



**DEUTSCH
NEDERLANDS
NORSK
ČEŠTINA**

**ENGLISH
FRANÇAIS
ITALIANO**

Hersteller

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DAB650SI

ENVIRONMENTAL PROTECTION



Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging.

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.

	WARNING Risk of electric shock Do not open!	
Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.		



This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.



This symbol indicates the presence of important operating and maintenance instructions for the device.

Safety, Environmental and Setup Instructions

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- Do not open the device. **RISK OF ELECTRIC SHOCK!** Refer opening and servicing to qualified personnel.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- Only use mercury and cadmium-free batteries.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!!
Return the batteries to your dealer or to collection points in your community.
- Keep batteries away from children. Children might swallow batteries.
Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION: Danger of explosion if battery is incorrectly replaced
Replace only with the same or equivalent type



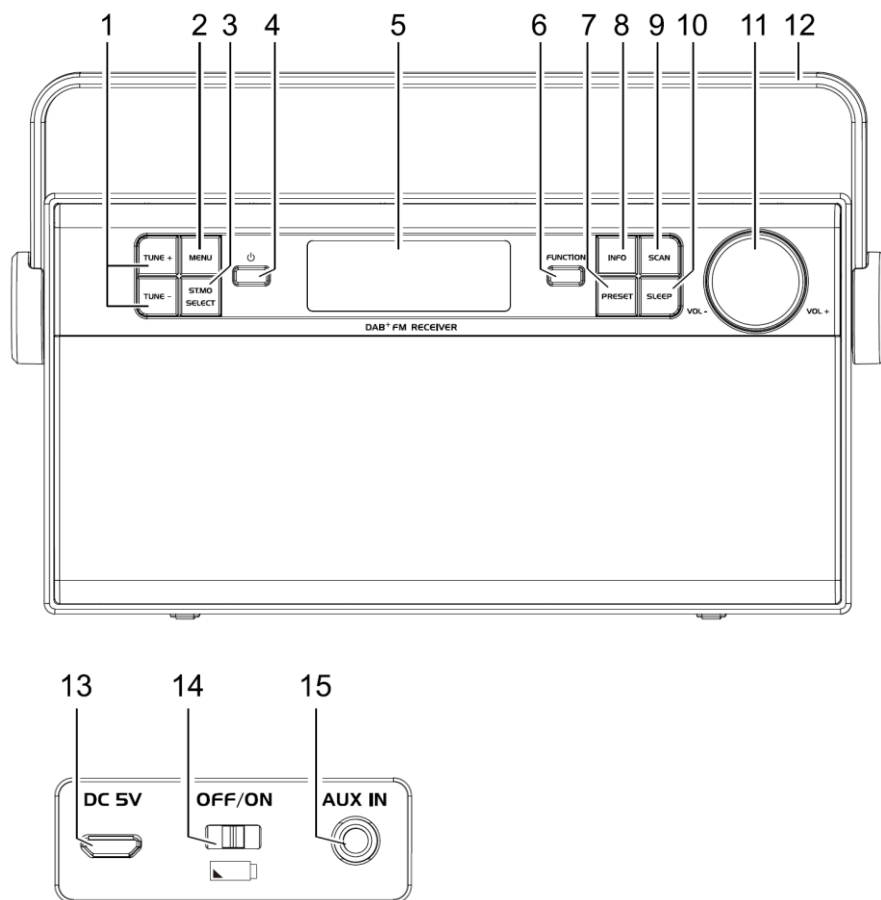
Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recycling - no matter whether or not the batteries contain harmful substances *).

Return batteries free of charge to public collection points in your community or to shops selling batteries of the respective kind.

Only return fully discharged batteries.

*) marked Cd = cadmium, Hg = mercury, Pb = lead

CONTROLS & CONNECTIONS



1. TUNE + /- button
2. MENU button
3. ST.MO/ SELECT button
4. STANDBY button
5. LCD Display
6. FUNCTION button
7. PRESET button
8. INFO button
9. SCAN button
10. SLEEP button
11. VOLUME knob
12. HANDLE
13. DC input socket
14. Power ON/OFF switch
15. AUX in jack

GETTING STARTED

DAB/FM ANTENNA

Before using your radio for DAB or FM reception, full extend the telescopic antenna which located at the back of unit.

You may need to adjust the position of the telescopic antenna for maxing signal strength. For the first time to start to use this radio, the unit will perform DAB full scanning.

Connect Power

You can use this radio player on AC power or built-in type battery power.

Battery Life (Approx. hours) 4-6 hours depends on volume level.

Caution:

Risk of product damage! Make sure that the power supply voltage corresponds to the voltage printed on the back or the underside of the product.

- Risk of electric shock! When you unplug the AC adapter, always pull the plug from the socket. Never pull the cord.
- Use only the AC adaptor specified by the manufacturer or sold with this unit.

