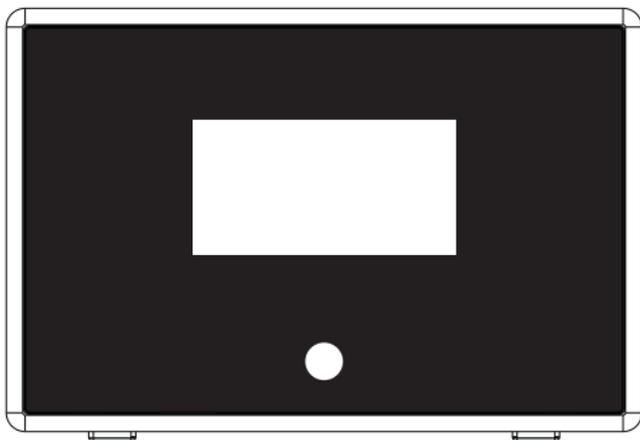




User Manual

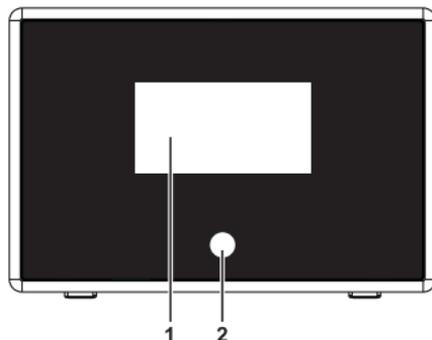
DAB Radio Tuner



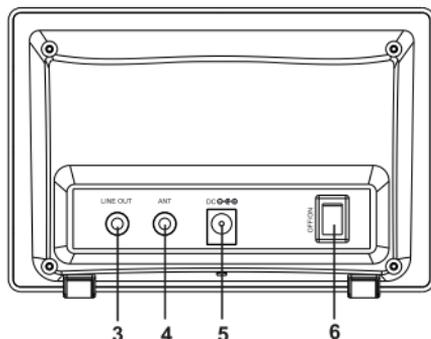
DBA-01B

Please read this user manual carefully before using receiver

LOCATION OF CONTROLS

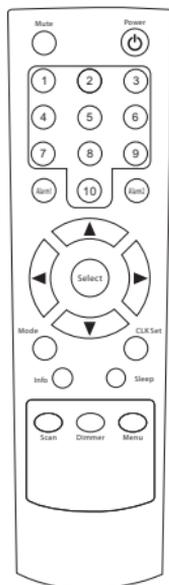


1. LCD Display Window
2. IR Remote Control Sensor
3. 3.5mm Stereo Line Out Socket



4. 3.5mm Antenna Input Socket
5. DC socket
6. Power Switch On/Off

Remoter controller:



1. **Power**: Enter or exit the standby mode
2. **Mute**: Volume turns off
3. **Mode**: Changes the mode between DAB+/FM/ bluetooth
4. **Scan**: Press it to scan station.
5. **Info**: Press it to browse over the information
6. **0--10**: Numeric buttons for Store and Recall functions.
7. **Alarm1/2**: Press it to set the alarm.
8. **Menu**: Press it to go for Menu settings.
9. **▲/▼**: Press ▲ for volume up and ▼ for volume down.
10. **◀**: Press it to scroll the previous station or frequency or option.
11. **▶**: Press it to scroll the next station or frequency or option.
12. **Select**: Press it to confirm the operation.
13. **CLK Set**: Hold it to set the clock.
14. **Sleep**: Hold it to set the sleep time.
15. **Dimmer**: Press to light the backlight, press again to disable it.

Start up

1. Connect the radio to mains power using an adaptor, and switch on the main switch on the back cabinet, it will show



Then enter into standby mode with original clock "00:00"

2. When the radio is powered on for the first time by RC, it will start for available Digital Radio stations.



When the scan is completed, the first station (alphabetically) will begin to play.

3. Press the "POWER" button once, the radio will change from operation mode to standby mode and the backlight will turn off.
Tips: If you have used the DAB Radio before, and do the Factory reset, the first state will be stayed at the last mode what you used.

