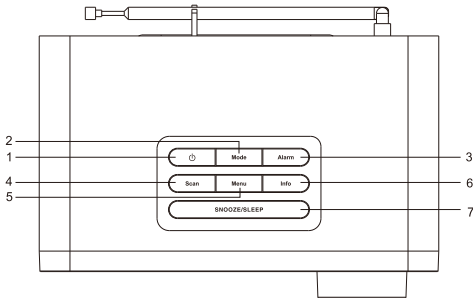# User Manual

Wooden DAB Radio

Model No.: DB-230C

Please read this user manual carefully before using the receiver

Location of Controls

1. ⏻

Press the button to go to standby or power it on.

2. Mode

Press the Mode button to enter the radio mode menu. Use ▲ or ▼ to choose the mode DAB, FM, Aux-in and Bluetooth and push the **<Vol/Select>** knob to confirm.

3. Alarm

Enter the setting of Alarm1 and Alarm2

4. Scan

Scan the radio station of DAB or FM.

5. Menu

Enter the main menu for other options and settings available.

6. Info

Press the button repeatedly to cycle through the information broadcasted by the radio station.

7. Snooze/Sleep

Activate the Snooze when alarm sounds or set the sleep timer.

8. ★

Preset button. Long press to preset and short press to recall.

9. ▲

Scroll upwards.

10. ▼

Scroll downwards.

11.Volume/Select knob

Rotate to adjust the volume level.

Push the knob to select/confirm an action.
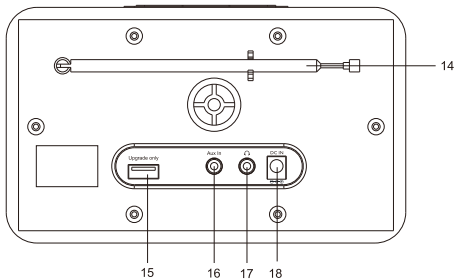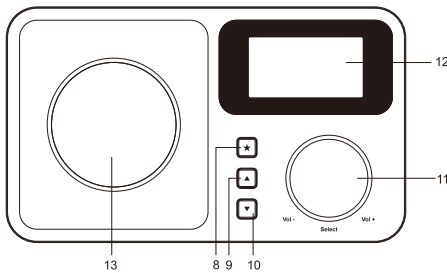
12. LCD 2.4" TFT

13. Speaker

14. Telescopic antenna

15. Reserved for service upgrade only

16. Aux-in 3.5 mm

17. Earphone jack 3.5 mm

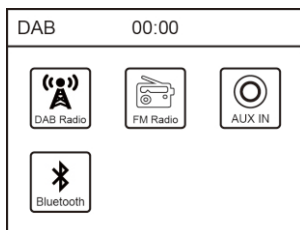**18. DC IN to connect power adaptor**

Switch your radio on the first time

1. Use the power adaptor supplied with the radio. Connect one end of the adaptor to the DC IN socket located at the rear side of the radio and the other end to the wall outlet.

Caution: Always use only the adaptor supplied with the radio. Connecting a power supply with different rating will cause permanent damage to the radio and may be hazardous.

2. Extend the telescopic antenna as far as it can go.

3. The display will light up and enter into the mode selection menu automatically:
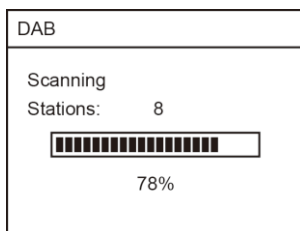

4. Choose the mode you would like to enjoy.

Press the ▲ or ▼ button for selection. Push **<Vol/Select>** knob to confirm. The radio will go to the mode you select.

Note:
Always make sure the telescopic antenna is fully extended to ensure the maximum signal strength and the best possible sound quality.

DAB mode

Choose DAB mode on the menu, the radio will start scanning all the available radio stations as follow:

It will pop out the scanned station list. Use ▲ ▼ to scroll and push **<Vol/Select>** knob to confirm. When a radio station is playing and you want to choose others to play, press the ▲ or ▼ button to enter into the station list.

DAB slideshow

The radio receives images transmitted by the radio broadcaster if any.

To enlarge the images to full screen size, push the **<Vol/Select>** knob under the normal playing screen. If there are several images received, it will display in the mode of slideshow.

