

FM / Internet digital radio

BC-BC-800WF

User Manual

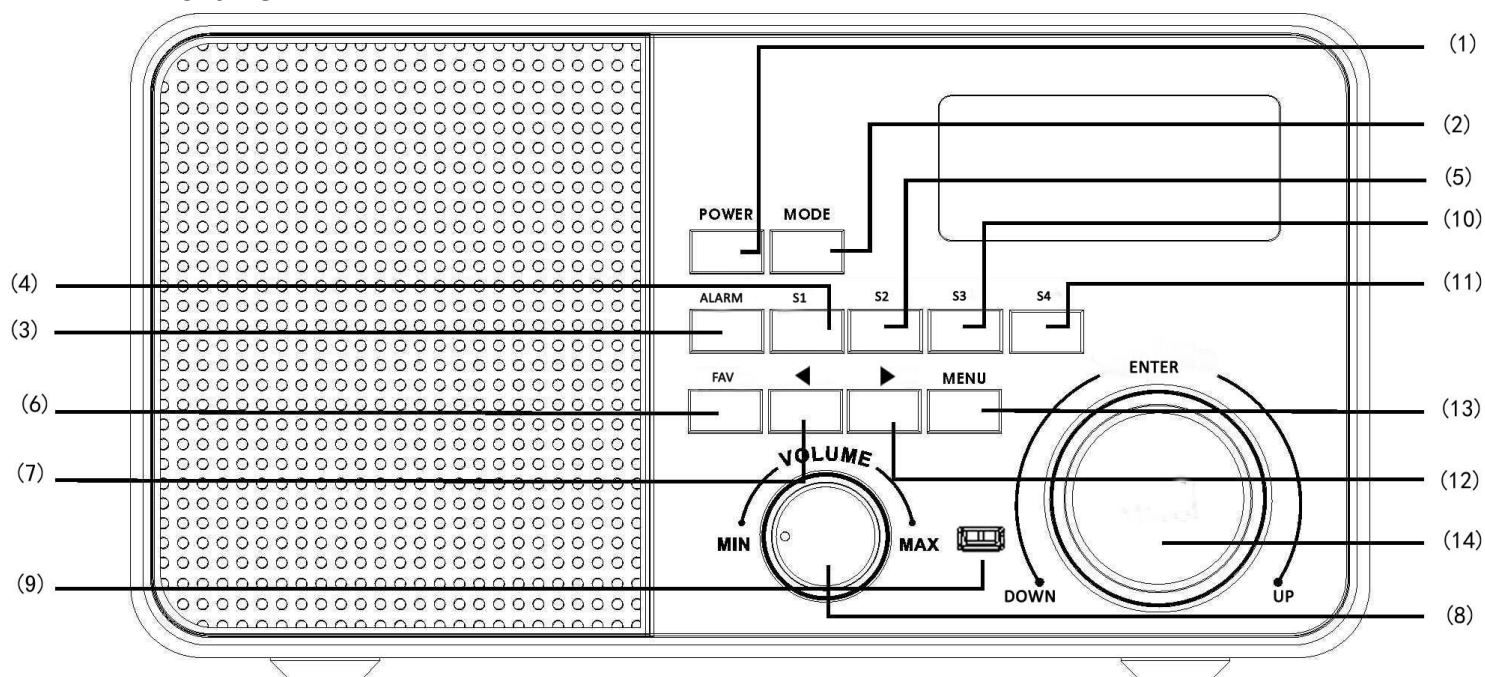


Thank you very much for buying the BC-800WF. In order to let you freely operate the product and fully enjoy the overbalancing happiness it brings you, we have introduced each function of the player in detail in this user manual. Please carefully read this user manual before use and keep for future reference.

