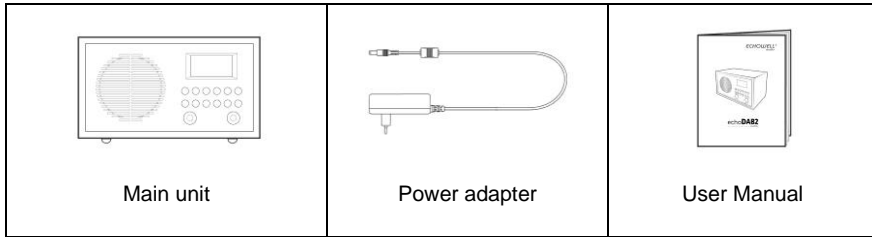




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## Package content

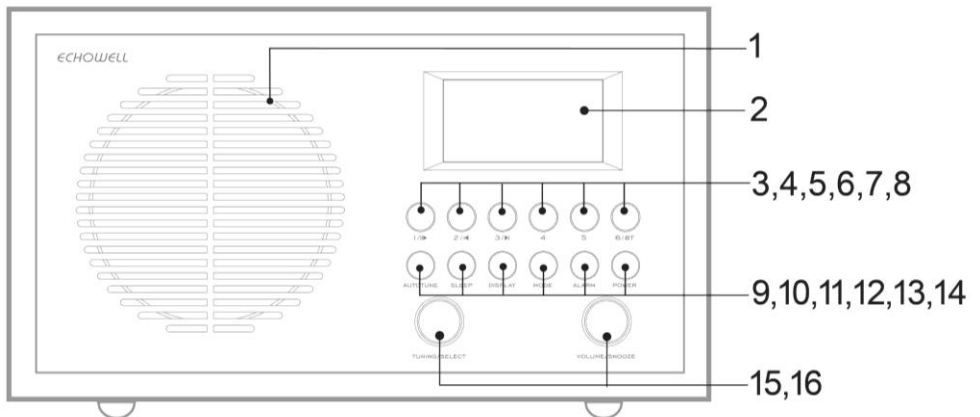


Main unit

Power adapter

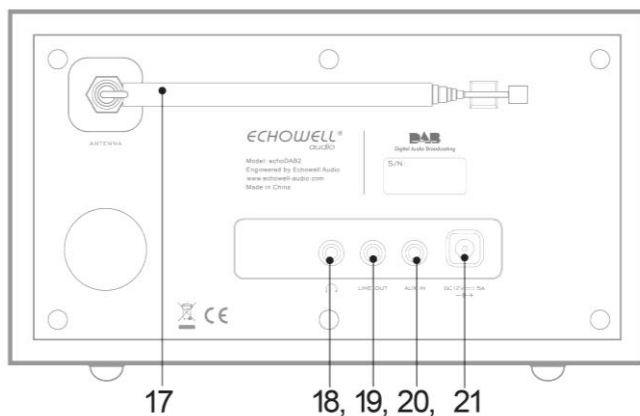
User Manual

## Front view



- |                |                        |
|----------------|------------------------|
| 1. SPEAKER     | 9. POWER               |
| 2. LCD Display | 10. ALARM              |
| 3. 1 / II ▶    | 11. VOLUME/SNOOZE Dial |
| 4. 2 / I ◀     | 12. MODE               |
| 5. 3 / ▶       | 13. DISPLAY            |
| 6. 4           | 14. SLEEP              |
| 7. 5           | 15. TUNING/SELECT Dial |
| 8. 6 / BT      | 16. AUTOTUNE           |

## Rear view



- 17. Antenna
- 18. Headphone
- 19. Line out
- 20. Auxiliary input
- 21. DC power supply  
(DC 12V/1.5A)