Setting the clock

The clock on your radio is automatically set when first used from the time signal broadcast with DAB radio stations.

If a DAB station is not available, the clock may be set manually via the **MENU** system. (Please refer to **CLOCK SET** page).

- Clock display will keep running if connected to AC power.
- In order to save battery life, there were no Clock displayed during Standby mode if operated with DC battery.

Backlight

Adjust backlight only operate in AC power.

During Standby mode, press and hold MENU button in 3 secs then press TUNE +/- to adjust the backlight level (Min. 0-10 Max.).

POWER CONTROL

Using AC power

Connect the adaptor cable to the DC socket (Micro USB) then plug adaptor to the wall socket.

- Slide the power switch to “ON” position then press the STANDBY ⏻ button.
- The display will light and the unit will switch on.

To turn the unit in STANDBY mode:

- Press the STANDBY ⏻ button. The clock will continue to run whilst mains power is connected.

Using battery power

Charging the battery.

- Slide the power switch to “ON” position.

Connect the adaptor cable to the DC socket (Micro USB) then plug adaptor to the wall socket.

Switch on the radio

- Slide the power switch to “ON” position then press the STANDBY ⏻ button.
- The display will light and the unit will switch on.

Switch off the radio

To turn the unit in STANDBY mode:

- Press the STANDBY ⏻ button and the display will be switch off completely.

Note: The clock will not continue to run when using DC power.

Battery power indication will be appear on LCD display.



ENERGY SAVING/ ERP2 REGULATION

This device is equipped with an **AUTOMATIC SWITCH OFF / STANDBY SYSTEM** for energy-saving requirements. This is regulated by an EU-standard and is NOT A MALFUNCTION.

BASIC FUNCTION

Adjust the volume

To adjust the volume from the front panel controls:
Turn the VOLUME knob to increase or decrease the volume level.

Clock setup

SET TIME/DATE: This main option enables the clock to be set manually if there is no available DAB transmission.

To set the time and data manually:

1. In DAB or FM mode, press MENU button to access DAB / FM MENU.
2. Press TUNE +/- to scroll the menu options:
[Main menu]
⇒ SYSTEM [Clock Setup]
3. Set the Clock setup to Manual (Defaulted at Radio)
4. To select an option, press SELECT button
5. Repeat steps 2-4 if any sub-option is available under an option.

RADIO

Listen to DAB radio

1. Press FUNCTION button repeatedly to select DAB radio.
[Tuning.....] is displayed.
2. Press SCAN button to start full scan.
The unit stores all the DAB radio stations automatically and then broadcasts the first available station.
3. The station list is memorized in the unit. Next time when you turn on the unit, the station scan does not take place.
4. If no DAB station is found, [Not available] appears on display.

To tune to a station from the available station list:

- In DAB mode, press TUNE +/- to navigate through the available DAB stations.

Store DAB radio stations automatically

Note: New stations and services will be added in the DAB broadcast. To make new DAB stations and services available, perform full scan regularly.

- In DAB mode, press SCAN button, the unit scans all the available DAB radio stations and stores them.

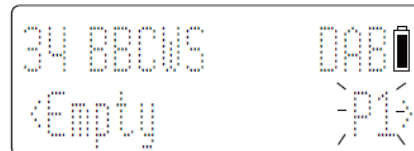
Select a preset DAB radio station

- In DAB mode, to select any preset number; press PRESET.
- Press TUNE +/- repeatedly then press SELECT to select the preset station.

Store DAB radio stations manually

Note: You can store a maximum of 10 preset DAB radio stations.

1. Tune to a DAB radio station.
2. Press and hold PRESET button in 3 secs, then press TUNE +/- to select a preset number.
Display show **P1** and briefly.
3. Press SELECT to confirm.
4. Repeat steps 1-3 to store other DAB stations.



Show DAB information

During DAB radio broadcast, press INFO button repeatedly to scroll through the following information (if available):

- Station name
- Channel and frequency
- Audio bit rate
- Signal strength
- Time/ Date
- Dynamic label segment (DLS)
- Program type (Prg Type)

Use DAB menu

1. In DAB mode, press MENU button to access the DAB menu
2. Press TUNE +/- to scroll through the menu options:
 - [Full scan]: scan all the available DAB radio stations
 - [Manual tune]: tune to a specific channel/frequency manually and add it to the station list.
 - [DRC]: add or remove a degree of compensation for the differences in the dynamic range between radio stations.
 - [Language]: English / German
3. To select an option, press SELECT button.
4. Repeats steps 2-3 if any sub-option is available under an option.

Main Menu

[SYSTEM]

- Clock setup: Set time synchronization by radio or manual; set time and date.
- SW version: know the software version of the unit.
- Factory Reset: reset all the settings to factory default.

Note: If no button is pressed within 15 seconds, the menu exits.
This is not a mal-function.