Note: Particular specifications are subjected to change without prior notice

1. Appearance and Key Descriptions

Front View



No.	Description	Functions
1	POWER	Power on/standby control
2	MODE	Press to change among iRadio-FM-Aux-UPnP-USB
3	ALARM	Set up Alarm
4	S1	Preset station No. 1, press and hold to store, press to recall
5	S2	Preset station No. 2, press and hold to store, press to recall
6	FAV	Press and hold "FAV" key to save preset, press "FAV" to recall the preset station
7	◀	Back; Press "◀" key to search previous station in "FM" mode,
8	VOL	Rotate the "VOL" key to the right to increase the volume or to the left to decrease the volume
9	USB	USB port
10	S3	Preset station No. 3, press and hold to store, press to recall
11	S4	Preset station No. 4, press and hold to store, press to recall
12	▶	Forward; Press "▶" to search next station in "FM" mode
13	MENU	<p>The "MAIN MENU" allows you to enter different operating modes("Internet Radio" mode; "Media Center" mode; "FM" mode; "Information Center" mode; "AUX" mode; "Configuration" mode)</p> <p>The "MODE MENU" show the function available within the context of each of the operating mode.</p> <p>Press the "MENU" key at anytime will take you to the mode menu of the operating mode your radio is currently in. Each mode menu includes an option "MAIN MENU"-selecting this option will return you to the main menu.</p> <p>Press to back to the playing screen.</p>
14	ENTER	Rotate the "ENTER" key to scroll up/down through menu options. Press the "ENTER" key to confirm your selection of a menu option. In "FM" mode, rotate "ENTER" key to auto search the stations.



Remote Control

Insert 2PCS “AAA” batteries

NOTE: “AAA” Included on packing

1.1. About Music streaming

AirMusic is the default device name for DLNA, and you may rename it as you like.

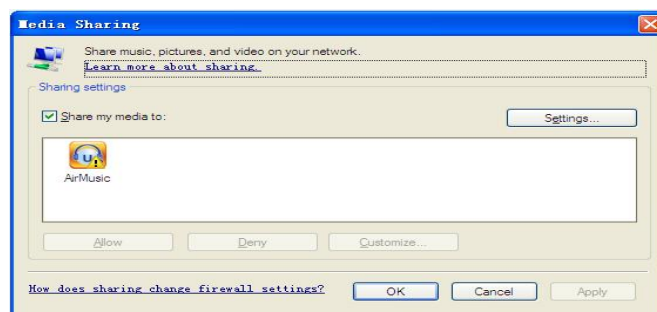
The information below is the introduction of how to setup up media streaming from PC or other media server. Study the own instruction of the software or apps you use to enjoy music streaming if necessary.

Make sure the music files are in the format of MP3, WMA, WAV or AAC for music streaming to BC-800WF.

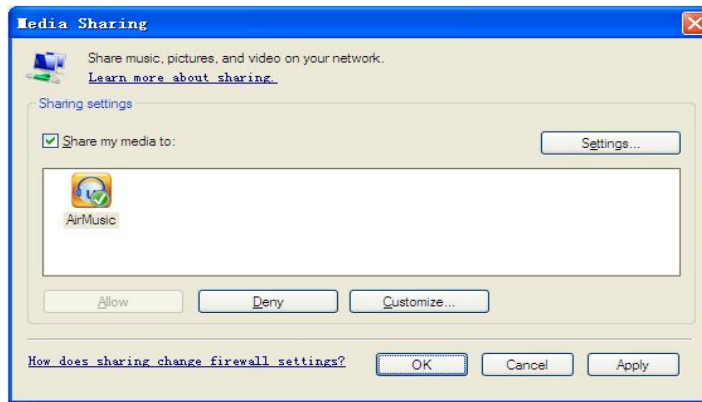
Refer to section 7 for the details of the control on BC-800WF for music streaming playback.

1.2. Get UPnP Ready

- To enjoy the streaming music from PC, the following steps are to be done on the PC:
 - Connect the PC to the network.
 - Ensure the BC-800WF is powered on and connected to the same network.
 - Open the UPnP platform **Windows Media Player** (10 or later). Alternatively, other platforms or server such as **Windows Media Connection** may be used.



- Allow to share your media to **AirMusic** (BC-800WF).



- Add the audio files and folders you want to share with BC-800WF to the media library.

You may also enjoy the streaming music from other music server, such as smart phone (**Android** platform):

- Connect the mobile to the network
- Search and install media sharing apps from **Android** market.
- Add the audio files from your mobile you want to share.

After setup the shared server, choose the music and control playback on the BC-800WF.

