

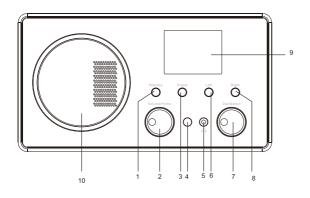
# **User Manual**

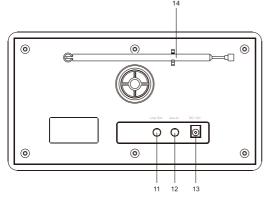




**WR-282CD** 

## **Location of Controls**





- 1. Standby button
- 2. Volume/Home
  Rotate to adjust the volume
  level/Press the knob to return

Ievel/Press the knob to return Home (main menu).

3. Preset

Long press to add to favourite list. Press it briefly to recall the preset list.

- 4. Infrared remote sensor
- 5. 3.5 mm earphone jack
- 6. Left

Left cursor/Press to return to previous menu.

7. Dial/Select

Rotate to browse the menu/Return to the station list/Press to confirm a selection.

8. Right

Right cursor/Press to return to the station list/View radio info

- 9. 2.4" color display
- 10. Speaker
- 11. Line out Jack
- 12. Aux-In Jack
- 13. DC IN Socket
- 14. Telescopic antenna

## **Remote Control**



- 1. **#**/: Mute
- 2. O: 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. z : 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. ▶II: 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 info of the radio channel or the music info under UPnP.
- 23. Dimmer: Dim down the backlight of display

## Remote control character list

Remark: press '▶' to move to 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.

## **Getting started**

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

Caution: Use only the mains adaptor 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:



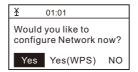
Then you can select your prefer language on the radio.

( <u>*</u> ) II	01:44	
• English Deutsch Français		
<	2/7	4

It will ask you if you want to Enable the **<Check Network when Power on>**, it is suggested to choose **<Yes>**. Then the radio will always check the available WiFi network automatically.

## Connecting to your WiFi network

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



It will then start scanning the network. After the search is done, it will display a list of the available router.



Choose your router from the list, enter the WEP(Wired Equivalent Privacy) or WPA(Wi-Fi Protected Access) code. If your network is not configured to be with the WEP or a WPA code, the unit will connect to the router automatically.



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

Please follow the steps below to enter the encryption code of your router using the buttons on the radio:

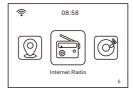
- Rotate the < Dial/Select> knob to browse the character
- Press the right button to skip to the next entry
- After you finish with the entries, press the **<Dial/Select>** knob to confirm. Do **NOT** press the right button again.

To use the remote control entering the password, please refer to the "Remote control character list" to learn how to select the characters. Press the "▶" button for the next entry, press "◄" button to delete the character or to amend it. When the last character is entered, press the <OK> button this time.

Do **NOT** press the "▶" button.

The radio will start connecting to the network.

After the router is connected successfully, it will display the main menu as follow:



You can now start enjoying the internet radio.

## Internet Radio

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

#### My Favorite

This is to show the list of your Favorite stations which have been assigned to the presets.

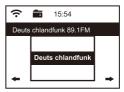
#### To preset a station:

While you are playing the favorite station, long pressing the **Preset>** button (  $\heartsuit$  on the remote) 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

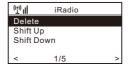


The presets will be stored in ascending order. You can store up to 250 presets.

Note: Presets 1 to 5 are reserved for your own choice of the dedicated radio channels. The preset will be stored from no. 6 onwards, you can scroll to choose no. 1-5 at your preference.

For DAB, you can store up to 100 presets. For FM, you can store up to 20 presets.

You can edit your favorite list anytime. Go to **Internet radio> My Favourite** or press the **<Pre>reset>** button ( **©**\* on the remote), 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

Choose the radio station that you want to make with the above changes. Then press the **Right** key, it will enter into the list with the options listed above. Then choose your desire action.

#### To recall a preset station:

Press the < Preset> button ( on the remote) briefly and choose your desire station

#### Radio Station / Music

Select this option, then you can select your desired radio station by Category, Genre or Location., etc.

#### Local Radio

If you want to access quickly the radio station 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 listened 10 stations.

#### Service

## **Search Stations**

You can find your desire radio station by entering the name of the radio.

#### Add New Radio Station

If you cannot find your desire station from the Radio station list and you have the URL address, you can input the link here and add to your favorite list.

Note: The URL has to be an audio streaming URL in order to play on the radio.