Listen to FM radio

1. Press FUNCTION button repeatedly to select FM radio.
2. Press SCAN button to start auto scan or
Press TUNE +/- button to tune to a radio station.
3. Press and hold TUNE +/- button to tune to the next strongest radio station.

Mono/ Auto (Stereo) mode

Press ST.MO button to select Audio mode to MONO or AUTO.

Store FM Radio stations manually.

1. Tune to FM radio station.
2. Press and hold PRESET button in 3 secs to activate programming mode.
3. Display show P1 and briefly, press TUNE +/- repeatedly to select a preset number
4. Press SELECT to confirm
5. Repeat steps 1-4 to store more FM stations.

Select a preset FM radio station

- In FM mode, to select any preset number; press PRESET.
- Press TUNE +/- repeatedly then press SELECT to select the preset station.

Use FM menu

1. In FM mode, press MENU button to access FM menu.
2. Press TUNE +/- to scroll the menu options:
[Scan setting]
[Audio setting]
[Language] : English / German
[Main menu]
3. To select an option, press SELECT button
4. Repeat steps 2-3 if any sub-option is available under an option.

Scan setting

- [All stations]: scan all the available radio stations.
- [Strong only]: scan stations with strong signals only.

Audio setting

- [Stereo allowed]: scan the radio stations in stereo. (Defaulted)
- [Forced mono]: scan the radio stations with mono only.

Show RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information.

1. Tune to a RDS station.
2. Press INFO repeatedly to scroll through the following information (if available):
 - [Program Type]
 - [Radio text]
 - [Signal strength]
 - [Date/Time]
 - [Frequency]
 - [Stereo/Mono] – Audio mode. This option enables you to set the radio to receive FM stations in Auto mode (Mono/Stereo) or in Mono only.

Factory Reset: This option will restore all settings to 'factory original'. All clock, station lists and stored preset stations will be cleared. After factory reset the radio will automatically re-scan the DAB band.

ADDITIONAL FEATURES

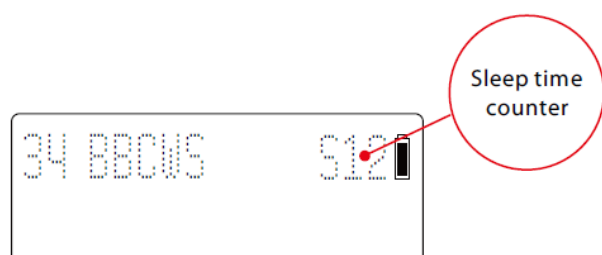
Aux in

Connect your auxiliary device to the 3.5mm AUX IN socket on the back of the unit. An auxiliary device could be a MP3 player, a CD Walkman or a personal computer etc.

SLEEP function

During DAB/ FM/ AUX mode, press SLEEP button repeatedly to choose the sleep time. The sequence is OFF > 15 > 30 > 45 > 60 > 75 > 90 mins.

After that press SELECT button to confirm the sleep time, the LCD display will indicate the remaining sleep time. The radio player stops playing after the chosen time has elapsed.



TROUBLESHOOTING

PROBLEM	CAUSE / SOLUTION
No power	<ul style="list-style-type: none"> - Slide the power switch to ON position. - Ensure that the power plug is connected properly. - Ensure that there is power at the AC Mains. - Ensure that the batteries are fully charged. - If a ' Battery ' icon is empty appears on the screen, please use the included 5V1A adaptor and charge the unit or use the AC power instead.
No sound	<ul style="list-style-type: none"> - Adjust the volume - Make sure AUX in cable was not connected if listen to FM/ DAB radio
No response from the unit	<ul style="list-style-type: none"> - Slide the power switch to OFF position. Disconnect and reconnect the AC power plug, then turn on the unit again.
Poor DAB/ FM reception	<ul style="list-style-type: none"> - Make sure Antenna is fully extended. - Electrical interference in your home can cause poor reception. Move the unit away from them (especially those with motors and transformers).

SPECIFICATIONS**General**

Power requirements:

AC Power

100-240V ~ 60/ 50Hz , 0.3A Max

DC input:

5V  1A

Rechargeable Li-ion Battery:

Type:

BL-5C battery (3.7 V, 1050 mAh)

* Use specified charger only. *

Power consumption:

9 W (operation)

Battery playback time:

4-5 hrs at 50% volume level.

Weight of main unit:

0.65 kg

Dimensions- Main Unit

(W x H x D) 248 x 63 x 153 mm

Output Power:

4 Watt

Tuner

DAB:

174.928 – 239. 200 MHz

FM Tuning range:

87.5 MHz to 108 MHz

Preset memory stations:

DAB-10 / FM-10

Aux-in

3,5mm Aux-in jack, cable not included.

Features and specifications are subject to change without prior notice.

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