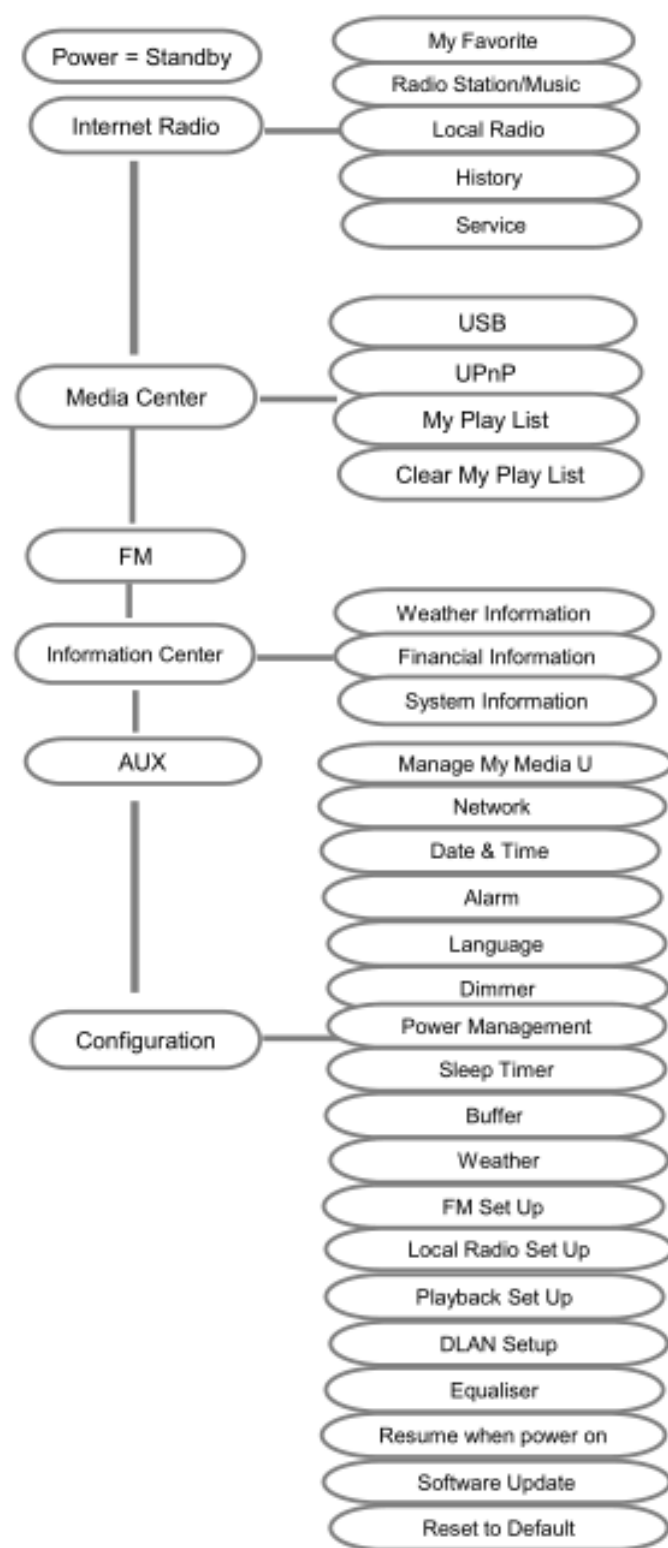
1.3. About Airmusic APP Control

- Direct download Airmusic APP on mobile phone.
- Connect the same router.
- After that can operation from the mobile phone



2. BC-800WF Functions

Overview



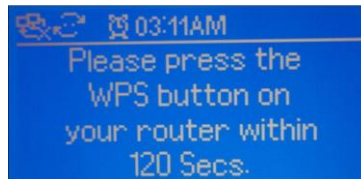
3. Configuration

3.1 Network setting

- Wireless Network Configuration

Enable / disable WiFi network. When you enable the WiFi network, the system will automatically search the available AP.

- Wireless Network (WPS PBC)



- Manual Configuration

You can choose DHCP (which IP assigned automatically) or manually input IP address for wireless network connection.

- Check Network when Power On

Enable / disable network.

3.2. Date & Time setting

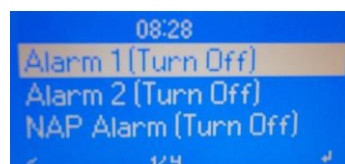
Setup the date and time; set time format display as **12 Hour** or **24 Hour**; set date format in the positions of **YY** (year), **MM** (month) and **DD** (day) - YY/MM/DD, DD/MM/YY or MM/DD/YY.

Turn on/off the Daylight Saving Time (DST). If your country is under summer time that please set Daylight Saving Time (DST) in ON.



With a wireless network connected, **GMT (+01:00)** time is a time reference of time setting. Add or deduce the hour according to your time zone when you set the time.

