Internet Radio with Bluetooth

WR-210CB

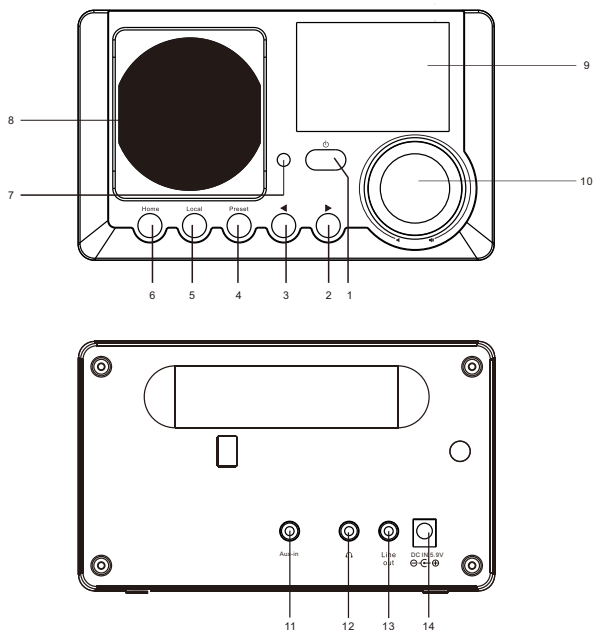Please read this user manual carefully before using the receiver.

Contents

1. Standby button
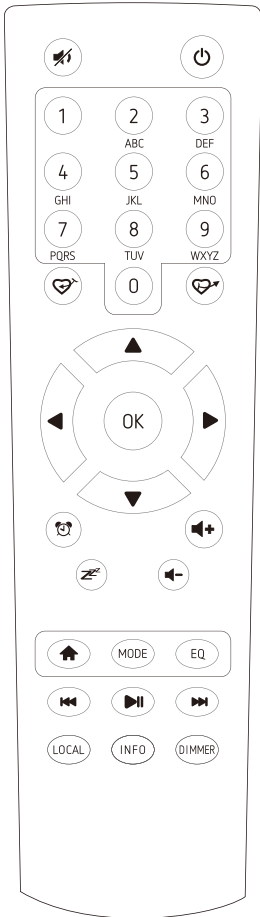2. Right button
3. Left / Back button
4. Preset button
5. Local button
6. Home
7. Infrared remote sensor
8. Speaker
9. TFT display 2.4"
10. Rotary control knob for Volume/Dial/Select – Rotate to adjust the volume/browsing menu, press the knob to select for confirmation
11. Aux-in jack
12. Earphone jack
13. Line out jack
14. DC IN jack

1. 🔇 : Mute

2. ⏻ : Standby button

3. **0-9**: Favorite station key / input letters and numbers for WiFi Encryption code

4. ❤ : Preset the current playing station to Favorite

5. ❤ : Recall the favorite list

6. ▲ : Cursor up

7. ◀ : Cursor left / back to previous menu

8. ▶ : Cursor right

9. ▼ : Cursor down

10. **OK**: confirm button

11. 🕰 : Alarm button

12. 💤 : Sleep Timer

13. **Vol+**: Volume up

14. **Vol-**: Volume down

15. ♠ : Main Menu

16. **Mode**: Switch between the modes of radio

17. **EQ**: Equalizer

18. ◀◀ : Previous station on the list / previous track on UPnP

19. ▶❙❙ : Play/pause for internet radio

20. ▶▶ : Next station on the list/next track on UPnP

21. **Local**: Access the local station list (Local area set up in Configuration)

22. **Info**: View the detailed information of the radio channel or music under UPnP.

23. **Dimmer**: Dim down the back-light of the display

Remote control character list

Key"0"—— 0,'DEL'

Key"1"—— '1'->'@'->' '（space）->'! '-> " (double quotes)
->'#'->'$'->'%'->'&'-> '（single quotes）->'（'
->'）'->'*'->'+'->', '->'-'->'.'->'/'->':'->';'->'<'->'='->'>'->'?'-
>'['->'\'->']'->'^'->'_'->'`'->'{'->'|'->'}'->'~'

Key "2"—— 2,A,B,C,a,b,c

Key"3"—— 3,D,E,F,d,e,f

Key"4"—— 4,G,H,I,g,h,i

Key"5"—— 5,J,K,L,j,k,l

Key"6"—— 6,M,N,O,m,n,o

Key"7"—— 7,P,Q,R,S,p,q,r,s

Key"8"—— 8,T,U,V,t,u,v

Key"9"—— 9,W,X,Y,Z,w,x,y,z

Note: press '→' to move to the next character and press 'OK'
button to confirm.

