel of the device.
- (3) Press and hold the Power button on the rear panel to turn on the device.

After the device is turned on, a welcome screen appears.



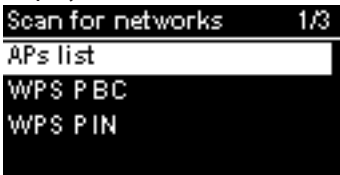
Note: Turning on the device for the first time will require you to set up the **Network, Language** and **Time Zone** for your device. Please follow the setup guide for proper setup.

The device will scan for network connection automatically.



2.1.3 After A Network Is Found

After scanning and a network connection is found, a **Scan for networks** menu displays:

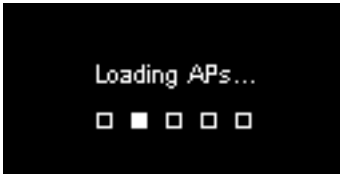


Rotate the **Wheel** to select the desired network connection method.



AP List

(1) Press the **Wheel** to select the AP list menu.



(2) Select a desired network from the list.



Note: If you have selected a network with a lock icon at the front, you must enter the password for the selected network.

On the text entering screen, rotate the **Wheel** to choose the characters or numbers from the list at the bottom of the screen. Press the **Wheel** to select the character.

Rotate the **Wheel** to select **End** to quit the edit screen and start connecting to the network.



WPS

The IP Radio supports WPS (WiFi Protected Setup). If your AP supports WPS as well, you can choose this network connecting method.

WPS PBC (Push Button Configuration):

(1) Press the WPS button on your AP.

(2) Select WPS PBC on the menu within the time limit (AP dependent) to establish a connection.





WPS PIN (Personal Identification Number): Use the PIN code to connect to the AP.

(1) Select WPS PIN on the menu.

(2) The PIN code is generated automatically or you can choose **Refresh** if you need to change the PIN code.



(3) Open the WPS configuration page of your AP on your computer, and then enter the PIN code to establish a connection.



2.1.4 Connection Established

If the network connection is established, continue adjusting the following settings:

Language

The device will automatically set up the local language. If you need to set up your own preferred display language on the device see step (1).

Choose **YES** to confirm the language selection.



(1) Choose **NO** to continue the Language setting.

(2) Rotate the **Wheel** to choose the desired Language.

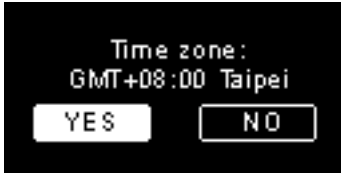


(3) Press the **Wheel** to activate the setting.



Time Zone

Select your time zone in the device to synchronize the date and time with the Internet. The device will automatically set up the local Time one. Choose **YES** to confirm the Time zone selection.



- (1) Choose **NO** to continue the Time zone setting.
- (2) Rotate the **Wheel** to choose your time zone.



- (3) Press the **Wheel** to activate the setting.

After the Network, Language and Time Zone settings are set, the menu screen will be displayed.



2.1.5 If The Network Is Not Found



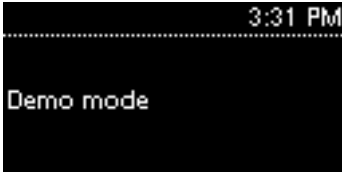
After scanning, if no network connection is found, a network error message appears for a few seconds and then the **Network Config.** menu will be displayed.

Please refer to **Setup** → **Network Config.** section in the manual for more details.



2.1.6 Demo Mode

If no action has been taken from the Network Configuration menu for 5 minutes, the device will display the Demo Mode with music. Press any button on the device, except the **Wheel** for volume adjustment, to quit the demo mode.



2.2 ADJUSTING THE VOLUME

While the device is playing music from any source, press the **VOL.** button and rotate the **Wheel** to the right will increase the volume and rotate it to the left will decrease the volume.

Warning: Always start playing music with volume setting farthest to the left to protect hearing. Or you can set up a limitation for volume, refer to **Volume Limitation** chapter for details.