3.3. Alarm setting



There are three independent alarms - 2 alarms of absolute time setting (**Alarm 1** and **Alarm 2**)

and 1 alarm for relative time setting (**Alarm NAP**). Press **Alarm** on the remote control to enter this menu directly.

After **Alarm NAP** is set, it alarms once in 5/10/20/30/60/90/120 minutes depending on which one you have set.

When the alarm(s) is/are set, there will be a clock icon at the top of the display. The clock icon with alarm time will also clearly display on the standby mode screen.

During alarm, press **POWER** to stop the alarm.

3.4. Language setting

SELECT the OSD language: English, German, French, Nederland, Russian, Swedish, Norwegian or Danish.

3.5. Dimmer setting

Configure the brightness of backlight on the display.

3.6. Power management setting

Turn off or set the power off on 5/15/30 minutes

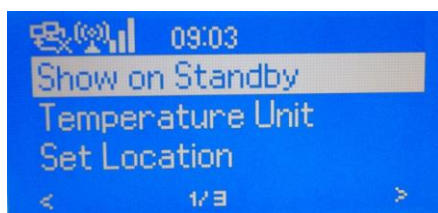
3.7. Sleep setting

Turn off or set the sleep time of 15/30/60/90/120/150/180 minutes. Once the time is set, there will be a bed icon with remaining minutes at the top right corner and BC-800WF will turn to standby then. Press **Sleep** on the remote control for the shortcut of this function.

3.8. Buffer setting

Configure the buffer time of the music playback, 2/4/8 seconds.

3.9. Weather setting

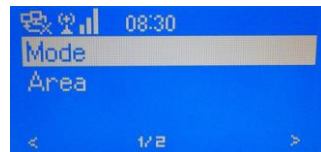


BC-800WF is able to display current weather information under standby mode.

Turn on Standby Display and set Temperature Unit (°C or °F) to get the weather displayed at the standby mode. Set Location is to choose which city you want to show during standby.

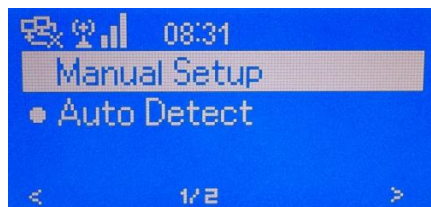
When it is turned on, the current time and the current weather will display in alternative 10 seconds.

3.10. FM Setup



Choose Mono/Stereo and **ENTER** the FM broadcast band (**Japan: 76 - 108.0 MHz**; Other Area: 87.5 -108.0 MHz).

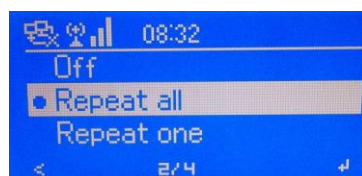
3.11. Local Radio Set Up



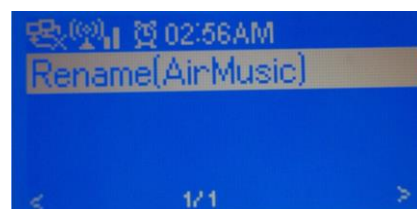
Default is Auto Detect.

3.12. Playback Set up

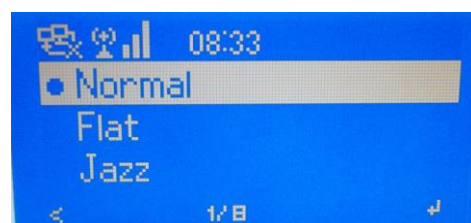
To set the playback mode of UPnP - Repeat all, Repeat one, Shuffle, or Off (play once only).



3.13. DLAN set up

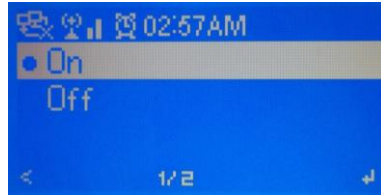


3.14. Equaliser



Default equalizer is Normal, you may change to Flat, Jazz, Rock, Movie, Classical, Pop, or News.

3.15. Resume when power on

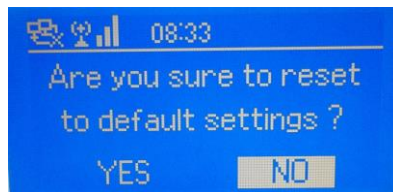


3.16. Software Update

Update software. If there is an updated software version on the server, the system will notify you when you return to the main menu.