You can also press ↑ ↓ to change the character /number, then
press the right key to confirm the entry.

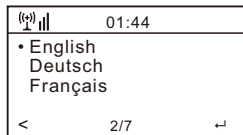After you finish the entry, press the select button to confirm.

Connect the main adapter to the radio unit, one end to the DC IN on the radio and the other end to the AC main wall socket.

Caution: Use only the main adapter supplied with the radio. Connecting a power supply with a different rating will cause permanent damage to the radio, and may be hazardous.

The display on the front of the radio will light up and show:

```
┌─────────────────┐
│                 │
│    Welcome      │
│                 │
└─────────────────┘
```
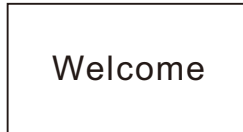
Then you can select your preferred language on the radio.

```
┌──────────────────────┐
│ ((•))ıl    01:44      │
│ • English            │
│   Deutsch            │
│   Français           │
│                      │
│ <       2/7       ↵  │
└──────────────────────┘
```
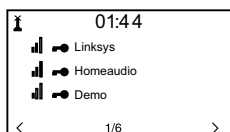
It will ask you if you want to Enable the **<Check Network when Power on>**; it is suggested to select **<Yes>**. Then, the radio will always check the available WiFi network automatically.

Connecting to your WiFi Network

The screen below will appear. You can select **<Yes>** to proceed to search for an available WiFi network. If your router has the WPS function, you can select **<Yes(WPS)>** to proceed.

```
┌─────────────────────────────┐
│ ☓    01:01                  │
│                             │
│ Would you like to           │
│ configure Network now?      │
│                             │
│ Yes   Yes(WPS)   NO         │
└─────────────────────────────┘
```
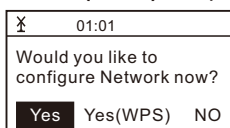
It will then start scanning the network. After the search is done, it will display a list of the available routers.

```
┌─────────────────────────────┐
│ ☓         01:44             │
│  � ➦ Linksys          │
│  ⏬ ➦ Homeaudio             │
│  ⏬ ➦ Demo                  │
│  <        1/6          >    │
└─────────────────────────────┘
```

Choose your router from the list and enter the WEP (Wired Equivalent Privacy) or WPA(WiFi Protected Access) code. If your network is not encrypted with the WEP or a WPA code, the unit will connect to the router automatically.
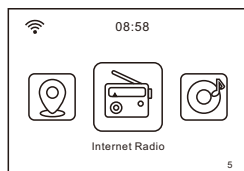
```
┌─────────────────────────────┐
│ 📶 ⏬     16:23             │
│ Enter Password              │
│ ■                           │
│           1/1               │
│  ← MOVE →  INPUT:↑↓  OK ↵   │
└─────────────────────────────┘
```

Note: The encryption code would have been set by the person who set up and configured your network.

Please follow the steps below to enter the encryption code of your router.
- Turn the rotary knob to browse the characters
- Press the **→ right** button to skip to the next entry
- After you're finished entering the code, press the Rotary knob to confirm.

The radio will start connecting to the network.
After the router is connected successfully, it will display the main menu as follows:

```
┌─────────────────────────────┐
│ 📶        08:58             │
│                             │
│  ┌───┐  ┌─────┐  ┌───┐     │
│  │ ◎ │  │ 📻  │  │ ◉ │     │
│  └───┘  └─────┘  └───┘     │
│        Internet Radio       │
│                         5   │
└─────────────────────────────┘
```

You can now start enjoying the internet radio.

Choose **<Internet Radio>** from the menu, and you will see several listed options.
To start listening to the radio stations worldwide, select **<Radio Station/Music>**.