2.3 TEXT ENTRY

For certain settings you will need to enter text. Follow the procedures below:

- (1) Rotate the **Wheel** to select the desired letters, numbers or symbols.
- (2) Press the **Wheel** to choose the highlighted item.
- (3) Rotating to select **End** to quit the edit screen.

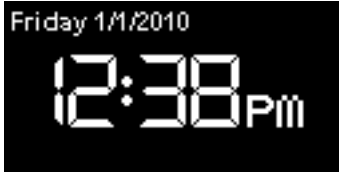
Or, pressing the Back button on the remote control to delete the input. Press and hold the Back button to quit the edit screen.





2.4 Standby Mode

While the device is playing from any music source, press **Power** on the device or **On/Off** on the remote control to stop playing from the music source and enter the **Standby mode**.



In the **Standby mode**, rotate the **Wheel** or press **SELECT** on the remote control will have no effects on the status of the device.

If the alarm has been set, the standby screen will display an alarm icon.



When the alarm is ringing, press **POWER** on the device or **On/Off** on remote control to turn alarm off.

If Snooze has been set, press **SNOOZE** on the remote control to shut the alarm off temporarily and it will automatically reactivate after few minutes (according to your settings in the **Setup** → **Time Setup** → **Snooze Timer** section.)





3. LISTENING TO MUSIC

This IP Radio device is a high-performance audio player that can play music from various types of sources. You can use it to listen to Internet radio from all over the world, local FM broadcasting services, and music files in your computer. The following explains how to listen to music using this IP Radio device.

3.1 LISTENING TO INTERNET RADIO

With the Internet radio function, you can listen to music or programs from Internet radio stations.

Rotate the **Wheel** to select and press the **Wheel** to activate the Internet Radio function in the main menu.



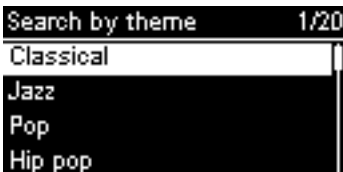
3.1.1 Search For A Station

When using this function for the first time, you will be asked to set your preferred display method by theme, name, region or FM Internet radio station. If you want to adjust the settings, press **PRESETS** on the device.

1. Search by theme:



(1) Rotate the **Wheel** to choose a theme from the available theme list.



(2) Press the **Wheel** to start loading the related stations.

(3) Rotate the **Wheel** to choose from the station list.

(4) Press the **Wheel** to start playing the selected station.



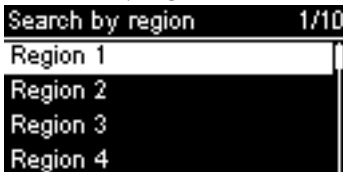
2. Search by name:

When you choose to search by name, a text edit screen will appear.



- (1) Rotate the **Wheel** to choose characters or numbers from the list at the bottom of the screen. Press the **Wheel** to select the character.
- (2) Choose **End** to quit the edit screen.
- (3) Press the **Wheel** to start loading the available stations.
- (3) Rotate the **Wheel** to select from the station list.
- (4) Press the **Wheel** to start playing the selected station.

3. Search by region:



- (1) Rotate the **Wheel** to choose a region and press the **Wheel** to select Region → Country → City lists.
- (2) Press the **Wheel** to start loading the available stations.
- (3) Rotate the **Wheel** to select from the station list.
- (4) Press the **Wheel** to start playing the selected station.

4. FM Internet radio:



If you do not want to search the stations, choose FM Internet radio to listen to FM radio stations that are broadcast via the Internet.

- (1) Press the **Wheel** to start loading the available stations.
- (2) Rotate the **Wheel** to select from the station list.
- (3) Press the **Wheel** to start playing the selected station.

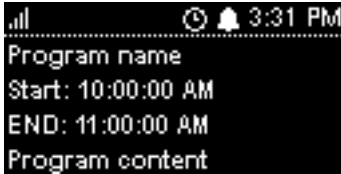


3.1.2 The Playback Screen

The playback screen of the Internet Radio (see diagram below).