3.17. Reset to Default

Restore the default settings. All stored WiFi access information, Internet Radio user login and FM presets will be deleted. Be aware of this before reset.



After BC-800WF is reset, the system will move to **Language** setting menu. And it will automatically turn to **Network** setting menu once the OSD language is selected.

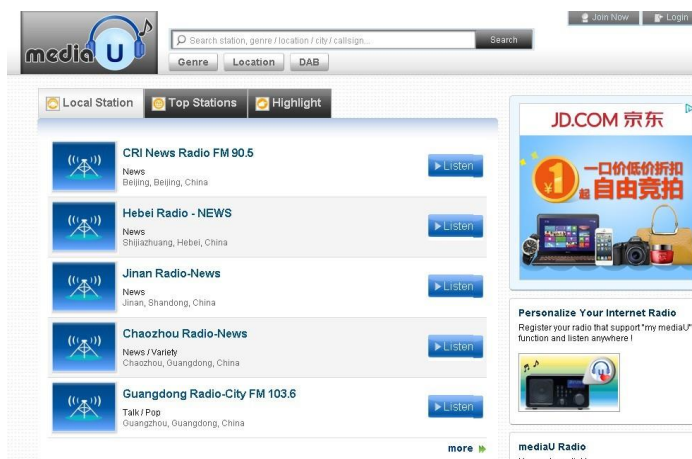
4. Internet Radio

Display and playback your own Internet Radio station list on the Internet Radio server.

To activate your own station list, follow the steps below:

1. Access <http://www.mediayou.net/>
2. Click Login and register;
3. Login to the website;
4. Enter your user name, password, email address and zip-code(if any);
5. If it is successfully registered, you will receive an email from the support team.

You may input the login to BC-800WF then. You may also login the website to manage your station list.

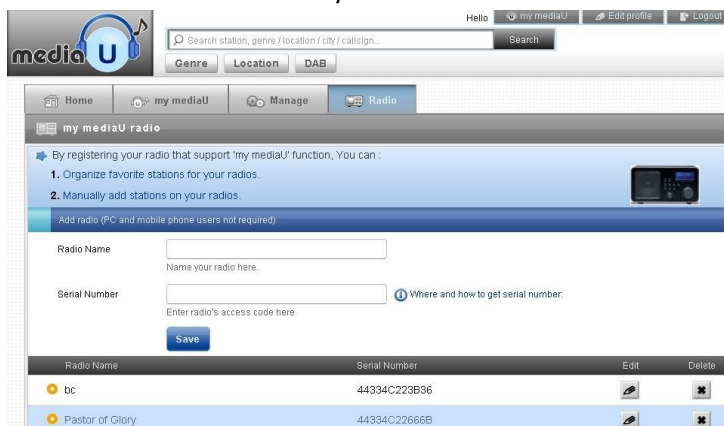


6. My mediaU Device

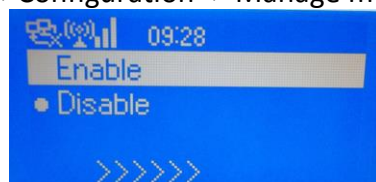
To use 'my mediaU' function on internet radios that support mediaU, you don't need to enter your mediaU username/password on them. Simply register on mediaU and it will sync your 'my mediaU' setting (favorite stations, manually add ...) to the device.

- 1) Input Radio MAC address to PC in order to sync

By Pressing MENU-> information Center->System Information->Wireless Information->MAC address N0 to find MAC

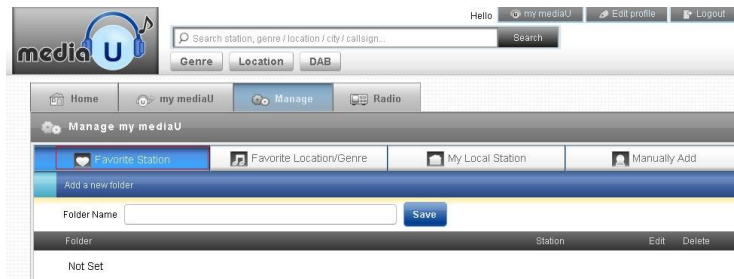


- 2) Press MENU->Configuration -> Manage my mediaU -> Enable



7. Favorite Station

Save you favorite stations here, and you can also create different directories for easy management.