My Favorites
This is to show the list of your Favorite stations which have been assigned to the presets.
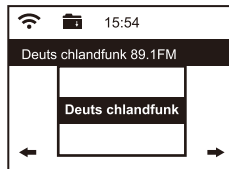
To preset a station:
While you are playing a favorite station, press and hold the **<Preset>** button and the **<Add to My Favorite>** menu will display. Press the rotary knob to confirm. The playing station will be added to the preset list automatically.

Press rotary knob to confirm
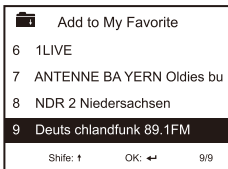
The symbol 📠 on the top row means station is added to preset list

The presets will be stored in ascending order. You can store up to 250 presets.
Note: Preset 1 to 5 are reserved for your own choice of the dedicated radio channels. The preset will be intended to store from no. 6 onward. You can scroll to choose no. 1-5 at your preference.

You can edit your favorite list at anytime. Go to **<My Favourite>** on the menu or press the **<Preset>** button when it displays the list of favorite stations, then press the -> **right button**. The following options will display:

Delete – To delete the selected station
Shift up- To shift the selected station by one level up on the
         ranking
Shift down – To shift the selected station by one level down on the
             ranking
Rename – To rename the selected station
Play – press and play the selected station

Internet Radio

Choose the radio station that you want to make changes to. Then press the Right key, and you will see a list with the above options. Then choose your desire action.

```
((ִַ)) ıl      iRadio
Delete
Shift Up
Shift Down

<        1/5        >
```

To recall a preset station:
Press the **<Preset>** button briefly and choose your desired station.

Radio Station / Music
Selecting this option allows you to find your desired radio station by Genre, Location., etc.

Local Radio
If you want to access quickly the radio stations located in your area, select this function, and it will display the list of the stations available in your area.

History
The radio will memorize the last 10 listened stations.

Service
Search Stations
You can find your desired radio station by entering the name of the station.

Add New Radio Station
If you cannot find your desire station from the Radio station list, and you have the streaming URL address, you can input the link here and add it to your favorites list.

When the radio station is playing, the display will show a color image transmitted from the radio station.

```
 📶            iRadio
.977 The 80s Channel

        977
        Music
        Internet Radio      →
```

Aux In

You can enjoy the music from other audio devices (such as smart phones, MP3 players, etc) by connecting the audio cable to the AUX IN connector at the rear of the unit.

DLNA

The Internet radio can stream music from DLNA compatible devices, provided that the Internet radio and other DLNA devices are under the same WiFi network.

The radio will be discovered as "AirMusic" when you try to search it on other devices. If you want to change to something other than AirMusic, go to Configuration and DLNA setup to make the change.

Bluetooth

1. The radio can receive and play music streamed by another Bluetooth device.

   Choose Bluetooth mode on the radio, and it will be discoverable on other Bluetooth devices.

2. Turn on Bluetooth on your device, and look up the device named "**WR-210**" from the list. Select it to start pairing.

3. If the connection is successful, it will show "**Connected**" on your Bluetooth device list.

4. You can start playing music from your Bluetooth device now.

Media Center

Any UPnP (Universal Plug and Play) enabled device (e.g. PC/Laptop with Windows Media Player) can stream music over the same WiFi network used by the radio to be played.
Start the music stream over the network by the UPnP enabled device and go to the Home location on the radio by pressing the Home button on the radio.

Use the ► or ◄ to select the Media Center function and the display will show a list of options:

1) *UPnP* – The radio will play the music being streamed over the network
2) *My Playlist* – Music to be played can be selected from a playlist
3) *Clear Playlis*t – The entries in the playlist will be removed

There can be more than one UPnP server streaming music over the network at the same time and after selecting UPnP a list of available servers will be displayed. If there are no UPnP servers found on the network Empty List will be displayed.

Weather

The radio provides weather information in Standby mode. To enable this feature, follow the steps below:

Go to **Information Center> Weather Information** and choose the region you want the weather information for. After region is selected, keep pressing OK (press the rotary knob) unit it shows **<Add to Standby Display>**, press the rotary knob to confirm.

The date/time and weather information will appear alternatively every 10 seconds under standby mode.

In standby mode, press ➔ **right button** to see the real time weather information.