Push the **<Vol/Select>** to resume the playing screen.

FM mode

Select the FM mode, press the **\<Scan\>** button to seek the next available station.

To manual adjust the frequency, press ▲ ▼button to tune the frequency in the step of 0.05MHz.

Aux-In mode

You can listen to the music stored in other audio device or smart phone on the radio, through the connection to the 3.5 mm aux-in jack on the rear side. Use the cable with both ends in 3.5 mm pin, one end to the aux-in jack on the radio, the other end to the earphone jack on the audio device or if it has line out socket.

Bluetooth mode

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

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

2. Turn on Bluetooth on your device and look up the device named **"DB-230C"** from the list. Select it to start pairing. No password is required to access pairing. Only one device can be paired at a time.

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.

Volume control

Rotate the **\<Vol/Select\>** rotary knob to adjust the volume.

Preset a station

Your radio can store up to 10 DAB stations and 10 FM stations in its preset memories for instant access to your favorite stations.

1. Tune your radio to the station that you wish to preset.

2. Press and hold ★ button on the radio, it will pop up the empty preset list. Select the preset number you want to save by using ▲ ▼ button and push **\<Vol/Select\>** knob to confirm. It will show the preset number is saved.

Recall a station preset

Press the ★ button once on the unit, the preset list will pop up. Use the ▲ ▼ button to find the station you want to listen, then push **\<Vol/Select\>** knob to confirm.

Note
1. If there is already an existing DAB or FM station stored under a preset, it will be overwritten when you save a new station.
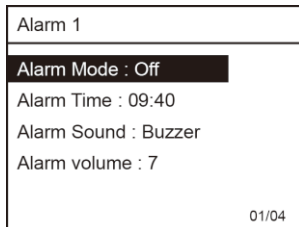*2. The DAB presets will not overwrite the FM station presets.*

Alarm Setting

There are 2 alarm settings on the radio.

Press the **<Alarm>** button to enter the alarm setting menu.

The display will show as follow:

```
Alarm 1

Alarm Mode : Off
Alarm Time : 09:40
Alarm Sound : Buzzer
Alarm volume : 7

                                01/04
```

Press ▲or▼ to choose setting the alarm condition, then press **<Vol/Select>** knob to enter the setting.

Alarm Mode: Press ▲or▼ key to choose the alarm repeating schedule, there are Off, Daily, Once, Weekend, Weekday for your choice, press **<Vol/Select>** knob again to confirm.

Alarm Time: Press ▲or▼ key to input the hour then press **<Vol/Select>** knob to confirm. Do the same to set the minute and press **<Vol/Select>**knob to confirm.

Alarm sound: Press ▲or▼ to choose the sound source from Buzzer/DAB/FM, then press **<Vol/Select>** knob to confirm.

Alarm Volume: Press ▲or▼ to choose the alarm volume level, then press **<Vol/Select>** knob to confirm.

After all the options are set, press **<Menu>** button to confirm and exit the setting.

When the alarm sounds, press the **<Alarm>** button or ⏻ to stop the alarm.

Sleep

You can press **<Sleep>** button to set the sleep timer.

It allows you to set the sleep timer.

The radio will turn in Standby itself when the time is due.

You can choose 15 minutes, 30 minutes, 45 minutes, 60 minutes, 75minutes, 90 minutes, 145 minutes and 2 Hours.

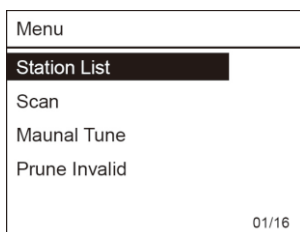If you wish to cancel the sleep timer function, select "Off" on the menu.

Snooze

You can delay the alarm for 5 minutes when the alarm sounds. Press **<Snooze>**button on the radio.

To cancel the Alarm or Snooze, press the **<Alarm>**button or ⏻ .

Main Menu of DAB mode

When you listen to DAB radio station, press the **<Menu>** button to enter the main menu. Whenever you want to exit the menu, press the **<Menu>** button again.

```
Menu
Station List
Scan
Maunal Tune
Prune Invalid
                              01/16
```

Please note if there is not any operation in 30s, the radio will return to last playing mode.