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



## **Media Center**

#### UPnP (Universal Plug and Play)

You can stream music from the Networked device which supports UPnP function to the radio to play.

For instance, most of the latest computer laptop supports UPnP, and you can stream music from Windows Media Player application on the computer and listen on your radio.

Please make sure your computer laptop is on the same Wi-Fi network as the Radio before you start using this function

- 1. If your PC is running Microsoft Windows XP, then you can use Windows Media Player 11(WMP11) to act as your UPnP (Universal Plug and Play) media server. (For Windows 7 or above, please download the correspond version of Windows Media Player). The latest Windows Media Player may be downloaded from Microsoft's website and install by following the instructions detailed in its installation wizard.
- Once installed, Windows Media Player will create a library from all the media files available to it on your PC.

#### 2.1 Windows XP / Windows Media 11

- 2.1.1 To add new media files to the library, select' File > Add to Library... > Advanced Options', Click 'Add' and choose the files you wish to add and click' OK'.
- 2.1.2 Now you need to connect your Internet radio to Windows Media Player 11 and configure it to allow the radio to access your media library. In order to this, you will need to do the following:
  - a. On the radio, go to the main menu and select < Media Centre > < UPnP >.
  - b. It will scan for all available UPnP servers. Note, this may take a few seconds for the radio to complete its scan and before the scan has completed, the radio will display '[Empty]'. The radio will continue to display '[Empty]' if no UPnP servers and found.
  - c. After a successful scan. Select your UPnP server, by rotating the dial if there

is more than one UPnP server, and then press SELECT.

2.1.3 Your PC will now prompt you that a device has attempted to connect to your UPnP server. In order to allow the radio to have access to the media files, you will need to click the 'Library' tab from Windows Media Player 11 and select the <Media Sharing> item to open the 'Media Sharing' window.

Selecting 'Media Sharing...' for Windows Media Player11:



2.1.4 From the 'Media Sharing' windows, the radio will be listed as an unknown device. Click on the unknown device listed, then click the 'Allow' button and then click 'OK'. Allowing the Radio to Connect:

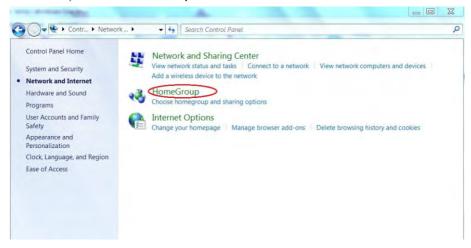


#### 2.2 Windows 7 / Windows Media Player 12

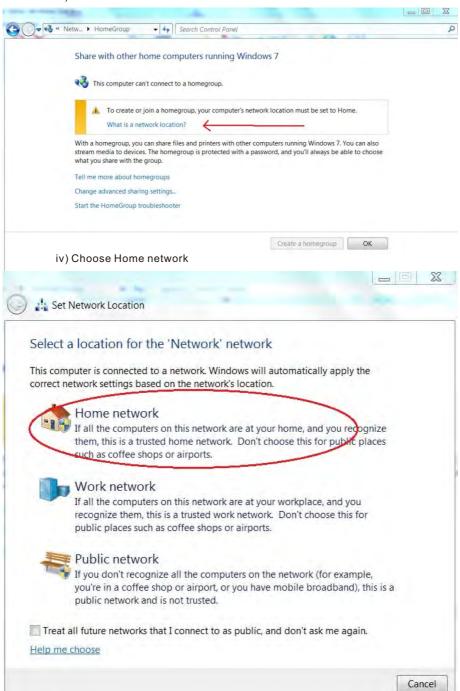
- 2.2.1 If you are using WMP 12, simply go to **<File>** and choose **<Open>** to retrieve the music files you would like to add to library.
- 2.2.2 Windows 7 or above requires the PC to be set as Home network and also with the Homegroup enabled to allow devices to access/ play the media files on your Windows Media Player. Please find the steps below:
  - I) Go to <Control Panel>, select <Network and Internet>



## ii) Choose < Home Group >



#### iii) Set the network location



v) Create a homegroup, then choose the kind of media file to be accessed, such as music..etc.