Press the ➔ **button** again will show the forecast for the next 4 days.

Continuing to press the ➔ **button** will display the detailed weather information for each of the next 4 days. To view more details for a particular day, rotate the rotary knob to scroll down for more information.

Note: The weather is just for reference only. It may have deviations to the actual weather.

System Information

You can view the information of the radio, such as the Version of the software / WLan Mac / IP address, etc.

Configuration

Manage my Media U

You can tailor your own favorite station list using your computer.

1) Go to http://www.mediayou.net/ and sign up to become a member.

2) Then, you have to find out the Mac Address to register on the Media U website.
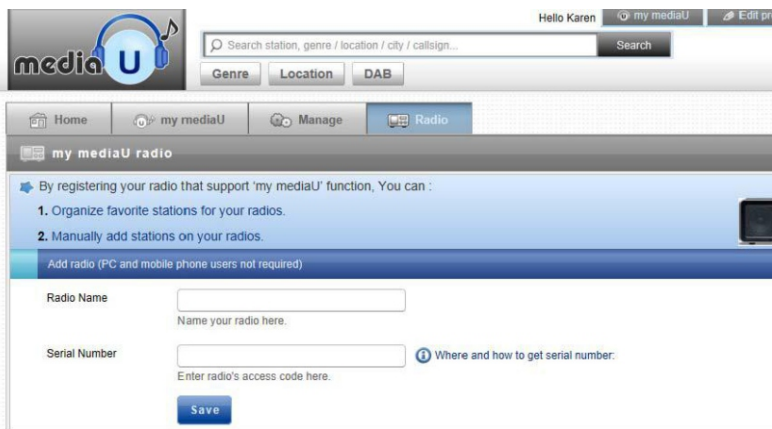
  To locate the MAC address, please follow the path below:

  2a) Go to Main Menu and select **<Information Center>**

  2b) Go to **<System Information>**

 2c) Choose **<Wireless Info>** and you will find your Mac address.

3) Log-in Media U on your computer, click **My Media U > Radio**, then input the Radio name and Serial number (i.e. MAC Address) and save it.


You can then organize your own favorite stations, or add any new station which is currently not found on the station list. Once the changes are done, your radio will synchronize the changes immediately, and you will find your favorite list under **<My MediaU>** on the radio menu.
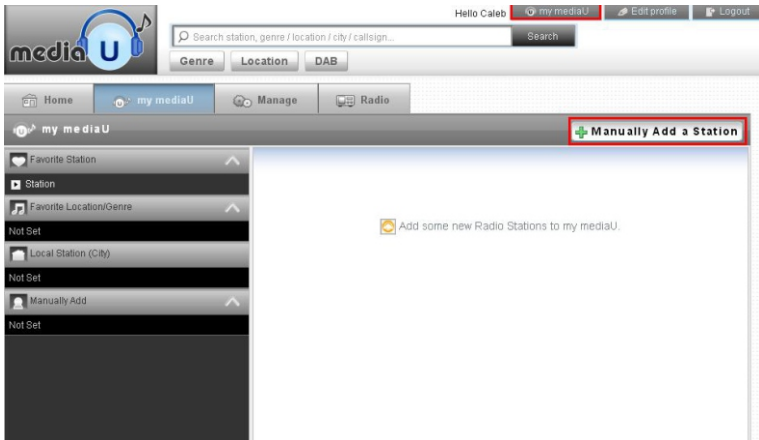
Note: If you are going to add URL which is not on Media U database,ensure the URL is a streaming URL or contact Media U to add it for you .
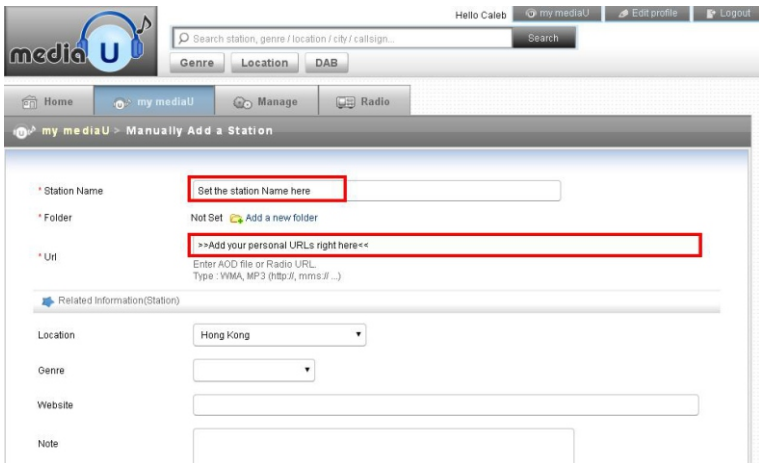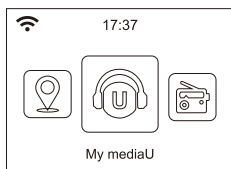