Station List
Press to see the DAB radio station list.

Scan
Press to scan for DAB radio stations.

Manual Tune
This function allows you to check whether a specific frequency can be received in your area and the corresponding signal strength. When this option is selected, it will show a list of DAB frequencies. Choose a frequency and it will display a bar of strength. If the selected frequency is available in your region, the signal bar will indicate with number of levels depends on the reception.

Prune Invalid Stations
Some DAB services may stop broadcasting or you may not be able to receive a station. Prune stations will delete the DAB stations from your station list that can no longer be received.

DRC
Dynamic Range Control (also known as DRC) can make quieter sounds easier to hear when your radio is used in a noisy environment. This function is only available for the DAB.
DRC Off —No compression
DRC High —Maximum compression
DRC Low —Medium compression
Setting the compression to maximum will "boost" the quiet sounds, whilst keeping the loudest sounds at their original level.

Station Order
You can choose different station order, such as Alphanumeric, Ensemble and Valid. The "Valid" means Valid Ensemble Sort. Ensemble sort which is merged with same Ensemble ID.

Equalizer
User can set the radio with different EQs, such as Normal, Classic, Jazz, Pop, Rock, Flat, Movie and News.

Backlight
There are 3 brightness levels you can choose: High, Medium & Low.
1. Timeout: This option is used to set the period of time that you wish your display's backlight to remain lit when your radio is just playing without any operation is made.

The available options are: Off / 10sec / 20sec / 30sec / 45sec / 60sec / 90sec / 120 sec / 180 sec. Select "Off" will force your radio's backlight to remain on constantly. If you select a specific time interval, after the selected time period has lapsed the display will dim down.

2. Level: This option will determine how bright the display's backlight is lit while the radio is in operation of the functions. Whenever the radio is powered up from Standby, the backlight will adjust to the brightest level.

Backlight in Standby mode
The backlight will dim to the lowest level automatically in Standby. If you want to set the dimmer level in Standby, rotate the volume knob to select the desire level. There are four levels available.

Time/Date
There are 3 settings:
1. Set Time/Date: This allows the user to manually set the current Time and Date.
2. Set Format: This option will change the format of your clock to either 12 hour or 24 hour format.
3. Auto Update: This function will set the radio's time and date automatically with data sent along with the broadcast of either the FM or DAB radio station. You can choose "No Update" then the radio will not receive the time data.

Note:
The FM auto Time/Date update may not work in your area, so the DAB auto update option is recommended.

Factory reset
You can reset the radio to the factory default any time. Once a reset has been done, all previous settings and preset will be erased and the radio will resume to the menu for mode selection.

Information
Press to see the firmware version.

Language
There are six languages available for the menu,
English/Deutsch/Norwegian/Dansk/French/Italian.

Main Menu of FM mode

While the radio is in FM mode, press the **<Menu>** button to enter the main menu. Most of the menus are the same as DAB mode, with the additional options as follow:

Scan setting
You can choose to scan "Strong station only".

Audio setting
You can set "Mono only".

Main Menu of Aux-In mode

When the radio is in Aux-In mode, press the **<MENU>** button to enter main menu. All of the menus have the same function as the setting in DAB mode.

Q & A

If you are experiencing problems with your DAB radio there are some quick and easy checks that you can do, which may help to solve the problem.

No DAB reception

- Please carry out "Factory Reset" on the radio and extend the antenna.

- Move the radio close to the window.

Radio reception is poor

- Please check that the aerial is extended for the maximum signal strength and improved reception.

- Check that you do not have other electrical equipment too close to your radio, causing interference.

No sound

- Adjust the volume using the Tune/Select knob.

- Please check that the mains power lead is connected at the back of the radio and the mains power wall socket is switched on.

Technical Specification

Model: DB-230C
Bluetooth version: 2.1+EDR
Bluetooth range: within 10 meters
Power input: 7.5V ⎓ 1.5A
Power voltage: 100-240V~50/60Hz
Audio sockets: 3.5mm earphone jack, 3.5mm Aux-in jack
Unit Dimension: 196 X 123 X 126 mm (L x H x D)
Remark: Specification may vary without notice

What's included in the box

* DAB Radio
* Power adaptor
* 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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