Press the **INFO** button to display the program information you are listening to, the start time, the ending time and the program content.

Press and hold to set auto tune, which allows you to set a tuned station to play again at a certain time.



3.1.3 Key (and remote control) command on the playback screen

Power (⏻)	<ol style="list-style-type: none"> 1. Press to stop the music source currently playing and enter the Standby Mode. 2. Press and hold to connect to the AP automatically and then start to play the last tuned station.
PRESETS	Press to see the Internet Radio list or search engines.
C (↶)	Return to the Mode Menu.
Wheel	<ol style="list-style-type: none"> 1. Rotate to adjust the volume. 2. Press to mute the audio volume.
SMART RANDOM SWITCH	Press to switch randomly to a new station base on your theme settings.
STATIONS	<ol style="list-style-type: none"> 1. Press to view your Favorites List. 2. Press and hold to add/remove current station in the Favorites List.
SMART RANDOM THEME	Press to view the list of all existing themes defined by the Internet radio station.
INFO	<ol style="list-style-type: none"> 1. Press to switch the playback screen display. 2. Press and hold to set auto tune.

3.1.4 Adding A Station To The Favorite List

Please refer to the Favorite List chapter to add a station to the Favorite List.



3.2 LISTENING TO FM RADIO

With the FM Radio function, you can listen to music or programs broadcast from FM radio stations.

Rotate the **Wheel** to choose and press the **Wheel** to activate the FM Radio function in the main menu.



3.2.1 Search For A Station

(1) Press **PRESETS** on the device to start **AUTO/MANUAL** scan. Or press and hold it to scan all the stations available.

(2) Press the **Wheel** to switch between **AUTO** and **MANUAL**.

If the **Auto-scan** function is selected, rotate the **Wheel** to the left to auto-scan down, or to the right to auto-scan up the frequencies.

If the **Manual-scan** function is selected, rotate the **Wheel** to the left to scan down, rotate to the right to scan up the frequencies.

3.2.2 The Playback Screen

The playback screen of the FM Radio (see diagram below).

The screen displays the frequency of the FM radio channel you are listening to. If the FM station supports RDS information you will be able to read its RDS, such as station or the program name, on the screen.





3.2.3 Key (and remote control) command on the playback screen

Power (⏻)	<ol style="list-style-type: none">1. Press to stop the music source currently playing and put the device in the Standby Mode.2. Press and hold to connect to the AP automatically and then start to play the last tuned station.
PRESETS	<ol style="list-style-type: none">1. Press to start AUTO/MANUAL scan.2. Press and hold to scan and display a list of available FM Radio stations.
Wheel	<ol style="list-style-type: none">1. Rotate to adjust the volume.2. Press to mute the audio volume.
STATIONS	<ol style="list-style-type: none">1. Press to view your Favorites List.2. Press and hold to add/remove current station in the Favorites List.

3.2.4 Adding A Station To The Favorite List

Please refer to the Favorite List chapter to add a station to the Favorite List.



3.3 LISTENING TO THE MUSIC IN YOUR COMPUTER (UPnP)

With the UPnP function, you can listen to music or programs that are stored in your computer.

Rotate the **Wheel** to select and then press the **Wheel** to activate the UPnP function in the main menu.

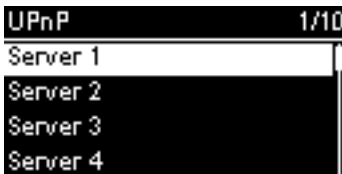


3.3.1 Search For A Media Source

With the UPnP function, you can listen to music or programs that are stored in your local area network (LAN).

When entering this function, the device will automatically detect media files from neighborhood servers.

(1) A list of your UPnP server will be displayed. Rotate the **Wheel** to select a server.



(2) Press the **Wheel** to activate the chosen server and choose the music source you would like to play.