It allows a maximum 5 users to register with the same radio, and you can switch to listen the favorite list under one user at a time.

To find your added station / custom favorite list on the radio, go to: **Configuration > Manage my mediaU > Enable.**

Then, go to main menu and choose **<My Media U>**.

You will find listed options with your favorite list.

Whenever any update is done on your **<My Media U>** account, you have to disable the My Media U and enable it again to refresh and get the latest updated list. **(Configuration> Manage my mediaU > Disable>Enable)**

Network

Wireless Network Configuration

Press **<Enter>** to scan for wireless network list.

Wireless Network (WPS PBC)

The WPS allows to connect the radio with your router by pressing one key on the radio, and a WPS key on your router for WiFi connection, provided that your router has the WPS function.

Manual Configuration

You can set the DHCP on or off, and enter the SSID name, or delete the connected SSID.

Check network when power on

This is set to enable or disable **<Check network when power on>**.

Date & Time

The time is set automatically to your local area.

You can choose to manual set the time if you want.

Time Format setting

Time format setting: 12hours / 24hours

Date Format setting

Date format: YYYY/MM/DD, DD/MM/YYYY and MM/DD/YYYY

If manual setup is selected, you will see an added item **Daylight Saving Time(DST)** setting appeared on the list.

Alarm

Dual alarm clock

There are 2 alarm clocks available, and settings as follow:

Scheduling alarm: You can schedule the alarm to repeat every day, a particular day in the week, or just once.

Alarm sound: Wake to Radio (must be the preset station), Wake to Melody, and Wake to Beeping sound.

Alarm Volume: adjust your desired volume level.

NAP Alarm

If you would like to take a nap or need an alarm to sound in short time, you can use this function.

You can select the time from 5 minutes up to 120 minutes. No Snooze function available for the NAP alarm.

Note: The NAP Alarm will only use beeping sound.

Snooze

When the Alarm sounds, pressing any key except the **<Power>** button will activate **<Snooze>** mode. The alarm will sound again 5 minutes later. You can always press the **<Power>** button to cancel the alarm.

Note: In case there is network issue that causes the Wake to Radio function to not work, it will automatically use the beeping sound after 1 minute.

Language

There are 17 Languages available, such as English, German, French, Norwegian, Italiano, Svenska, Dansk, and others.

Configuration

Dimmer

You can adjust the back-light of the LCD with the below settings.

Power Saving

You can set the back-light to dim down when there is no operation for a certain time of period.

Turn on

You can adjust the back-light level for the operation mode, i.e. when you are operating the radio or checking on the menu.

Display

You can choose the display in color or monochrome style.

Power Management

This function is to allow the radio to go to Standby mode if there is no internet signal received in order to save power. The default setting is 30 minutes. When the radio does not receive any internet signal, the radio will go into Standby after 30 minutes. Other time frames for 5 minutes and 15 minutes are available.

Sleep Timer

You can set the timer to put the radio in standby after certain amount of time has elapsed, from 15 minutes to 180 minutes with 15 minute intervals.

You can also activate the setting with the **<Sleep>** button from the remote control. When you press **<Sleep>**, you can see the sleep timer on the top right corner of the display.

Buffer

Sometimes you may experience uneven playback of the internet radio. This can happen if the internet connection is slow or network congestion occurs. To help improve the situation, you can choose a longer buffer time to get a few seconds of radio streaming before beginning to play. The default value is 2 seconds. You can choose 4 or 8 seconds if you prefer to have a longer buffering time.

Weather

You can set to display the weather information in standby mode by choosing different regions and the temperature unit.