Control buttons		Mode
3	1 / II ▶	DAB/DAB+ and FM mode: When a radio station is broadcasting, long press this button to store the station to preset 1. Bluetooth Mode: IN Bluetooth Mode, press this button to control the playback or pause of the playlist.
4	2 / ◀	DAB/DAB+ and FM mode: When a radio station is broadcasting, long press this button to store the station to preset 2. Bluetooth Mode: IN Bluetooth Mode, press this button to skip to the previous song.
5	3 / ▶	DAB/DAB+ and FM mode: When a radio station is broadcasting, long press this button to store the station to preset 3. Bluetooth Mode: IN Bluetooth Mode, press this button to skip to the next song.
6	4	DAB/DAB+ and FM mode: When a radio station is broadcasting, long press this button to store the station to preset 4.
7	5	DAB/DAB+ and FM mode: When a radio station is broadcasting, long press this button to store the station to preset 5.

8	6 / BT	DAB/DAB+ and FM mode: When a radio station is broadcasting, long press this button to store the station to preset 6. Bluetooth Mode: Press this Button to skip to the re-search for device.
9	AUTOTUNE	DAB/DAB+ and FM mode: Press this button to automatically scan Stations.
10	SLEEP	When playing, cycle through delay-time values for switching to stand by. (Sleep off-15min-30min-45min-60min-90min)
11	DISPLAY	View more information about the station or track playing, press again to cycle through further information screens then return to the normal Now playing screen. SYSTEM Menu setting : In any mode, press and hold this button to enter the main menu or the other options, press this button to go back to the previous setting screen.
12	MODE	Cycle through the modes: DAB, FM, Bluetooth, Aux-in.
13	ALARM	Press this button to set the alarm; when the alarm goes off, press this button to turn off the alarm.
14	POWER	Turn on or back to standby mode (showing clock). Cancels sleep.
15	TUNING/ SELECT	In the subsequent sections of this manual, we will refer to this scroll dial as "SELECT" dial. Turn the dial to view options, and press the dial to confirm.
16	VOLUME/ SNOOZE	In the subsequent sections of this manual, we will refer to this scroll dial as "VOLUME" dial. Turn the dial to adjust the volume, and press the dial to mute the device. When the alarm is activated, press this button to postpone the alarm.

# DAB/DAB+ mode

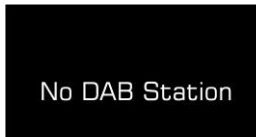
## Power on



Elongate the antenna on the back of radio, and then press the “POWER” button on the front panel turn on the radio power.

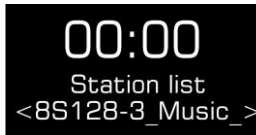


For first time use, the radio will automatically conduct a complete frequency scan and store detected stations into memory.



If no DAB radio station is found, the device will automatically enter the system menu.

- **NOTE:** *If no DAB / DAB + signals in your location can be found, the display will show "No Station"; try moving the location of the radio. If there is no DAB station, please ignore this function.*



Once frequency scanning is completed, the DAB/DAB+ stations will be displayed in alphanumeric order, and the radio will access the first station in the list.

## Shift to another DAB/DAB+ station

During the program playback, turn “SELECT” dial, “Station list” appears on the display, where, you can cycle through the available stations. Press “SELECT” dial to confirm the station. The radio will then connect to the selected radio station.

- **NOTE:** *If <station name: Service not available> appears on the display, for example, it means no DAB+ radio signal at your location. Please try to update the station list.*
- **NOTE:** *To execute this order, you are highly recommended to place your radio in a stronger signal position!*

## View station information

While listening to DAB+ or FM program, by repeatedly pressing the “INFO” button, you can view the information of the station on the display.

## Display signal strength



While playing a DAB/DAB+ program, press the “INFO” button until the LCD screen displays a signal bar showing the signal strength of the current station.

- **NOTE:** Stations with signal strength below the minimum signal level may not provide a stable audio stream.

## Full Scan (Automatic station search)

You can automatically search for a list of all stations nearby.

1. Press and hold the “DISPLAY” button → turn “**SELECT**” dial → Full Scan” on the front panel to enter this option.
2. Press “SELECT” to confirm the desired option, the system will automatically enter the station.