If scanning cannot find any server, you will need to scan again or check the network settings.



3.3.2 The Playback Screen

The playback screen of the UPnP (see the diagram below).

The screen displays the artist name, album name, the playing time and duration time.



3.3.3 Key (and remote control) command on the playback screen

Power (⏻)	<ol style="list-style-type: none">1. Press to stop the music source currently playing and enter the Standby Mode.2. Press and hold to connect to the AP automatically and then start to play the last played music file.
Wheel	<ol style="list-style-type: none">1. Rotate to adjust the volume.2. Press to mute the audio volume.
STATIONS	<ol style="list-style-type: none">1. Press to view your Favorites List.2. Press and hold to add/remove current station to the Favorites List.

3.3.4 Adding A Station To The Favorite List

Please refer to the Favorite List chapter to add a station to the Favorite List.



3.4 LISTENING TO PODCAST

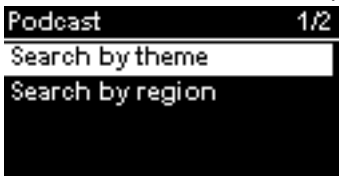
With the Podcast function, you can listen to music or programs that broadcast from Podcast.

Rotate the **Wheel** to choose and press the **Wheel** to activate the Podcast function in the main menu.



3.4.1 Search For A Station

Before listening to programs, you will need to search for the stations first. There are two search methods, chosen by rotating the **Wheel**:



1. Search by theme:

- (1) Select a theme from the available theme list.
- (2) Press the **Wheel** to start loading the stations.
- (3) Rotate the **Wheel** to choose from the station list.
- (4) Press the **Wheel** to start playing the selected station.

2. Search by region:

- (1) Rotate the **Wheel** to choose a region and press the **Wheel** to select from the Region → Country → City lists.
- (2) Press the **Wheel** to start loading the available stations.
- (3) Rotate the **Wheel** to choose from the station list.
- (4) Press the **Wheel** to start playing the selected station.



3.4.2 The Playback Screen

The playback screen of the Podcast (see diagram below).

The screen displays the program type, show description, Show format/language and country.



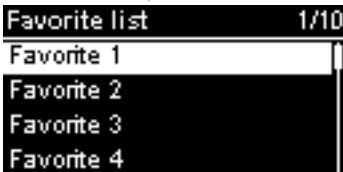
3.4.3 Key (and remote control) command on the playback screen

PRESETS	Press to see the Podcast list or search engines.
C (↶)	Return to the Mode Menu.
Wheel	1. Rotate to adjust the volume. 2. Press to mute the audio volume.


3.5 FAVORITE LIST

3.5.1 Adding A Station To The Favorite List

(1) In the playback screen, press **STATIONS** on the device or on the remote control to view the favorite list. From the list you can have access to your favorite stations easily.



(2) Press and hold **STATIONS** to save the currently playing station in the favorite list.

The  icon will appear on the screen when the station has been added successfully.

3.5.2 Removing A Station From The Favorite List

Press and hold **STATIONS** again to remove the station from the favorite list.



4. SETUP

In this menu, you can adjust IP Radio settings according to your own preferences. See sections below for more setting details.

Press **Menu** on the device to access this menu.



4.1 AUDIO PROFILE

In this section, you can set up an Audio profile.

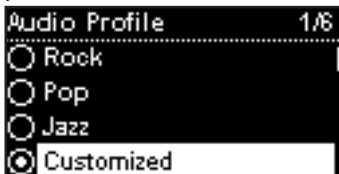


In the Audio Profile list, rotate the **Wheel** to choose a setting and then press the **Wheel** to select an item.

Note: The default Audio Profile is set to Off.

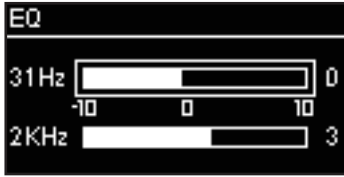


Rotate the **Wheel** to choose **Customized** for equalizer adjustments and then press the **Wheel** to select.



