



User Manual

STEREO DAB+/DAB/FM Radio

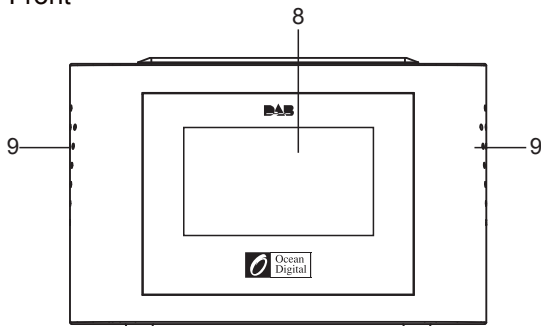


Model No.: DB-828

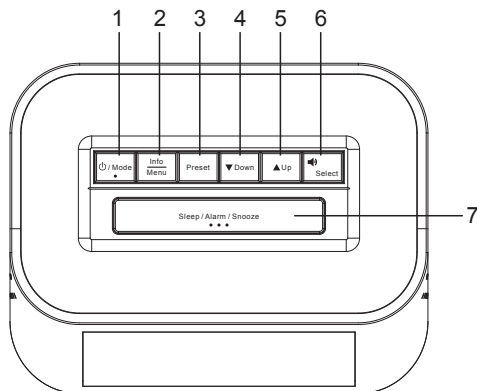
Please read this user manual carefully before using the receiver.

Location of controls

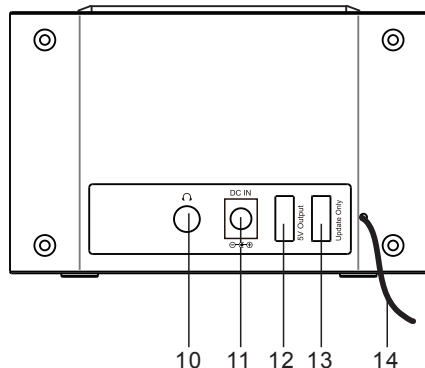
Front



Top



Back




1. / Mode

Press the button to go to standby or turn the radio on.
Hold the button to change the mode between DAB & FM.

2. Info/Menu

Long press the button to enter main menu, press briefly to see the information under the station.

3. Preset

- Long press the button to enter the Preset menu, choose the number then press <  Select > to save the preset.
- Short press the button to recall the preset list.

4. Down

Press the button to scroll through items from the menu, or hold to do quick scan FM station downwards.

5. Up

Press the button to scroll through options, or hold to do quick scan FM station upward.

6. Select

- Press to confirm a selection
- To adjust volume, press this button and follow by up / down to adjust the volume level.

7. Sleep/Alarm/Snooze

Sleep-Press the button to scroll through the Sleep timer interval options.

Alarm-Long press the button to enter alarm setting.

Snooze-when alarm is active, press the button to activate Snooze, the alarm will come on again in 9 minutes.

8. LCD Display

9. Speaker

10. 3.5mm Earphone jack

11. DC in jack (5V 1.2A)

12. USB for 5V charging

13. Software Update port

Reserved for internal upgrade only.

14. Wire antenna

Before you start

Precautions

- The radio should not be used in a high temperature or high humidity environment over prolonged periods of time as this may damage the unit.
- Keep the radio away from liquids as it may get damaged. Please switch off the radio immediately if water or liquids is spilled into the radio. Consult with the shop you bought this radio for any question.
- Avoid using or storing the unit in dusty or sandy environment.
- Do not open and repair the radio by yourself.
- Use only the AC adaptor supplied with the radio.
Connecting a power supply with a different rating will cause permanent damage to the radio and may be hazardous.
- Clean only with dry cloth

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD,
DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE RADIO BACK. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE RADIO.

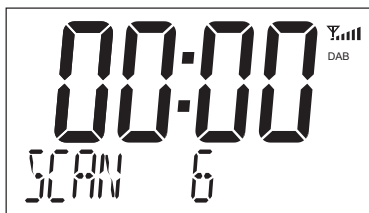


THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THIS RADIO.

