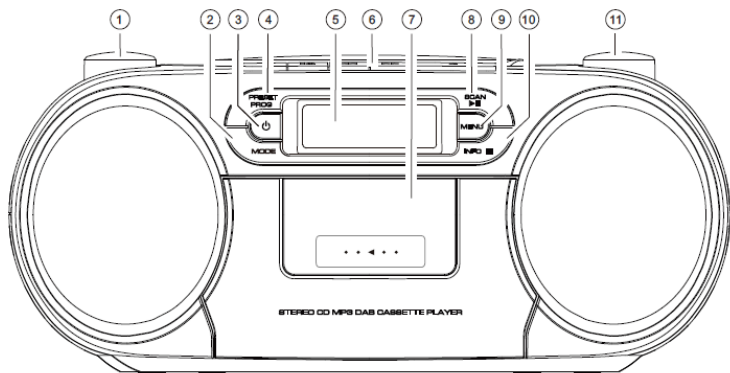
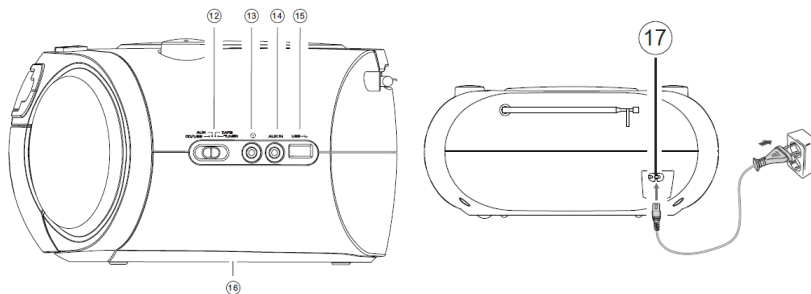


CONTROLS & CONNECTIONS



SIDE AND BACK



- | | | |
|------------------------|---------------------------------|-------------------------|
| 1. Volume knob | 8. Scan/ Play pause button | 15. USB jack |
| 2. Mode button | 9. Menu button | 16. Battery compartment |
| 3. Standby button | 10. Info/ Stop button | 17. AC socket |
| 4. Preset/ Prog button | 11. Tuning/ Select, ◀▶▶▶ | |
| 5. LCD Display | 12. Function selector | |
| 6. Cassette button | 13. Headphone jack | |
| 7. Cassette door | 14. Aux-in jack | |

GETTING STARTED

DAB/FM AERIAL

Before using your radio for DAB or FM reception, pull out the telescopic antenna. You may need to adjust the position of the telescopic antenna for maxing signal strength.

CONNECTING POWER

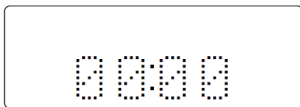
Before connecting the power, check that the mains voltage on the rating plate is the same as the voltage in your area.

- Plug the AC cord into the AC socket at the back of the unit.
- Plug the VDE plug into the wall socket.
- Set the **Function** selector to desired position then press **Standby** button.

The unit is now ready for use.

NOTE:

When first connected to the power, the clock display will show "zeros".



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).

POWER CONTROL

STANDBY CONTROL

To turn the unit on:

- Press the **STANDBY** button on the top panel.

The display will light and the unit will switch on. To

turn the unit in **STANDBY** mode:

- Press the **STANDBY** button on the front panel briefly.

This unit will switch off. The clock will continue to run whilst mains power is connected.



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**.

INITIAL SCAN

When this unit is switched on for the first time at **TUNER** mode, then press **MODE** button switching to **DAB**, the scanning display will be shown while the scanning process takes place:



The radio scans all usable stations (full scan) and stores them alphanumerically -1 Radio, 2 Radio, AA Radio, AB Radio... The initial scan will take a few minutes. After the scan, the clock will be set and the radio will play the name of the first station in the sequence. To browse for another station, refer to the next section.

BROWSING FOR A STATION

To browse for another DAB station from the top panel controls:

- Turn the **TUNING** knob.

<Station list> will be displayed.

- Press the **TUNING/ SELECT** knob to select the station displayed.

After short delay, the radio will tune to the station



TUNING



SELECT

ADJUSTING THE VOLUME

To adjust the volume from the front panel controls:

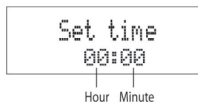
Turn the **VOLUME** knob to increase or decrease the volume level.

CLOCK SET

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:

- When unit during **Standby mode**, press **MENU** button then turn the **TUNING** knob to select Set Clock. Press **TUNING/ SELECT** knob to confirm.
- Set the clock mode 12/ 24 Hour, turn the **TUNING/ SELECT** knob to choose 12 or 24 time format then press again to next setting.
- Set Hour, turn the **TUNING/ SELECT** knob to set the hour, then press again to confirm
- Set Min, turn the **TUNING/ SELECT** knob to set the minute, then press again to confirm



SW VERSION: This option will display the version number of the control software currently installed in your radio.