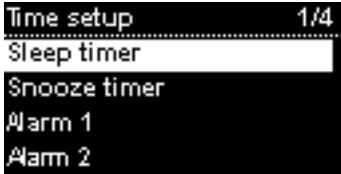


Rotate the Wheel to adjust the equalizer value and then press the **Wheel** to confirm the adjustments.



4.2 Time Setup

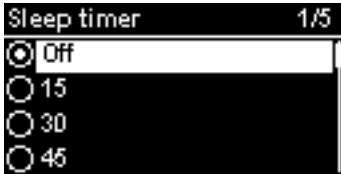
In this section, you can set up the Sleep timer or Alarm.



4.2.1 Sleep Timer

Sleep Timer function is used to set a screen off period of time and allows the device to enter the **Standby mode**.

Adjust the Sleep Timer setting by rotating the **Wheel** to choose a time and then press the **Wheel** to select or select Off to disable this function. The Sleep Timer choices are on "minutes" basis (15 mins, 30 mins, 45 mins, 60mins).



4.2.2 Snooze Timer

The Snooze Timer function is used to set the alarm sound options to Off, 1, 3, 5 or 10 minutes.



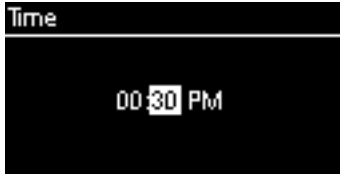


4.2.3 Alarm 1&2

Alarm function is for you to set up wake-up Alarms or to remind you of important dates or times. You can set up 2 Alarms.

Both Alarm 1 and Alarm 2 have the same set up method. Alarm 1 settings are as follows:

Time settings:



(1) Rotate the **Wheel** to choose, and then press the **Wheel** to select **On**.

(2) Rotate the **Wheel** to set Hours and Minutes.

Repeat settings:



(3) After the time is set, press the **Wheel** to bring up the Repeat setting page.

(4) Rotate the **Wheel** to choose, and then press the **Wheel** to select an alarm repeat setting "Once," "Everyday," "Weekly," "Weekdays," or "Weekend."

Note: When the alarm time has been set in another alarm already, you will see an "Alarm already set" message and the screen will go back to the first setting page to reset a time.

Sound settings:



(5) After the Repeat setting is set, press the **Wheel** to bring up the Sound setting page.

(6) Rotate the **Wheel** to choose and press the **Wheel** to select an alarm sound source from "FM," "Internet radio," or "UPnP." If you do not want to choose sound source, you can simply select "Buzzer" as your Alarm sound.

Note: If the sound source that you have selected is no longer available, the device will play a "Buzzer" sound instead.



4.3 Advanced Setup

The IP Radio provides more detailed settings for you to adjust according to your preferences.

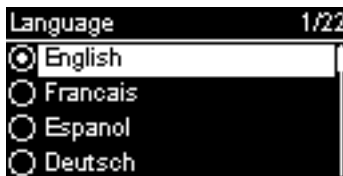
Press **Menu** on the device to access this menu.



4.3.1 Language

The IP Radio supports different languages. Select your preferred display language on the device.

(1) Rotate the **Wheel** to choose the desired language.



(2) Press the **Wheel** to activate the setting.

4.3.2 Time Zone

Set up the Time Zone for your IP Radio to display the correct time and allow the device to synchronize the date and time with the Internet.

(1) Rotate the **Wheel** to choose your time zone.

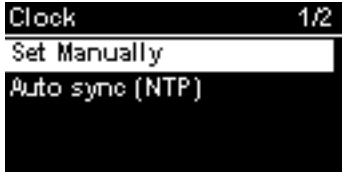


(2) Press the **Wheel** to activate the setting.



4.3.3 Clock

You can choose whether to set the clock manually or synchronize automatically with your IP Radio . The default method is Auto sync (NTP). Please confirm that you have the correct time zone set (refer to Time Zone section for settings).