The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Switching your radio on the first time

1. Connect the power adaptor to the DC socket of the radio and plug in the other end to the wall socket.
2. Extend the Antenna as far as it can go.
3. The LCD backlight will light up and shows "PLZ SET TIME". Press \odot /Mode button to turn on the radio. The radio will start scanning the DAB channels automatically in the first time:



4. The time will sync to the time broadcasted by DAB, as default:



5. Once the scan is finished, it will display the number of radio stations received, and start to play the first station automatically.



Note: Always make sure the antenna is extended as much as possible to get the maximum signal strength and the best possible sound quality.

6. To explore the stations that have been found, you need to press either the 'Down' or 'Up' key to see the next or previous station. When you find a radio station that you would like to listen to, then press the "Select" button to select the station. If you don't press the select key, the radio will switch to the new station automatically after 5 seconds.


Memory

When you start up the radio again, the radio plays the same mode and same station as last listened.

Adjusting the volume

Press “ Select” button, then press “Up” or “Down” to increase and decrease the volume.

Changing radio mode (DAB/FM)

Select the DAB/FM mode by long pressing the “ /Mode” button.

Adjusting the backlight

There are 3 levels of brightness available for selection.

To adjust the brightness level, turn the radio to Standby and use the up/down button to adjust.

You can set the time out interval under the <Time out> setting menu. Long press the Info/Menu button to access the main menu, choose <System> and select <Timeout> option to do the setting.

Remark: Refer to the System section for the options available of Time out.

DAB mode

Main Menu

The Info/Menu button enables you to change some of the default settings of your radio, so that it works just the way you want it to. To enter into the main menu, hold and press the Info/Menu button for 3 seconds, it will enter into the main menu below. You can press “Up” or “Down” to choose different submenus. Whenever you want to exit the menu, long pressing the Info/Menu button to return the previous menu.

Full scan

It searches all stations available in your location; it may take 1-3minutes for the scan.

Manual Tune

1. Using the manual tune feature, you can manually tune the receiver. This can help you when aligning your aerial or when adding stations that were missed while auto tuning.
2. Press the “Up” or “Down” button to scroll through the digital radio frequencies and select the frequency you want to fine tune.



3. Adjust the position of the aerial on the radio, to obtain the maximum signal strength.

System

The options below allow you to change the setting to suit your requirement:

Time: You can set in 12/24hrs mode, Time/Date, and auto update time.

Time out: When any buttons are pressed on the radio, the backlight will increase to the highest brightness level. It will dim down to your selected backlight level according to the time out interval when no button is pressed in that certain time period.

The default interval is 15 seconds. There are other choices of 5s/10s/20s/25s/30s and OFF mode.

The OFF mode allows you to disable the Time out if you want. It means the backlight remains with the selected backlight level no matter during operation or not.

Factory Reset: It can reset your radio and restore all the settings to the original factory settings.

Long press "Menu" to enter the submenu <system> and choose <Factory Reset>, then press "↵ select" button to confirm. Follow the wizard on the display to complete the reset. The radio will restart by itself.

SW version: This is the Software version of the radio for future maintenance purpose.

Alarm:

There are 2 alarms available on the radio. Follow the steps below to set the alarm.

1. Turn the radio on, hold the "Sleep/Alarm/Snooze" button to enter the Alarm setting. You can also set the Alarm when the radio is on Standby too. Under Standby, long pressing the Sleep/Alarm/Snooze button and the Alarm wizard will pop up.



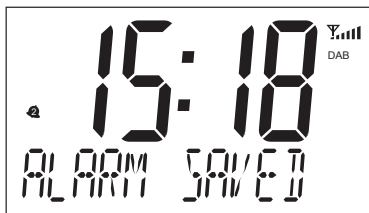
If you want to set the Alarm 2, simply press the "Up" or "Down" button. Then press "↵ Select" to start the alarm setting.

2. The display shows "Inactive", press "Up" or "Down" to show "active" on the display,



3. Then press "↵ select" to confirm to go to next step to set the Time. Press "Up" or "Down" button to adjust the Hour and press "↵ Select" button to confirm, then set the minute accordingly and confirm to move to next step.
4. It comes to choose the source of alarm. You can set the alarm to activate in Buzzer, DAB Radio or FM radio. If you choose DAB or FM, you can either choose the preset station or the last listened station as the alarm source.
5. The next setting is to select volume level of the alarm you like. Adjust it by pressing "Up" or "Down" button. Then press "↵ Select" to move to next step.
6. The display shows "Duration", it means how long you want to keep the alarm sounds over the time period. You can choose from 15, 30, 45, 60 and up to 90 minutes. Confirm and move to next step.
7. It comes to set the schedule of the alarm. You can choose the option of Daily/Once/Weekends/Weekdays.