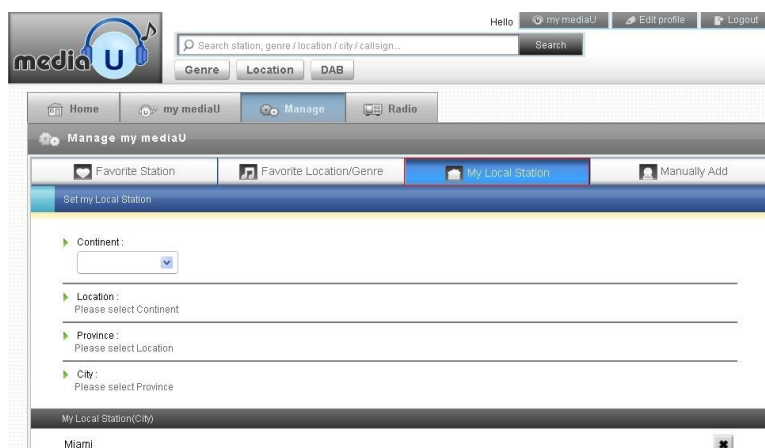
8. Favorite Location / Genre

Save you favorite Location/Genre (can be combination) here.



9. My Local Station

Setup the city you live and it will list the stations of that city.



10. Manually Add

Here you can manually add AOD, Podcast or personal stations that are not listed in mediaU.



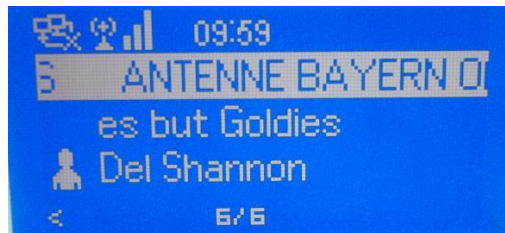
Tips: If you go back to the menu when playing a station, volume cannot be adjusted by the reel, use the volume keys on the remote control instead. Otherwise, you may stop controlling the

system, it counts 10 seconds and return to playback display automatically, then you are able to adjust the volume.

4.1. Browse Preset (FAV)



Press and hold button “FAV” to store favorite stations. You can store 250 favorite internet radio stations. Press “FAV” or figures on the remote control to recall FAV stations.



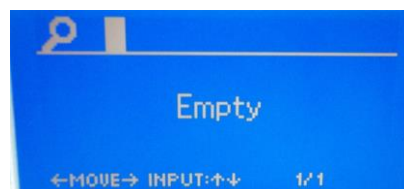
Noted: Press and hold S1-S4 to store top 4 favourite station, press S1-S4 to recall.

4.2. Browse Stations

View the station list by the following categories: **My Favorite, Radio Station/Music, Local Radio, History.**

For each station, press **ENTER** to play directly. You may press **►** to enter its submenu (configuration).

4.3. Search Radio Station



Enter your keyword to search radio station from the list.

4.4. Add New Radio Station

Input radio URL



Notes: 1. The radio will come to standby mode in 15 minutes when network is weakness.
2. The radio will come to standby mode in 15 minutes when mute

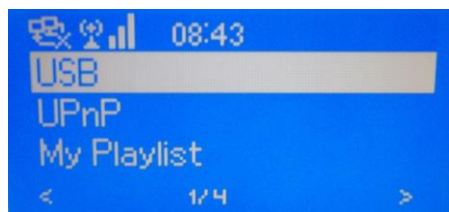
4.5. History

A list of last listened stations.

For each station, press **ENTER** to play directly. You may press **▶** to enter its submenu - you can **Add to Preset**, **Auto Scan**, **Play** or **Use as Alarm Sound** (if you chose internet as alarm sound in alarm configuration).

5. Media Center

5.1. UPnP



If you have set up shared media, you should see the shared media from **UPnP**. If you have more than one computer sharing media, the alternatives are listed. **SELECT** the shared media you want to play.

Rotate **“ENTER”** button to songs list, press **“ENTER”** key to play selected song

Press ◀ and ▶ on the remote control to play previous/next music track, press to Pause or play. Press ■ to stop the music. ▶▶

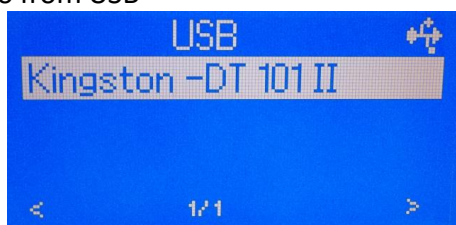
Tips: The radio can only read the track with the file name less than 40 characters. And the characters should be in European language. If you encounter failure of reading the track under UPnP mode, you may try to rename the file.