This will be helpful to a technician who is servicing this product.

When unit during Standby mode, press **MENU** button then turn the **TUNING** knob to select SW Version.

Press **TUNING/ SELECT** knob to confirm.

Display will show the current software version.

SELECTING A SOURCE

SOUND SOURCES

- You can choose to listen to following sources-
- TUNER: DAB+ radio/ FM radio
- CD/ MP3 playback
- USB MP3 playback
- Tape playback
- Aux source (when connected via the AUX jack on the right side of unit).

Selecting a source:

Set the function selector to desired function.

TUNER: press **MODE** button to select DAB or FM radio

CD/USB: Press **MODE** button to select CD playback or USB playback

DAB SCANNING

RE-SCANNING FOR DAB STATIONS

When first used, your radio scanned the DAB band for available stations. The station services found were then stored in your system's memory.

You can re-scan the band at any time if you move to a different area or just to refresh the stored list of available stations.

To scan for DAB stations manually:

- Set the function selector to **TUNER**, then press **MODE** button to select **DAB** mode.
- Press the **SCAN** button on the front panel.

The scanning process will take a few minutes. The number of services found during the scan will be shown at the right side of the display.

After the scan, the radio will re-tune to the first station in the station list to play if it is available. To select this station, you can continue to browse for another station as described on the previous page.

FULL SCAN: Press **SCAN** button to enable Auto scan

MANUAL TUNING: Press and Hold the **TUNING** knob in few second until display show "Manual tuning". Right now enables you to search the band manually, stepping through the ensemble numbers to check if any have usable signal strength.

Manual tuning is not necessary in normal operation where scanning will have automatically established a station list of all useable stations.

DAB DISPLAY MODES

DISPLAY MODE OPTIONS

The bottom line of the display can be switched to show different items of information that may be transmitted with a DAB station.

Choosing the information display:

Press the **INFO** button on the front panel repeatedly to change the information displayed while playing a DAB radio station.

The full range of display options are shown below. Some stations may not broadcast all of these options.

DLS Scrolling Text > Program Type > Ensemble name> Ensemble Frequency > Audio Bit Rate> Signal Strength > Time/ Date

DLS (Dynamic Label Segment): This is a scrolling message giving real-time information-song titles, news headlines, etc.

PROGRAMME TYPE: This describes the style of the program being broadcast.

ENSEMBLE NAME: DAB Digital radio stations are broadcast in multiplexes. Each multiplex is a bundle of radio stations transmitted in a signal frequency. There are national and local multiplexes; local ones contain stations specific to your area. This option displays the name of the ensemble name that contains the station you are listening to

SIGNAL STRENGTH: This setting will display a signal strength bargraph. The longer bargraph means the stronger signal. Setting the display to show signal strength is useful when setting up the aerial for the strongest signal.

TIME/DATE: Time and date are updated by broadcasted information.

ENSEMBLE FREQ: This option will display the multiplex number and frequency that contains the station you are listening to.

AUDIO BIT RATE: DAB allows broadcasters to vary the BIT RATE (or the amount by which an audio signal can be compressed) depending on the type of broadcast. This enables the amount of stations on a multiplex to be maximized. Speech and News are often broadcast at a lower Bit Rate; music needs a higher Bit Rate for good fidelity.

STATION PRESETS

To store any preset 1-20 either DAB or FM radio.

- Tune to the station you want to store as a preset.
- Press and hold the **PRESET** button. "

Preset empty 1 " will be displayed.

- Turn the **TUNING** knob repeatedly to find the preset number you want to store.

For each preset number the preset station currently stored will be displayed or "**Empty**" if none is stored.

- Press the **SELECT** button to confirm if you want to store the station in the displayed preset number.

To recall any preset 1-20

- Press the **PRESET** button briefly.
- Turn the **TUNING** knob repeatedly to find the preset number you want to play.
- Press the **TUNING / SELECT** knob briefly to play the preset.

FAC TORY 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.

- During **DAB** mode, press and hold **INFO** button 2 seconds until display show "Press ENTER key to reset"
- Press **SELECT** knob to confirm.

LISTENING TO FM RADIO

This unit can also receive FM band radio stations and display RDS data (where broadcast).

To change to the FM band

- Set the function selector to **TUNER**, press **MODE** button to select **FM** mode.

Tune to FM stations

- Press the **SCAN** button to search for the next station in the band.
- Turn the **TUNING** knob for manual tune.

The radio will search and the tuning frequency will be displayed whilst searching.