8. Press “◀ Select” to confirm the option, then the display will show as below



Then the Alarm setting is complete.

To cancel the active alarm, press any of the buttons except the Snooze button.

Sleep /Alarm/Snooze

When the alarm is activated, you can press “Sleep/Alarm/Snooze” to active snooze to delay the alarm and it will turn on again in 9 minute interval. If you want to turn off the alarm, just simply press “◊/Mode” button, then the alarm will be turned off and go to standby mode.

Display Modes

When listening to a station you can see different information released by the broadcaster. It will appear on the bottom of the display. To do the operation, press the “info/Menu” button repeatedly to scroll through the different display options.

There are different types of information that are sent by the broadcaster as below:

Dynamic label segment(DLS)

This is scrolling text information supplied by the broadcaster, information could be the name of an artist or music title, DJ's name, contact details for the radio station etc.

Multiplex name

Display the broadcasting area and collection of radio stations on this frequency, e.g., BBC National DAB, Digital 1 network.

Channel and Frequency

It shows the number of Channel and Frequency of the listening radio, e.g., 11C 220.352MHz
Where 11C is the channel and the frequency is 220.352MHz.

Date information

The current date supplied by the broadcaster

FM Mode

1. When you are in DAB mode, hold the “◊/Mode” button to change to FM mode.
2. Press and hold the “Up” or “Down”, your radio will scan in an upward direction or downward direction and stop automatically when it finds a station.
3. After a few seconds, the display will update. The display will show the station name and it will display the RDS (Radio Data System) information if available.
4. If press the “Up” or “Down” button, then your radio will scan upward or downward 0.05MHz.

Note: If reception is still poor adjust the position of the aerial or try moving the radio to another location.

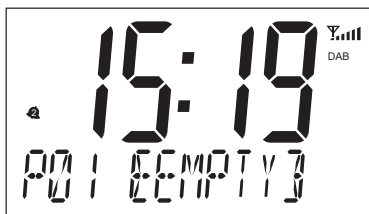
Setting

Press and hold the "Info/Menu" button to enter the <System> setting.

The setting is similar to the System under DAB mode. Please refer to the above instruction of System under DAB.

Storing radio stations

1. The radio can store up to 10 DAB and 10 FM stations in its preset memories for instant access to your favorite stations.
2. Tune your radio to the station that you wish to preset.
3. Hold and press "Preset" to enter the preset menu, the display will pop up as below. The <P01Empty> will blink.



4. Then press "Up" or "Down" button to choose the number you want to preset, press "Select" to confirm. The display will show "P X Saved", where "X" is the number of the preset (1-10).



Note:

***If there is already an existing DAB or FM station stored under a preset, it will be overwritten when you store the new station.*

***When you store DAB radio station presets, these do not overwrite your FM station presets.*

Recall a stored station

Press the "Preset" button, then the display will show "P01: (Empty)" or "P01: station name" (where station name is the station has been saved), press "Up" or "Down" button to select the station you want to listen, and then press the "Select" button to confirm to play.

Note: *If no station has been stored under the preset, the display will show "Px: (Empty)" and then revert to the previously selected station after a few seconds.*

Q & A

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

Radio reception is poor

- Please check that the aerial is extended for the maximum signal strength and improved reception.
- For DAB radio, use the Manual Tuning and adjust your aerial for the best reception.
- Check that you do not have other electrical equipment too close to your radio, causing interference.
- Visit <http://www.worlddab.org/> for information about DAB reception in your area.

No sound

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


Technical Specification

Model: DB-828

DAB frequency range: 174.928MHz(5A)-239.200MHz(13F)

Support DAB and DAB+

FM Frequency range: 87.5-108MHz

Power input: 5V  1.2A

Power voltage: 100-240V~50/60Hz

Unit Dimension: 120 x 95 x 78 mm (L x D x H)

Remark: Specification may vary without notice

What is 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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