However, if the track is still unable to play, you can try converting the file to different formats.

Tips: If you go back to the menu when playing a station, volume cannot be adjusted by the reel, use the volume keys on the remote control instead. Otherwise, you may stop controlling the system, it counts 10 seconds and return to playback display automatically, then you are able to adjust the volume.


5.2. USB Mode

USB mode plays audio from USB



Rotate “ENTER” button to songs list, press “ENTER” key to play selected song

Press ◀ and ▶ on the remote control to play previous/next music track, press to ▶▶ Pause or play. Press ■ to stop the music.

*Notes: When connect USB before play the music must appear  on the right corner.
The radio will come to standby mode in 15 minutes when mute*

6. FM



FM radio mode receives analogue radio from the FM band.

Press ◀ / ▶ to search FM station. The frequency display starts to run up as BC-800WF scans the FM band. It stops when it has received a station.

You may press **ENTER** to find a station manually. Each press moves 0.05MHz.

Press and hold the **FAV** to save the station.



You can save up to 20 stations. Short press **FAV** and rotate **ENTER** to check and choose the preset station; You may press the number on the remote control to choose the saved station.



Alternatively, you can let the system scan ALL stations for you by pressing **ENTER**, The searched stations will automatically be stored in preset station list.

Tips: If you go back to the menu when playing station, volume cannot be adjusted by the reel, use the volume keys on the remote control instead. Otherwise, you may stop controlling the system, it counts 10 seconds and return to playback display automatically, then you are able to adjust the volume.

Notes: The radio will come to standby mode in 15 minutes when mute

7. AUX IN



Aux in mode plays audio from an external source such as an MP3 player.

8. Information Center

8.1. Weather Information

There are weather information and forecasts for 2000 cities. **SELECT** the country and then the city for the weather detail.

It is able to display the weather information on the standby mode. On the weather information page, press **ENTER** to set the city to displaying on the standby mode.

8.2. Financial Service

View the stock index from around the world.

8.3. System Information

Check out the version of the BC-800WF system, and the details of connected network.

9. Troubleshooting

Error	Remedy
The device does not switch on.	Check if the power adaptor is connected properly.
No sound.	<ol style="list-style-type: none"> 1. Turn on the sound as it may be muted 2. Increase the volume.
No network connection can be established.	<ol style="list-style-type: none"> 1. Check the WLAN function. 2. Try to set an IP address at the device. 3. Activate the DHCP function on the router and make the connection again at the device. 4. A firewall is activated on the network - set the respective program in such a way that access is possible.
WLAN connection cannot be established.	<ol style="list-style-type: none"> 1. Check the availability of WLAN network on the access point. 2. Place the device closer to the router. 3. Make sure the WEP/WPA password is correct.
No station is found.	<ol style="list-style-type: none"> 1. Check the network as well as the access point and firewall. 2. The station may not be available currently, try it again later or SELECT another station. 3. The link of the station is changed or the station no longer transmits - ask the provider for information. 4. The link of manual added station is not correct, make sure it is correct and re-enter.
Hiss in FM mode.	<ol style="list-style-type: none"> 1. Check/move the FM antenna. 2. Move the radio.
Alarm does not work.	<ol style="list-style-type: none"> 1. Switch on the alarm. 2. Due to the volume setting, refer to the solutions of "No sound". 3. The source of alarm was set to be station but there is no network connection. Change the source of alarm or reconfigure the connection.
System freezes suddenly.	The radio is overloaded, reboot the unit.

10. Specifications

Model number	BC-800WF
Description	Internet Radio
Display	128 x 64 dot matrix
Network supported	802.11b/g/n20/n40 (WLAN)
WLAN key	WEP, WPA, WPA2 (PSK)
Streaming Protocol	NTP Network Time Protocol RTSP Real Time Streaming Protocol MMS Microsoft Media Streaming Protocol HTTP Hyper Text Transfer Protocol
Supported playback formats	WMA Windows Media Audio MP3 MPEG Layer 3 Audio WAV Waveform Audio AAC Advanced Audio Coding
Power adaptor	12V 1.5A
Connections	3.5mm jack socket DC IN power supply socket
Dimensions	250mm(L) x 135mm(H) x 130mm(D)
Weight	2 kg (approx.)

FCC warning statement:

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

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

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.