When a usable station is detected the radio will stop tuning and play the station. If RDS data is present, the station name and scrolling radio text will be displayed. If RDS data is not present, the tuned frequency will be displayed.

DISPLAY MODE OPTIONS

The bottom line of the display can be switched to show different items of information that may be transmitted with a FM station.

Choosing the information display:

Press the **INFO** button on the front panel repeatedly to change the information displayed while playing a FM radio station.

The full range of display options are shown below. Some stations may not broadcast all of these options.

Audio mode > Radio Text > Program Type > Signal Strength > Time/ Date > Frequency

FM MONO/ STEREO/ AUTO OPTIONS

During **FM** mode, press the **TUNING/ SELECT** knob repeatedly to set Audio mode in **AUTO** or **MONO**.

AUDIO SET TINGS: This option enables you to set the radio to receive FM in Auto mode (Mono/Stereo) or in Mono only. This may be useful if the signal is weak and the broadcast is noisy.

LISTENING TO A CD

LOADING DISCS

This player can playback CD and MP3 audio format.

To select CD operation:

- Set the function selector to **CD/USB** position, press the **MODE** button to select **CD** mode.

Loading a disc:

- Lift up the CD Door on top of the unit slowly.
- Gently place a disc on the center spindle with the label side upward.
- Once in place, press the center of the disc until it clicks into place on the turntable.
- Close the CD door. After a few seconds the disc will read and the disc data.

Unloading a disc:

- If the disc is playing, press the **STOP** button and wait a few seconds for the disc to stop.
- Lift up the **CD door** slowly. Grip the disc at the sides and lift it out of the disc compartment.

CD PLAYBACK, PAUSE:

- Load the CD.
- Press the **▶II SCAN/** button to start the CD playing
- When a CD is playing, pressing the **SCAN / ▶II** button at any time will pause playback. Press the button again to re-start play.

Selecting tracks:

- Turn the **TUNING** knob **◀◀ ▶▶** briefly to select the previous or next track from the disc.

CD REPEAT AND RANDOM

REPEAT AND SHUFFLE FUNCTIONS

You can repeat a single track, the whole disc or select random to play the tracks in a random sequence.

To set a repeat or random mode:

Press the **MENU** button to cycle through the options of "**RepA**" (repeat current track), "**Rep1 ALL**" (Repeat the disc) or "**Rand**" (play tracks in a random sequence).

The Repeat, Repeat All or Random symbol will be displayed.

PROGRAM PLAY

REPEAT AND RANDOM FUNCTIONS

When playing a CD, you can store a random sequence of up to **60** tracks to play in your preferred order.

To store a CD program:

- In CD Stop mode, press the **PRESET/ PROG** button.
- Turn the **TUNING** knob to select the track number for the first track you want to program. Displays showing **T000** ("000" means your desired track number)
- Press the **PRESET/ PROG** button to store this track into the program memory. The track will be store and the program counter will increase to "**P02**".
- Repeat the above two steps to store the next and subsequent tracks in your program sequence.
- When you have finished entering all tracks in your program, press the **SCAN/ ▶II** button to start the program playing.

To clear a program

- During program playing, press the **STOP** button twice.
- Open the CD door.

LISTENING TO AN USB

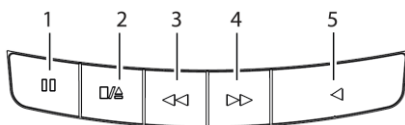
1. Set the **FUNCTION** selector to **CD/USB**.
2. Press the **MODE** button until display show **USB**.
3. Press **▶||** button to playback the music.
4. The operation procedures are the same as CD playback. Refer to general control for details.

NOTE:

- Compatible storage device (up to 32GB) .
- Please do NOT use a USB extension cable to connect your USB flash drive. Such cable can pick up additional interference which can corrupt the data flow.
- Always connect your USB flash drive directly to the USB port without USB extension cable.
- Due to some USB drive manufacturer's non-compliance with the full USB 1.1/ 2.0 standard. A small percentage (about 5%) of USB flash drive might not be compatible

CASSETTE PLAY

1. **|| PAUSE BUTTON**
Pauses playback
2. **■▲ STOP/EJECT Button**
Stops playback
Opens the cassette door
3. **◀◀ F.FED Button**
Fast forwards playback
4. **▶▶ REW Button**
Fast reverses playback
5. **◀ PLAY button**
Plays back cassette



Cassette Playback

1. Set the **FUNCTION** selector to **TAPE** position.
2. Press the **■▲** button to open the cassette compartment door, and insert a cassette and close the cassette compartment door.
3. Press the **◀** button to start playback.
4. To pause playback, press the **||** button. To resume, press the button again.
5. To stop the tape, press the **■▲** button.