Mode

1. The DAB Radio has two modes of operation:
 - DAB Radio
 - FM Radio
2. Press the "Mode" button to select FM/DAB.

DAB Radio Mode Operation

1. Press the "Mode" button until a DAB Station display.
2. If there is no DAB station has been listened to before, it will automatically begin "full scan" for DAB radio stations.
3. When completed scanning and if there are stations have been scanned, the radio of the stations will list in alphanumeric order and the first one will be played.

4. If you have used the DAB Radio before, the most recently selected DAB Radio station will be heard when you change back to DAB mode.

Menu Button

The menu allows you to configure the settings for the DAB Radio

Press the 'Menu' button to select follow options, you can press “◀” and “▶” key to select

- Full scan
- Manual Tune
- DRC
- Prune
- System



● Full scan

1. It performs a station scan from channel 5A to 13F
2. Press “Scan” button to do “Full scan”

● Manual tune

1. Press the 'Menu' button to “Manual tune”;
Press the “Select” to confirm and the DAB radio will start “Manual tune”, it will display on the screen;



2. Press “◀” and “▶” key to scroll through the frequency;
3. The device can receive the stations automatic in the available frequency band;
4. The device can receive the stations automatic in the available frequency band;
5. If the radio received station at that frequency channel, the radio will show the stations.
Then you can press “select” to enter the station list.
6. Press “Select” to select a desired station to listen to;
7. Repeat 1-6 for tune other Channel frequency

● 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.

● Prune

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.

● System

There are 6 options for selection.

- Equaliser
- Time
- Backlight
- Language
- Factory Reset
- SW version

Equaliser

User can set the radio with different EQs, such as Normal, Classic, Jazz, Pop, Rock and Speech, and user can set "My EQ" according to their preference.

Time

The radio has 4 time display settings:

1. Set Time/Date: This allows the user to manually set the current Time and Date.
2. 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.
* Note that FM auto Time/Date update may not work in your area, so the DAB auto update option is recommended.
3. Set 12/4 Hour: This option will change the format of your clock to either 12 hour or 24 hour format.
4. Set Date Format: Changes the date display format between DD-MM-YYYY/MM-DD-YYYY.

Backlight

Your radio has 3 backlight settings:

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 in both ON and STANDBY modes. The available options are: On/10 sec/20 sec/30 sec/45 sec/60 sec/90 sec/120 sec/180 sec. Selecting "On" will force your radio's backlight to remain on constantly. If you select a specific time delay, after the selected time period has lapsed the display will dim down under the following two situations:
 - When the radio is turned on and no operation under selected time out period.
 - When the radio turns off into standby mode, the backlight will dim down after the time out period has lapsed.
2. On level: This option will determine how bright the display's backlight is lit while the radio is on ON mode. There are 3 options for this setting: High, Medium & Low.
3. Dim level: There are 3 brightness levels of the Dimmed backlight available – low/medium/high.

Language

This setting will change the language in which the menu system is displayed on your radio. There are four languages: English, French, German, Italian.

Factory reset

The DAB Radio can be reset to the factory defaults at any time, once a reset has been performed, the DAB Radio will automatically begin Full scan.

1. Select "Factory Reset", the display will shows:



2. Press "◀" or "▶" key to choose <Yes>, then press "Select" to perform the rest.
Noted: once you do this operation, some of store information will be missed like as preset station, Alarm will be emptied.

SW version

1. Press "Select" key you can see the software version directly

Note: To exit setup, press 'MENU' button.

Sleep Button

It allows you to set the sleep time

1. Press 'Sleep' button on your remote control, the following screen will be displayed:



2. You can select the desired period of the sleep function by repeatedly pressing the "Sleep" button on the remote control until the desired period is displayed. You can choose between 15 minutes, 30 minutes, 60 minutes, 90 minutes or OFF. Press the "Select" button on the remote control to confirm your choice. The radio will now automatically shut down after your chosen period of time.
3. If you wish to cancel the preselected sleep function, use the steps above and choose "OFF", then press "Select" on your remote control to confirm.