Local Radio Setup

The radio will detect your local area stations automatically. Simply press **<Local>** on the radio to access the radio stations in your local area. You can find it under the **<Internet radio>** menu too.

If you would like to change the Local area stations to other countries, you can choose "Manual setup" to make the change.

Playback Setup

This is to set the preference of UPnP playback. You can set the playback as Off, Repeat one, Repeat all, Shuffle.

Device

DLNA Setup

The radio can play music from DLNA compatible devices which connected to the same WiFi network as the radio. The radio will be discoverable by the DLNA devices by the name as "AirMusic". This is the name by default. You can change other name here as you desire.

Note: The DLNA feature is compatible and works with corresponding 3rd party Apps on the Android platform. Apple devices are not supported.

Remote App - AirMusic Control

Using your smart phone / tablet to control the radio by installing the App "AirMusic Control".

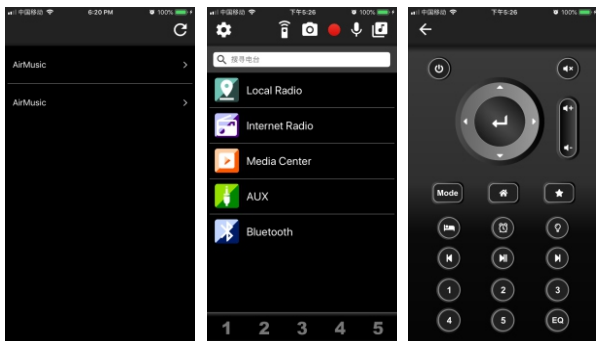It is available on Android Play store and iOS App Store. It's free of charge.

Both the radio and the device with the remote app installed must be on the same wifi network to work.

Search the App with the name "AirMusic Control"

You can also locate it by scanning the QR code below:

Configuration

Android:

iOS:

Equalizer
Select your preferred music styles.

Resume When Power On
The radio will resume playing the last listened station when you next power it on if ON is selected in this option. The ON is set by default.

Software update
Upgrade information will pop up on the display when there is an updated version available.

It is suggested to check if there is new software available from time to time.

Reset to default
You can do this factory reset to erase all of the settings, and change them back to default settings.

**Please note that all the Station presets, Settings and configurations will be lost if you perform the "Factory Reset".

1. If you have trouble connecting the radio to your wireless network, these steps may help to resolve the problem:
- Confirm that a WiFi or Ethernet Wired connected PC can access the internet (i.e. can browse the web) using the same network.
- Check that a DHCP server is available, or that you have configured a static IP address on the radio.
- Check that you firewall is not blocking any outgoing ports.
- Some access points may be set so that only equipment with registered MAC addresses can connect to them. This is one possible cause of the Internet Radio being unable to connect to the WiFi network, and the Internet Radio display will show Bad ESSID or key. To overcome this problem, you will need to add the Internet Radio's MAC address to the list of allowed equipment in your access point. The Internet Radio's MAC address can be found using the menu: **Information Center > System Information > Wireless Info > MAC address**. You will need to refer to the guide for your Access Point in order to enter the Internet Radio as an allowed piece of equipment.
- If you have an encrypted network, check that you have entered the correct key or passphrase into the radio. Remember that text-format keys are case sensitive.
- If your wireless network name(ESSID) is 'Hidden'(a setting on the wireless access point), then you can either turn on the name, or you can manually enter the name into the internet radio and media player, Select <Configure -> Network -> Manual Configuration-> Wireless -> Enter ESSID>. Confirm if the Network is encrypted, (e.g. requires a WEP or WPA key) then enter the network name.

2. 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 reasons:
- The station is not broadcasting at this time of the day (remember, it may be located in a different time zone).
- The station has too many people trying to connect to the radio station server, and the server capacity is not large enough.
- The station has reached the maximum allowed number of simultaneous listeners.
- The station is not broadcasting anymore.
- The link on the radio is out of date. This is updated automatically every day, so the next time you turn on the radio, the link will be recognized. In case it is still not updated, please contact MediaU for the update at

http://www.mediayou.net/web/index.php
- The internet connection between the server (often located in a different country) and yours is slow. Some internet service providers may fail to stream in certain geographical areas. Try using a PC to play back the stream via the broadcaster's website. If you can play back the station with a PC, please report to the customer service where you bought this radio. If you have a laptop, try connecting it if your Internet Radio cannot find the station.