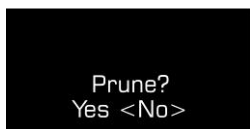
## Manual Tune (Manual station search)



You can manually select a station.

1. Press and hold the “DISPLAY” button →turn “SELECT” dial→ Manual Tune” on the on the front panel to enter this option.
2. Press “SELECT” to confirm the desired option, the system will automatically enter the station.

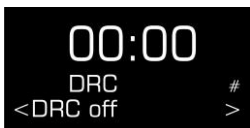
## The way to prune (Delete a station)



- **NOTE:** Want to delete all inactive stations? It's easy!

1. Press and hold the “DISPLAY” button →turn “SELECT” dial→ Prune Invalid” on the front panel control to enter this option.
2. Press “SELECT” to confirm the desired option (Yes/No), and it will automatically jump back to the previous menu option.

## DRC (Dynamic Range Control) value



You can set the compression level of the station to eliminate the differences of dynamic range or sound level between radio stations.

- **NOTE:** Setting DRC to “off” indicates no compression, setting DRC to “low” means lower compression level, and setting DRC to “high” indicates the highest compression level.

1. Press and hold the “DISPLAY” button →turn “SELECT” dial → DRC” on the front panel to enter this option.
2. Press “SELECT” to confirm the desired option (DRC High /DRC Low /DRC Off), and it will automatically jump back to the previous menu option.

# FM mode

## Tune in FM mode

1. Turn on the radio power, and press "MODE → FM" on the front panel to automatically enter this mode.
2. For first time use, the radio starts from FM 87.50MHz. Long press "SELECT" dial to automatically search the next or previous station.
3. To manually change FM frequency, turn "SELECT" dial to manually adjust the FM frequency, with each frequency step of 0.05MHz.
4. **To auto-search, simply press "AUTOTUNE", then the display will show the frequency changing until it reaches an active station.**

## Scan Settings

By default, FM scan will stop once a Strong station is found.

To change the scan settings to all stations, please perform the following 2 steps:

1. In FM mode, press and hold the "DISPLAY" button →TURN "SELECT" dial to "Scan Setting" option, and press "SELECT" button.
2. After entering this option, TURN "SELECT" dial on the front panel to "All stations" option, then press "SELECT" button to confirm.
3. If the station's signal is very poor, it may cause a bad signal to noise ratio (hissing noise).

## Audio Settings



By default, all stereo stations should have a stereo effect. If the station's signal is very poor, it may cause a bad signal to noise ratio (hissing noise).



To play weak signal stations in mono, please perform the following 2 steps:

1. Press and hold the "DISPLAY" button until "Audio Setting" appears on the screen, press "SELECT" button.
2. After entering the option, turn "SELECT" dial on the front panel to "Forced mono" option; then, press "SELECT" button to confirm.

## Station Presets (DAB+ and FM modes)

- **NOTE:** *The settings of "Radio station preset" and "Preset Recall" are suitable for DAB+ and FM mode.*

When your favorite radio station is broadcasting, long press  button to store the station to Preset1; when an user is playing other radio frequency, press the  button, it can automatically call the preset1 radio station.

Follow the same operation as described above, and press another preset button "-6/BT" to store the selected radio stations to the preset buttons -6/BT.



## **Preset Recall** (DAB/DAB+ and FM modes)

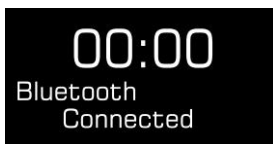
To select a stored station:

Press directly preset key on the front panel, and then short press numeric keys from " I /II▶ " to "6/BT" to call the preset radio stations "1" to "6".

## **Bluetooth mode**

1. Turn on the radio power, and press "MODE→ Bluetooth" on the front panel to automatically enter this mode.
2. The first time when Bluetooth is not connected, a prompt appears: "Bluetooth Pairing".