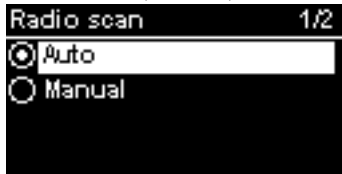


Set Manually:

- (1) Rotate the **Wheel** to choose Hours and Minutes on the Set Time page.
- (2) Press the **Wheel** to bring up the Set Date page.
- (3) Rotate the **Wheel** to choose the date.

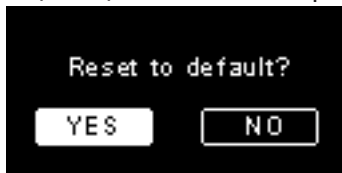
4.3.4 Radio Scan

Rotate the **Wheel** to choose whether to scan the radio stations manually or automatically while you are using the Internet Radio or FM Radio functions.



4.3.5 Reset To Default

This section allows you to return all your settings to default settings. If you choose Yes, you will lose all the personalized settings you have in Audio Profile, Time, and Advance setup.





4.3.6 F/W Version

This section displays F/W version information of your device.

F/W version	1/7
Service Pack:	_____
Serial number:	_____
Serial firmware:	_____
Application:	_____

4.3.7 Demo Mode

This section allows you to set the Demo Mode to **On** or **Off**.

Rotate the **Wheel** to choose, and then press the **Wheel** to select an option.

Demo mode	1/2
<input checked="" type="radio"/> On	
<input type="radio"/> Off	

Note: Refer to Getting Started chapter for Demo Mode details.



4.4 ECO

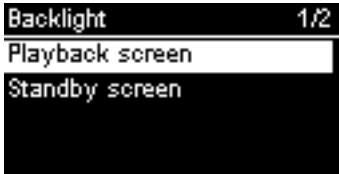
In this menu, you can select energy saving related (ECO) settings for your IP Radio.

Press **Menu** on the device to access this menu.



4.4.1 Backlight

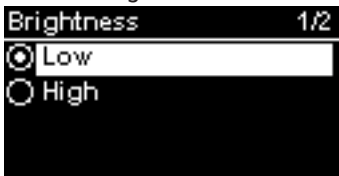
This section allows you to adjust the backlight duration time for your device.



- (1) Rotate the **Wheel** to choose whether to adjust for Playback screen or Standby screen.
- (2) Press the **Wheel** to activate.
- (3) Rotate the **Wheel** to choose a duration time period for the backlight.

4.4.2 Brightness

This section allows you to adjust the LCD Brightness based on your needs for best viewing.



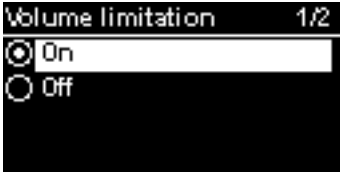
- (1) Rotate the **Wheel** to choose low brightness or high brightness.
- (2) Press the **Wheel** to activate.



4.4.3 Volume limitation

If you select volume limitation to **On**, when you adjust the volume, it will not increase till the loudest but to a certain volume limit. This helps to prevent a sudden loud sound.

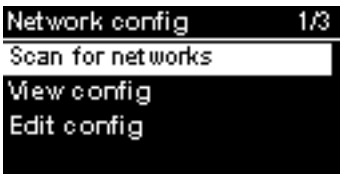
Rotate the Wheel to choose **On** or **Off** and press the Wheel to activate.



4.5 NETWORK CONFIG

As mentioned in the chapter **Turning On The Device For The First Time**, the device will automatically connect to the set network each time the device is turned on.

However, if you need to configure the network settings for your IP Radio, you will be able to do that in this section.

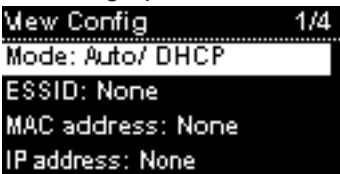


4.5.1 Scan For Networks

Please refer to the chapter **Turning On The Device For The First Time** for details.