3. When you scan for PCs under UPnP function, none can be found, or the PC you are looking for does not appear in the list:
- You have not connected to the Wireless Access Point. On the internet radio, select 'Configuration', 'Network ', 'Wireless network connection' and then select your Wireless network. (you may need to enter a security key to access the network wirelessly).
- You have a firewall set on your PC, which is stopping you accessing shared files.
- If you have a third party firewall (Like Norton, or Zone Alarm) that will have its own control panel, you will need to consult the manual for your firewall.
- If your PC is connected to a managed network with a server sometimes the PC being searched for needs to be set to Homegroup. See the instructions under Media Center.

4. You can see the PC you want to play music from, but cannot find any folders on the PC:
- You have a firewall running, which is preventing the internet radio from seeing the shared folder. As a quick check, you can disable firewalls like Norton to see if this overcomes the problem. If this resolves the issue, then you can either leave the firewall off, or allow file sharing through the firewall.
Note: If your firewall is required to provide security for your system, it should not be left off.

5. I can't share a folder , as the option is not highlighted:
The share folder option will not be available until you have turned simple file sharing on. Run the wizard.
Scan Error:
When the Internet Radio is scanning the content of the folders on a PC, it is possible that a scan error may occur if the windows file sharing application times out. This is most likely to

occur if both the PC with the media content and the Internet Radio are connected wirelessly.

Try re-connecting the PC with the media content into the network via cable. This will dramatically increase the speed at which the Internet Radio is able to scan the content of the Media PC.

Playlists:

Some media ripping applications allow 'Playlists' to be created. The Internet Radio is able to detect and stream these playlists, but they must be stored in the folder with the rest of the Media content and they must have the file extension ".m3u".

Windows Media player can create suitable playlist. Select 'create new playlist', drag and drop the tracks you want into the playlist, then use 'Save as' to ensure the file type is ".m3u". (existing playlists can be opened and re-saved in this format). When the Internet Radio detects you have playlists, it will enable a new menu option allowing the playlist to be selected and added to the queue.

If you re-connect to another PC or folder which does not have any playlists in the ".m3u" format, the playlist option will not be presented in the menu.

6. If the Internet Radio keeps re-buffering radio station:

- The Internet Radio is streaming the data from the radio station via your broadband connection. If there is a high error rate on your broadband connection, or the connection is intermittent, then it will cause the Internet Radio to pause until the connection is re-established and it has received enough data to start playing again.
- If your Internet Radio keeps stopping, please check the DSL modem to ensure that the Broadband line is not suffering a high error rate or disconnections. If you are experiencing these problems, you will need to contact your broadband supplier.

7. What is Buffering?

When playing a stream, the Internet Radio/Media player downloads a small amount of the stream before it starts playing. This is used to fill in any gaps in the stream that may occur if the internet or wireless network is busy.

If a stream gets blocked or experiences Internet congestion while transferring it may stop/interfere with the quality of play. If this happens, check your internet connection speed. It must be faster than the speed of the streams.

Technical Specification

Model	WR-210CB
Power input	5.9V ⎓ 1A
Power voltage	100-240V~50/60Hz
Wireless Network	IEEE802.11b/g/n
Security Protocol	WEP/WPA/WPA2
Audio output power	2.5W (RMS)
Audio sockets	3.5mm earphone jack 3.5mm Line out jack
Unit Dimension	164 x 98 x 98 mm (L x D x H)

Note: Specifications may vary without notice

What is included in the box

* Internet Radio
* Power adapter
* Remote control
* User manual

WEEE and Recycling

The European laws no longer allow any more the disposal of old or defective electric or electronic devices with the household waste. Return your product to a municipal collection point for recycling to dispose of it. This system is financed by the industry, and ensures environmentally responsible disposal and the recycling of valuable raw materials.

Ocean Digital Technology Ltd.
Flat B, 12/F., Yeung Yiu Chung (No.8) Ind. Bldg.,
20 Wang Hoi Road, Kowloon Bay,
Hong Kong
Email: support@oceandigital.com.hk