### **Bluetooth Connection Settings**



(Settings on the device) Press "**MODE**" button and the Bluetooth function of the device automatically enters "automatically search Bluetooth" system. After Bluetooth pairing is successful, "Bluetooth connected" will appear on the display.

(Bluetooth settings on general mobile phone) In the menu, find "Settings" button, click "Settings" → turn on " Bluetooth" → find "Available Device " → press "Available Device (device name: echoDAB2)".

(Other players with Bluetooth systems) Please refer to the instructions for Bluetooth pairing of the player.

## **AUX IN mode**

- **NOTE:** *AUX IN jack allows for quick and easy connection to a MP3 player or other external audio sources.*

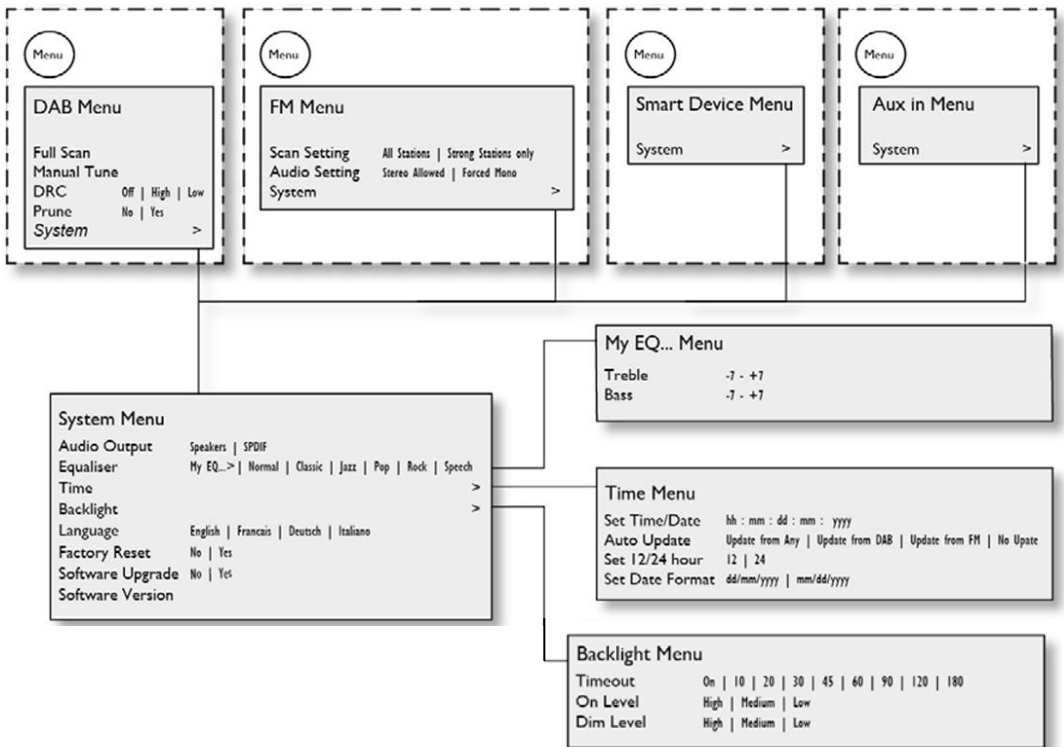
1. Turn on the radio power, and press "MODE→ Auxiliary Input" on the front panel to automatically enter this mode.
2. After using a 3.5 mm audio cable, your radio will play the source output through its high-quality speaker.
3. Connect one end of the audio cable to the earphone (or auxiliary output) jack of your source device, and the other end to the AUX IN jack at the back of your radio.
4. To gain optimal volume levels, you are recommended to adjust the output volume level on both the radio and the source device.