4.5.2 View Config

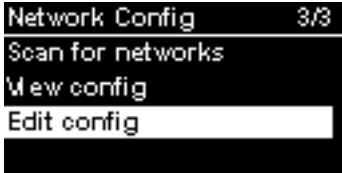
In this section, you can view your network information. If you need to configure the settings, please refer to Edit config. section for details.





4.5.3 Edit Config

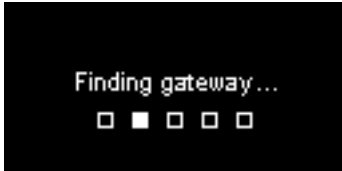
This section allows you to adjust your network settings manually. Rotate the **Wheel** to select Edit config.



You will be asked to choose whether to enable auto DHCP or not. DHCP allows the network connection to establish itself automatically each time you use your IP Radio.

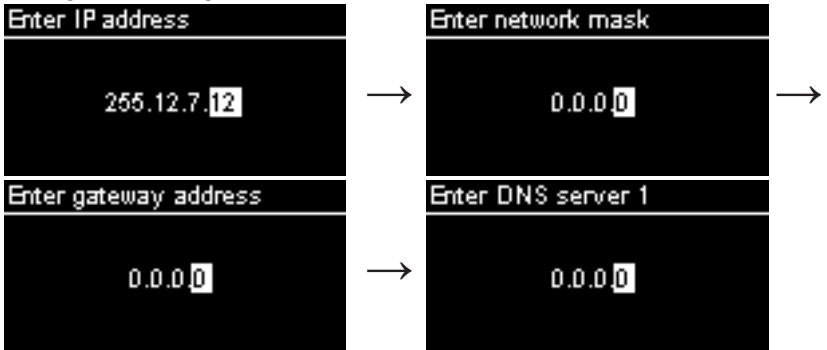


When you choose **YES**, the device will start to find a gateway automatically.



When you choose **NO**, you will need to setup the network according to your needs. Contact your network service provider for the IP address, network mask, gateway address and DNS server information.

(1) Rotate the **Wheel** to select the numbers, and then press the **Wheel** to go through the settings.





After setting up the network manually, you will be asked “Auto (DHCP)?” again. Rotate the **Wheel** to select No, and then press the **Wheel** to activate the new settings.





5. APPENDIX

5.1 Care and Maintenance

Turn off your IP Radio. Use a smooth and dry cloth to wipe. Do not use a rough cloth, powerful liquid cleaners, thinner painting, alcohol nor other solvents to clean. These products can damage your IP Radio.

5.2 Problems

Refer to the table presented below in case of an operational malfunction:

Problems	Remedies
The Remote Control does not function.	<ul style="list-style-type: none">• Confirm that the batteries are correctly installed.• Confirm that you are not too far from the Radio (7 meters are the maximum recommended) and that the infra-red sensor is not blocked.• Make sure that the remote control is well pointed towards the Radio sensor.
The screen is switched off.	<p>Confirm that :</p> <ul style="list-style-type: none">• The power adapter is properly connected to a power socket.• The power connector is properly plugged into the Radio.
Chosen station can not be heard.	<ul style="list-style-type: none">• To hear a station, you must confirm your selection by pressing the Wheel.• Make sure that your Radio is not set to the MUTE mode.• Adjust the volume level.• Confirm the network configuration.