- vi) Launch the Windows Media Player, select **<Stream>** and choose **<Automatically allow devices to play my media>** from the drop down list. vii) You can now enjoy the music streaming from the windows media player.
- Windows Media Player File View Play Iools Help (3 ) Library Music All music "⊞ ▼ Search 0 - 0 Stream 

  Create playlist Allow Internet access to home media... Length Rating Contributing artist By Library Allow remote control of my Player... ■ Playlists ✓ Automatically allow devices to play my media... Fire (Infern. 4:30 COCCO Alicia Keys ► R&B More streaming options. Music K&B/SOU W Videos 2012 Pictures

#### Music streaming via UPnP

- 1. Once the UPnP server is configure to share media files with your radio, you can start music streaming.
- 2. On the main menu, select < Media Centre > and choose < UPnP >
- 3. It may take a few seconds for the radio to complete the scan for available UPnP servers. If no UPnP servers are found, it will show **<Empty List>**.
- 4. After a successful scan is done, select your UPnP server.
- 5. The radio will show the media categories available from the UPnP server, e.g. 'Music', 'Playlists' etc.
- 6. Choose the media files that you wish to play.

#### FM mode

You can listen to the ordinary FM radios

Choose the FM from the main menu or use the **<Mode>** button on the remote to switch to FM. To auto scan the next available FM station, press the **<Left>** or **<Right>** button, the radio will seek the next available station. If you want to fine tune the frequency, rotate the **<Dial/Select>** knob on the unit or press the  $\blacktriangle$  /  $\blacktriangledown$  button on the remote control.

#### Auto preset scan

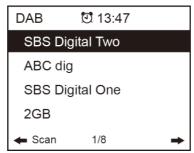
There is an option to auto preset the FM station. Press the **<Dial/Select>** knob (or **OK** button on the remote) and it will start scanning and preset the station. When it is finished, press the **<Preset>** button (  $\Theta$  on the remote) and it will display the first preset station. Rotate the **<Dial/Select>** knob to skip to the next preset. The preset can be superseded by a new station anytime.

## **DAB Mode**

You can listen to ordinary DAB channels.

Choose the DAB from the main menu or use the **<Mode>** button on the remote to switch to DAB.

If this is the first time you use the DAB mode, it will scan the DAB radio station automatically. It will display the DAB station list when the scan is done.



Choose the station you want to listen, and press the **<Dial/Select>** button (or **OK** button on remote) to confirm for playing. Press the **<Left>** button (or **◄** on remote) to return to station list. If you press the **<Left>** button (or **◄** on remote) again, it will display as follow. It allows for a re-scan of the DAB stations:



Choose **<NO>**to keep the existing station list and scan for any new stations.

Choose **YES>** to delete the existing station list and perform a full scan again.

Choose **<ESC>** to exit the current operation.

#### DAB Slide show

Our radio supports DAB slideshow. If there are images transmitted by the broadcaster, you will see the image appeared on the playing screen.

To start the slideshow, press the **<Right>** button (or the ▶ button on remote). The image will be enlarged to the full screen size. Press the **<Right>** button (or the ▶ button on remote) again, it will skip to display the radio information and scrolling text if any. Press the same

button to return to the normal playing screen.

To stop playing the station, press the **<Dial/Select>** knob (or **OK** button on remote). Whenever you want to resume to play, press the same button again.

## **Information Center**

#### Weather

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

Go to main menu, choose Information Center> Weather Information, choose the region you want it to display the weather information. After region is selected, press the <Dial/Select> knob (or OK button on remote) it will display the weather info of the selected region. Then press the same button again and it shows <Add to Standby Display>, select to confirm using the <Dial/Select> knob or OK button on remote. The weather info is enabled now to display in standby.

The date/time and weather info will appear alternatively every 10 seconds.

In standby with the analogue clock display, press the **right button** (or the ▶ button on remote) to see the real time weather information

Press the same button repeatedly to see the forecast for the next 4 days. To view more details for a particular day individually, rotate the  $\langle Dial/Select \rangle$  knob to scroll down for more information ( or the  $\triangle$  /  $\nabla$  button on the remote).

To refresh the weather information, press the State knob or OK button on the remote.

Remark: The weather is just for reference only. It may have deviation 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.

## Aux In

You can enjoy the music from other audio devices by connecting the audio cable to the AUX IN connector at the rear of the unit, such as mobile phone, MP3 player, etc.

## DLNA

The Internet radio can play music stream from DLNA compatible device, provided that the Internet radio and other DLNA devices are under the same Wi-Fi network.

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

#### Bluetooth

The radio receives and plays music streamed by other Bluetooth device.

Choose Bluetooth from the main menu or use the **<Mode>** button on remote to switch to Bluetooth.

Once it enters into Bluetooth mode, it will be discoverable from other Bluetooth devices.