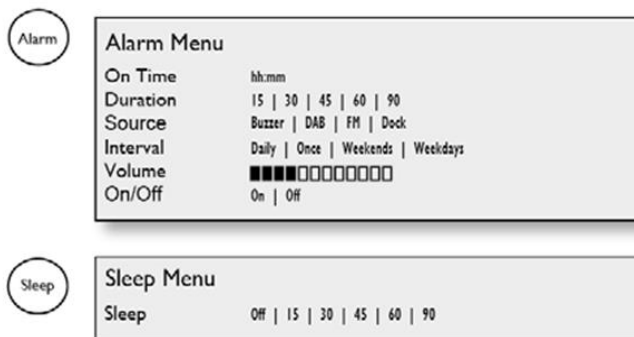
# System settings

## Method to enter system settings

1. In any mode (DAB/FM/Bluetooth/Auxiliary Input), press and hold the “DISPLAY” button → **System settings** on the front panel control.
2. Turn “SELECT” dial to switch among the options in the System Settings menu:  
**“Equaliser→Time→Backlight→InactiveStandby→Language→FactoryReset→SW Version”.**

## System menu: Settings





## Set equalizer

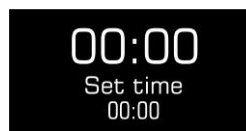
- **NOTE:** Select the appropriate equalizer can help to improve the sound quality of music:
1. In any mode, Press and hold the “DISPLAY” button → System settings → Equalizer” on the front panel control.
  2. Press “TURN “SELECT” dial to select the desired option (My EQ) (Normal / Classic / Jazz / Pop / Rock / Speech).
  3. Press “SELECT” button to confirm, and the equalizer setting is completed.

## Set up My Equalizer (MyEQ)

- **NOTE:** My Equalizer is a user-defined setting through bass and treble adjustment:
1. In any mode, press and hold the “DISPLAY” button → System settings → Equalizer→ My EQ” on the front panel control.
  2. Press “SELECT” dial to select the desired option (Treble / Bass)”, then press “SELECT” button to confirm.  
Treble: +7 to -7.  
Bass: +7 to -7.

## Set the time and date

In any mode, press and hold the “DISPLAY” button → System settings → Time → Set Time / Date” on the Front Panel.



The Time menu contains the following options:

- Set Time / Date—(see below)
- Auto update- Update from Any / Update from DAB / Update from FM / No Update
- Set 12 / 24 hour- 12 / 24
- Set date format -dd-mm-yyyy / mm-dd-yyyy.

## Set time/date

This option is form annually setting the time and date displayed. The time displays as *hh:mm AM / PM*, with the first value, “*hh*” active (flashing). Adjust each value using the left / right rotary control and press “SELECT” dial to confirm. The next value then becomes active and flashes.

The date values follow and are set in the same way.

- **NOTE:** *The date displays as dd-mm-yyyy or mm-dd-yyyy depending on your choice of date format (see above).*

### **Set Backlight**

- **NOTE:** *High-brightness backlight provides you a clear view of your radio screen.  
Low-brightness backlight is for energy saving purpose.*

Under the condition of power on:

1. In any mode, Press and hold the “DISPLAY” button → System settings → Backlight” on the front panel control.
2. Press “SELECT” dial to select the desired option:  
**Timeout:** set up delay time for display backlight (**On / 10 / 20 / 30 / 45 / 60 / 90 / 120 / 180**)  
**On Level:** set up display backlight brightness (**High / Medium / Low**).  
**Dim Level:** set up standby display backlight brightness (**High / Medium / Low**).

### **Idle & Standby**

1. In any mode, Press and hold the “DISPLAY” button → System settings →Inactive Standby” on the front panel control.  
Turn “SELECT” dial to choose your preferred setting (Off / 2 / 4 / 5 / 6 Hours) and press the “SELECT” button to confirm.
2. In any mode, press and hold the “DISPLAY” button → System settings →Inactive Standby access inactive standby settings by pressing the Tuning/Select button when <Inactive standby> is shown in the display. Turn the “SELECT” dial until you reach your desired setting. Press the “TUNING/SELECT” button to confirm your choice.