Alarms Button

It allows you to set and check the alarm time

1. Press 'Alarm1' or "Alarm 2' button to set the alarm as



2. Press "Select" to confirm to go for alarm setting, you will see below.



3. You can press "◀" or "▶" key to set the alarm time you wanted, then press "Select" go to next step.
4. You can press "◀" or "▶" key to set the duration time form 15/30/45/60/90minutes, then press "Select" go to next step.
5. You can press "◀" or "▶" key to change the sound source from Buzzer/DAB/FM, then press "Select" go to next step.
6. You can press "◀" or "▶" key to set the alarm period as Daily/Once/Weekends/weekdays, then press "Select" go to next step.
7. You can press "◀" or "▶" key to set the alarm date, then press "Select" go to next step.
8. You can press "◀" or "▶" key to set the alarm volume, then press "Select" go to next step.
9. You can press "◀" or "▶" key to show "Alarm ON" or "Alarm OFF" on the display, then press "Select" to save the alarm setting or disable the setting.
10. When the alarm is active, you can press any key except "alarm 1/2" to set the snooze of 5 minutes or 10 minutes, just show the snooze time on the display, then it will be go to countdown clock automatically.
11. To mute the alarm, please press the alarm button.

Information Display

When listening to a DAB radio station you can change the information that will appear on the second line on the LCD Display. There are several types of information that are sent by broadcasters which can be displayed. You can change the information shown on the display by pressing the 'INFO' when the radio is under DAB mode or FM RDS station mode

- **Dynamic Label Segment (DLS)-**

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

- **Channel frequency – e.g.:174.928MHz.**

- **Assemble name**

- **Time and Date – supplied by the broadcaster.**

- **Program Type(PTY)-displays the station program type, for example 'POP Music', "Talk".**

- **Audio format – e.g. Stereo 192Kpbs**

Preset stations

The Preset function stores favorite stations for easy access. It can preset up to 10 DAB radio stations in the radio memory.

1. Select the desired station to store.
2. Press and hold the preset number (1-10) button to store the select radio station you would like to save into memory.
3. The LCD Display will show "Preset X Stored". The station is now successfully saved against the selected preset number

Loading preset stations

To retrieve the Preset station from stored memory

1. Press the preset number (1-10) button to select the stations you would like to listen to and the DAB radio will re-tune to the selected preset station
2. If you have not preset any station , 'Preset Empty' will be displayed on the LCD Display

FM Radio Mode Operation

1. Turn on the radio
2. If it is already in standby mode, just press the Standby button
3. Press the Mode button until a FM mode is shown on the LCD Display.



Menu Button

The menu allows you to configure the settings of the Radio.

Press the 'Menu' button to select follow options:

- Scan setting
- Audio setting
- System

Scan setting

There are two setting for scan, "Strong station" and "All station", you can choose the one you need.

Audio setting

You can press "◀" or "▶" to find "Stereo allowed" or "Forced mono", then press "Select" to confirm the one you need.

System

It is the same as above DAB chapter.

Manual tune buttons

They allow you to change the station

1. Press “◀” to tune the frequency decreasingly by 0.05MHz
2. Press “▶” to tune the frequency increasingly by 0.05MHz

Auto scan buttons

It allows the radio to scan FM station automatically

1. Press “Scan” button, the radio will scan the stations by 0.05MHz until it finds a station.
2. To stop during auto scan, you can press “◀” or “▶” button once again.

Information Display

Pressing the 'INFO' button to change the information that will appear on the second line of the LCD display when listen a FM radio station

In FM mode, the Radio will receive Radio Data System (RDS) information. RDS information includes:

- Information
- Audio format
- Program Type (PTY) – displays the station program type, for example 'POP Music'
- Radio text – This is scrolling text information supplied by the broadcaster.
Information could be the name or an artist or music title, the DJ's name or the contact details for the radio station
- Current Date and Time

Presetting stations

The preset function stores favorite station for easy access. It can preset up to 10 FM radio stations in the radio memory

Same as the “Presetting stations” in function under DAB mode

Loading preset stations

Same as the “Loading preset stations” in function under DAB mode

Bluetooth Mode Operation

1. Press the Mode button repeatedly, until a Bluetooth mode is shown on the LCD Display.
2. The radio adaptor is now ready for pairing. Turn on the Bluetooth on your device and look up the device named “DBA-01B” from the list and select it. It will start pairing with the radio adaptor.
3. If the connection is successful, it will show “Connected” on your Bluetooth device list.
You will hear a beep sound at the same time.
4. You can start playing the music from your Bluetooth device through the radio adaptor.
5. User can press “Menu” entering the “system”, then choose the desired EQ for music.

Warning

The normal function of the product may be disturbed by Strong Electro Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.