- 1. Turn on Bluetooth on the Bluetooth device and look up the device named "WR-282" from the list. Select it to start pairing.
- 2. If the connection is successful, it will show "Connected" on your Bluetooth device list.
- 3. You can start playing music from your Bluetooth device now.

## Configuration

#### **Time Display**

You can choose the time display at Analog or Digital.

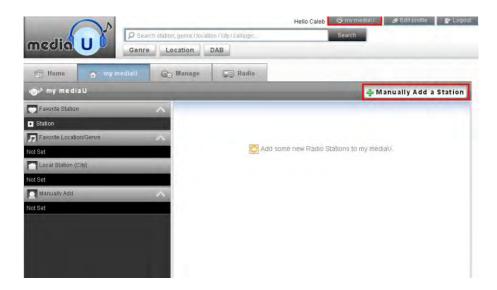
### Manage my mediaU

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

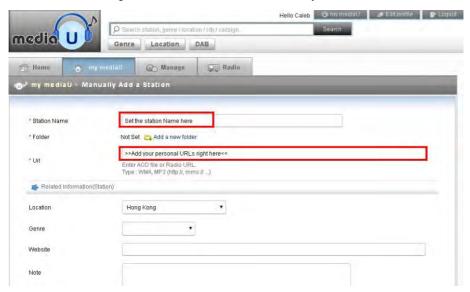
- 1) Go to http://www.mediayou.net/ and sign up to become a member.
- 2) Then you have to find out the Mac Address to register on the Media U website.
  To locate the MAC address, please follow the path below:
  - 2a) Go to Main Menu and select < Information Center>
  - 2b) Go to <System Information>
  - 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 an audio streaming URL or contact Media U to add it for you.



It allows 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.

Important: 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 the **<Dial/Select>** knob (or **OK** button on remote) to scan the available wireless network.

#### 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  ${\bf Daylight\ Saving\ Time}$  (  ${\bf DST}$  ) 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 repeated for every day, 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: select this option to adjust your desire volume level.

#### **NAP Alarm**

If you would like to take a nap or need an alarm to due 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.

Remark: The NAP Alarm will only release beeping sound.

#### Snooze

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

Remark: In case there is network issue renders the wake to radio not working, it will auto release beeping sound after 1 minute.

#### Language

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

#### Dimmer

You can adjust the backlight of the LCD with below settings:

#### **Power Saving**

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

#### Turn on

You can adjust the backlight 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 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 frame for 5 minutes and 15 minutes are available. You can choose to turn it off too.

#### Sleep Timer

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

You also can do the setting with the **<Sleep>** button from remote control, when you press **<Sleep>**, then 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 improving the situation, you can choose longer buffer time to get a few seconds of radio stream 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 and simply press the **<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.

#### **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 discovered by the DLNA devices with the name as "AirMusic". This is the name by default. You can change other name here as you desire.

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

#### Equalizer

Select your prefer equalizer to suit your listening preference.

#### Resume When Power On

The radio will resume playing the last listened station when you power it on next time 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 update version available. It is suggested to check if there is latest software available from time to time.

#### Reset to default

You can do this factory reset to empty all of the settings and it comes back to default settings.

\*\*Please note all the Station presets, Settings and configuration will be lost after you have performed the "Factory Reset".

## **Trouble Shooting**

- If you have trouble connecting the radio to your wireless network, these steps may help to resolve the problem:
  - Confirm that a Wi-Fi 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 Wi-Fi 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 you 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 attach 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 link will be recognised. In case it is still not updated, please contact MediaU for the update 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 web site. 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 and 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 Home group. 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 fire wall.

Note: If you firewall is required to provide security for your system, it should not be left off.

## 5. 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 reestablished 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.

#### 6. 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 the 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-282CD

Wireless Network: IEEE802.11b/g/n Security Protocol: WEP/WPA/WPA2 FM frequency range: 87.5-108MHz

DAB frequency range: 174.928MHz (5A) - 239.200MHz (13F), support DAB and DAB+

Bluetooth: 3.0

Power input: 12V = 1A

Power voltage: 100-240V~50/60Hz Audio output power: 5W (RMS) x 1

Audio sockets: 3.5mm earphone jack, 3.5mm Aux-in jack, 3.5mm Line out jack.

Unit Dimension: 220 x 114 x 120 mm (L x D x H)

Remark: Specification may vary without notice

#### What is included in the box

\* Internet Radio

- \* Power adaptor
- \* Remote control
- \* User manual

### **WEEE and Recycling**



The European laws do not 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 the ensures environmentally responsible disposal and the recycling of valuable raw materials.

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