Access denied to the Internet	Confirm the WiFi router, Livebox or the line connections.
Access denied to the Radio from a personal computer as an access point (Media Server).	Check that your Radio is not encoded or you must have the encoding key to access.
The alarm does not ring.	Check that the alarm source is configured well (for example: the mp3 player is disconnected,...).
Problem of the connection to the router.	<ul style="list-style-type: none"> • No DHCP server enabled. Please confirm router settings. • Incorrect WiFi encryption key is entered. Please double confirm the key and re-enter. • Trouble in the RJ45 port or WiFi module.
Not able to get IP Address.	<ul style="list-style-type: none"> • DNS has no response. Please ping the IP address of the DNS to confirm that it is the case. • DNS doesn't have a record of the Internet Radio server or radio station that you are trying to connect.
The connection between the radio and the Internet Radio station is not OK.	<ul style="list-style-type: none"> • Traffic jam for the Internet access. Please try later. • Internet Radio server is out of service or too heavily loaded to reply in time. • The authorization process has failed. Internet Radio server rejects the access request. • The streaming service of the radio station is unavailable or too heavily loaded. • The IP Radio doesn't support the service type of the radio station. • There is some buffering trouble on the Internet. The available bandwidth is not good enough to provide a stable stream from the radio station.
The IP Radio is booted normally but it doesn't get an IP address.	<ul style="list-style-type: none"> • No DHCP server enabled. Please confirm the setting of your router. • Incorrect WiFi encryption key is entered. Please double confirm the key and re-enter. • The network interface has difficulty.



In case of non receiving on the Internet, refer to the table here under:

What has been done with success	What could be the trouble ?
The IP Radio is booted normally. BUT NO SIGNAL BAR ON THE SCREEN.	The IP Radio does not obtain an IP address. 1. No DHCP server enabled. Please confirm the setting of your router. 2. Incorrect WiFi encryption key is entered. Please double confirm the key and re-enter. 3. The network interface has difficulty.
1. The network interface of the IP Radio is good. 2. The connection between IP Radio and router was OK. 3. The IP Radio already obtained an IP address. BUT ONLY ONE BAR SHOWED.	1. Cannot access the Internet radio server. 2. The DNS lookup for the IP address of the radio station failed. 3. Cannot obtain access to the router or Internet.
Connection between IP Radio and Internet radio server is OK. BUT ONLY TWO BARS SHOWED	1. Cannot obtain access to the radio station. 2. The radio station rejected the connection request.
Connection between IP Radio and radio station is OK. BUT ONLY THREE BARS SHOWED.	1. The streaming service of the radio station is unavailable or too heavily loaded. 2. The IP Radio does not support the service type of the radio station.
The connection between IP Radio and the radio station was OK. BUT ONLY FOUR BARS SHOWED.	There is some buffering difficulty on the internet. The available bandwidth is not good enough to obtain a stable stream from the radio station.



6. SPECIFICATIONS

Hardware and Port Characteristic	
Dimensions	31(H) x 200(W) x 69(T)mm
Unit Weight	470gm
CPU Memory	128MB NAND flash embedded 32MB SDRAM embedded
Front Panel Display	128x64 Graphic-based & Back-lighted LCD
Remote Control	IR function remote control
Audio Jack	2x 3.5mm mini-jack Audio output jack
USB Port	1x mini Type B
Input Power	DC 5V/2A

Environment, Certification and Reliability	
Operating Temperature	-5~+45 °C
Storage Temperature	-20~+60 °C
EMC/Safety	CE, CB



7. Environment

7.1 PACKAGING

Preservation of the environment is an essential concern of SAGEMCOM. The desire of SAGEMCOM is to operate systems observing the environment and consequently it has decided to integrate environmental performances in the life cycle of its products, from manufacturing to commissioning, use and elimination.

7.2 Batteries



The presence of the logo (green dot) means that a contribution is paid to an approved national organisation to improve packaging recovery and recycling infrastructures.

To facilitate recycling, please respect the sorting rules set up locally for this kind of waste.

7.3 The Product



The crossed-out waste bin stuck on the product or its accessories means that the product belongs to the family of electrical and electronic equipment.

In this respect, the European regulations ask you to dispose of it selectively:

- "At sales points in the event of the purchase of similar equipment.
- "At the collection points made available to you locally (drop-off centre, selective collection, etc.).

In this way you can participate in the re-use and upgrading of Electrical and Electronic Equipment Waste, which can have an effect on the environment and human health.