### **Set Language**

1. In any mode, Press and hold the “DISPLAY” button → System settings →Language” on the front panel control.
2. TURN “SELECT” dial to select the desired language type (English / Espanol / Francais / Italiano / Nederlands / Norsk / Polski / Suomi / Dansk / Deutsch), press “SELECT” button to confirm.

### **Restore factory settings**

- **NOTE:** *Doing this will delete all the preset stations, alarms and time settings, and return the radio to its original factory settings.*


In any mode, press and hold the “DISPLAY” button → System settings → Factory Reset” on the front panel to pop up the dialogue box, asking for confirmation whether to restore the factory settings (No / Yes); press “SELECT” button to confirm.

### **Software Version**

- **NOTE:** *The helpdesk may ask you for the software version of your product.*

In any mode, press and hold the “DISPLAY” button → System settings → SW version on the front panel; press “SELECT” dial to confirm, and you can view the software version information.

## Set Sleep Timer

- **NOTE:** Your radio is smart; it can put itself into sleep mode after receiving your command.
1. In any mode, press "SLEEP" button on the front panel to display "Set Sleep Timer" on the screen.
  2. Press continuously "SLEEP" button to adjust sleep duration "Sleep Timer Off / 15 / 30 / 45 / 60 / 90 minutes".
  3. After selecting the sleep time, it will automatically return to the main screen, and the screen will display an icon of sleep and the remaining sleep time. 
  4. The radio will automatically enter standby mode once the set time is reached.
  5. To continue listening to the program, press "POWER" button on the front panel.

## Set Alarm

- **NOTE:** When setting the alarm, please make sure the clock time is set in advance.

In any mode, press "ALARM" button on the front panel to enter the alarm setting.

1. Press ALARM to enter "Alarm 1 Setup", and then press ALARM again to enter "Alarm 2 Setup".
2. Taking Alarm 1 setting as an example, press the "alarm" key and then the "SELECT" dial to enter Alarm 1 setup.

Next, follow your radio's instructions to configure the following parameters:



- \* On time: 00:00 (time of alarm ringing)
- \* Duration: 15 / 30 / 45 / 60 / 90 / 120 minutes
- \* Sound source: Buzzer, DAB or FM
- \* Set frequency of alarm ringing:

If DAB or FM is chosen as the audio source you will also be prompted to select the Last played station

Daily / Once / Weekends / Working days

- **NOTE:** if you choose 'Once', you are prompted to enter the required date.

- \* Volume level: 4 to 16
- \* Alarm states: On or off

3. After the alarm is set, the main screen appears back 
4. Turn off the alarm: press "ALARM" button or press "POWER" on the front panel to turn off the alarm and switch the radio to standby. 

## Postpone Alarm

When the alarm is ringing, press the "VOLUME/ SNOOZE" dial to postpone the alarm for 5 / 10 minutes, or repeatedly press this dial for a long snooze.

## Specifications

Items	Specifications
Function description	DAB / DAB+ / FM / Bluetooth / AUX In / Alarm / Sleep / Clock
Amplifier rated output power	7 watts RMS@1%THD
Speaker	Full-range 3-inch x 1, 4 Ohm
Frequency range	FM: 87.5-108MHz DAB / DAB+: 174.928–239.200MHz (5A~13F)
LCD display	Black background and white characters,128 x 64 dots LCD display.
Power supply	External power supply, DC output 1.5A, 12V DC AC input: 50-60Hz, 100-240V AC; (Please use the supplied power adapter)
Dimensions	216mm x 127mm x 130mm



This symbol on the product or in the instruction manual indicates that when your electrical or electronic device reaches the service life, it should be disposed of separately from household waste. In the EU there is a separate recycling system.

For more information, please contact your local authorities or the retailer where you purchased the product.

## Guarantee

- If the product fails, please contact your supplier.
- Remember that many outlets will require that you have a valid proof of purchase.
- This product has 3 years' warranty only under normal usage against defects in workmanship and material.