Fast Forwarding/Rewinding

1. Press the **◀◀** button until you reach your desired passage.
2. Press the **▶▶** button to stop fast forwarding/rewinding.

- The buttons automatically release at the end of a cassette and the unit is switched off (unless the **||** button is pressed.)
- During fast forwarding/rewinding, the buttons will not be released at the end of a cassette. To switch off the unit, make sure the cassette buttons are all released by pressing the **■▲** on.

AUX IN / HEADPHONES JACK


To play music from an external Audio player
Connected to the **AUX IN** jack

- Set the function selector to **AUX** position.
- Set the volume level on your Personal Audio player up

To about half level.

- Set the volume on your audio system to the level you require. If the volume will not set high enough you may need to increase the volume setting on the player.

NOTE: - It is not possible to navigate the menu system from your external audio device with this player if it is connected via the AUX IN jack.

There is a **headphone**  output jack at the side of the unit. If headphones are connected to this socket for private listening, the speakers will cut out automatically.

CARE AND MAINTENANCE

CARE AND CLEANING

All care and cleaning operations should be carried out with the unit unplugged from the mains power.





The surface of the unit can be cleaned with a barely damp cloth and then dried carefully.

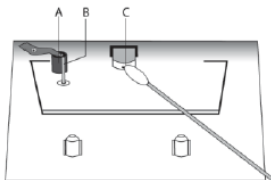
Never

use abrasives, abrasive cloths or chemical solvents.

Cleaning the Tape Deck

Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid to clean the deck.

1. Press the  button to open the cassette compartment.
2. Press the  button and clean the rubber pressure rollers (A).
3. Press the  button and clean magnetic heads (C) and Capstan (B).
4. After cleaning, press the  button.



Note: Cleaning of the heads can also be done by playing a cleaning cassette through once.

Care and maintenance

Compact Disc Care

To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.



Finger prints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.



Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit. Never write on or stick any labels to the surface of compact discs.

Care of the cabinet

If the cabinet becomes dusty, wipe it with a soft dry dust cloth. Do not use any wax, polish sprays or abrasive cleaners on the cabinet.

Caution

Never allow any water or other liquids to get inside the unit while cleaning.

TROUBLESHOOTING

Poor quality radio reception

The aerial signal may not be adequate. Try repositioning the aerial while watching the signal

strength. Signal strength can be displayed by tuning to a DAB station. Press the **INFO** button then turn the TUNING knob,

PROBLEM	CAUSE /
No sound / power	<ul style="list-style-type: none">• Volume not adjusted. Adjust the volume.• Mains cable not securely connected. Connect the mains cable properly.• Batteries dead/incorrectly inserted. Insert (fresh) batteries correctly.• CD contains non-audio/ Mp3 files. Turn the TUNING knob repeatedly to skip to a CD or MP3 audio track, instead of the data file.• Ensure the function selector is switched to the correct work.• Ensure the current MODE is correctly selected.
CD display does not function properly / No reaction to operation of any of the controls	<ul style="list-style-type: none">• Electrostatic discharge. Switch off and unplug the unit. Reconnect after a few seconds.• No CD inserted. Insert a CD.• CD badly scratched or dirty. Replace or clean the CD, see Maintenance.• Laser lens steamed up. Wait until lens has cleared.• CD-R / CD-RW is blank or not finalized. Use a finalized CD-R / CD-RW or a suitable CD Audio disc only.• Make sure the CD is not encoded with Copyright protection technologies, as some do not conform to the Compact Disc standard.• Set the FUNCTION selector to CD/USB position, then Press MODE button switching to CD mode.
The CD skips tracks	<ul style="list-style-type: none">• CD damaged or dirty. Replace or clean CD.• Program is active. Quit program mode.• A CD badly scratched or dirty may result in improper operation.
Poor Cassette Sound Quality	<ul style="list-style-type: none">• Dust and dirt on the heads, etc. Clean deck parts, see Maintenance.• Use of incompatible cassette types (METAL or CHROME).
Poor DAB/ FM reception	<ul style="list-style-type: none">• Make sure FM aerial wire is fully extended.• Electrical interference in your home can cause poor reception. Move the unit away from them (especially those with motors and transformers).

WARRANTY & SPECIFICATIONS

SPECIFICATIONS

Supply voltage, current : AC 230V ~ 50Hz

Power consumption . . . : 16W

Battery supply. :  9V (6 x "C" SIZE R14).

Output power. : 2 x 1.2W

Frequency range. : 174.928-239.200 MHz (DAB)

87.5-108 MHz (FM)

Dimensions (WxDxH) . . . : 300 x 295 x 134 mm

Weight. : 1.29kg



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.