AUDIAL

Welcome!
Digital Radio

JDW

DAB Radio Boombox

Instruction Manual
Model Ref: D88

Introduction

Thank you for choosing this DAB Radio Boombox. This product is manufactured to the highest standards of performance and safety.

Before use, please read this manual carefully. It gives important instructions about safety, use and maintenance of your device.

Remove all packaging material. You may wish to keep the packaging for future use or storage of your device. Alternatively, dispose of accordingly.
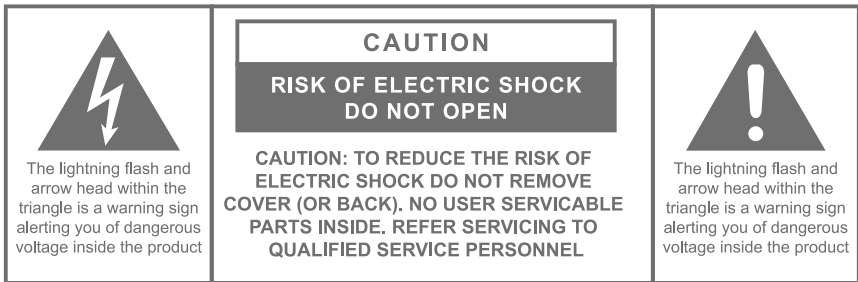
Contents

IMPORTANT SAFETY INFORMATION

WARNING - To reduce the risk of fire, electric shock, or injury:

1. This boombox is for domestic use only. Do not use outdoors or on wet surfaces.
2. Do not handle the plug or boombox with wet hands.
3. Do not immerse the main body in water.
4. This boombox can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, if they have been given supervision or instruction concerning the use of the boombox in a safe way and understand the hazards involved.
5. Children must not play with the boombox.
6. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.
7. Keep the boombox and its power cord out of reach of children less than 8 years.
8. This product is not a toy.
9. Do not use the boombox if any parts appear to be faulty, missing or damaged.
10. Do not use the boombox if it has been dropped or damaged in any way.
11. Check to ensure that the electricity supply matches that shown on the rating plate.
12. If the power cord is damaged, it must be replaced by a qualified service agent in order to avoid a hazard.
13. Only use this boombox for its intended domestic use. Audial will not accept any liability if the boombox is subject to improper use, or failure to comply with these instructions.
14. Keep the boombox and its power cord away from heat or sharp edges that could cause damage.

15. Do not disconnect the boombox from the mains power supply by pulling the power cord, switch it off and remove the plug by hand.
16. Do not move the boombox when it is in use.
17. Use of an extension cord with the boombox is not recommended.
18. This boombox should not be operated by means of an external timer or separate remote control system.
19. Keep the boombox away from flammable materials.

	CAUTION	
The lightning flash and arrow head within the triangle is a warning sign alerting you of dangerous voltage inside the product	RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL	The lightning flash and arrow head within the triangle is a warning sign alerting you of dangerous voltage inside the product

PRODUCTSPECIFICATIONS

CD Section

Channels	2 Channels (Track & Time)
Optical Pick-Up	3 Beam Laser
Frequency Response	100Hz - 16KHz
Compatibility	CD/CD-R/CD-RW

Radio Section

Receiving Band	DAB/FM
Tuning Range	FM 87.5 - 108Mhz
Antenna	DAB/FM Rod Antenna
Channel Block	DAB (Band III)

General

Output Power	1.2W x 2
Headphone Jack	3.5mm
Power Source	100-240V 60/50Hz
Power Consumption	9W
Weight	1kg
Batteries	8 x C Batteries (Not Included)

PRODUCT OVERVIEW

1. Carry Handle
2. CD Compartment
3. Mode Button
4. Stop/Scan Button
5. Preset/Album Button
6. Skip -/+ Button
7. Info/Menu Button
8. Play/Pause/Select Button
9. Sleep Button
10. Telescopic Aerial Antenna
11. 3.5mm Headphone Jack
12. Function Switch
13. Volume Control Dial
14. AC in Socket
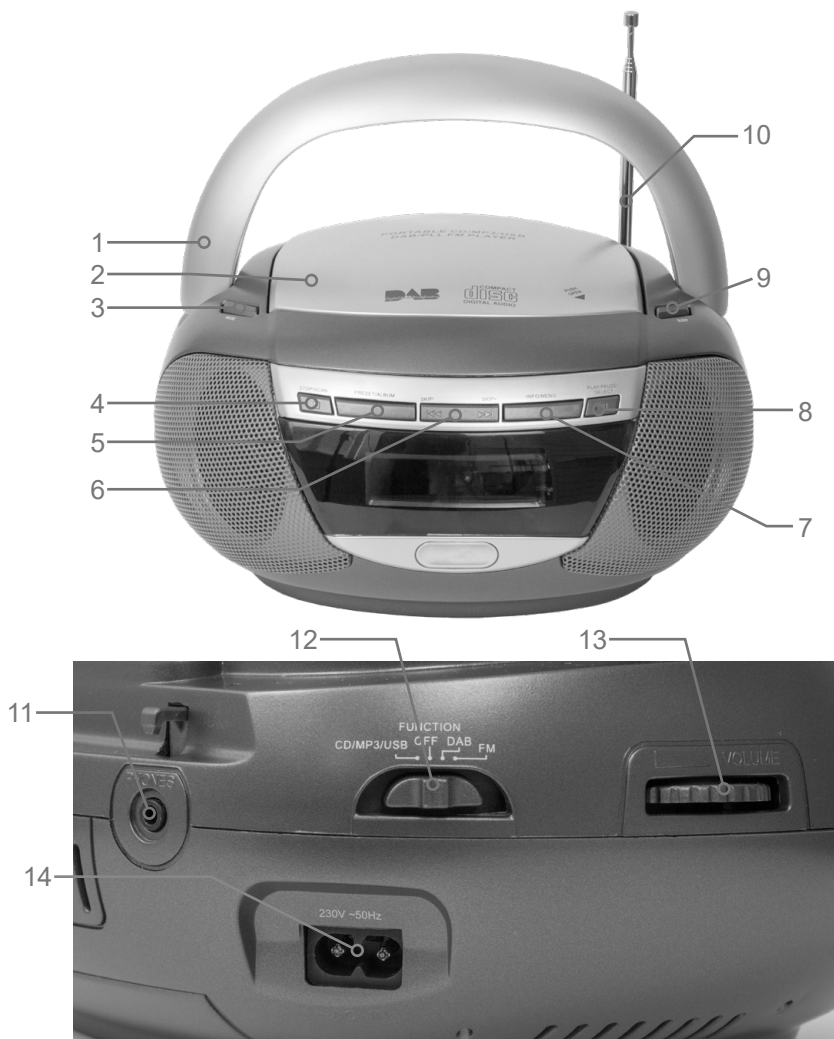
Accessories

Instruction Manual

AC Cord

BEFORE FIRST USE

Information on laser products

Reproduction of labels
1. CLASSIFICATION LABEL, PLACED ON BASE ENCLOSURE.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

2. WARNING LABEL, PLACED INSIDE THE UNIT.

CAUTION: DO NOT OPEN THE UNIT. THERE ARE NO USER SERVICEABLE PARTS INSIDE THE UNIT; CONSULT ALL SERVICING TO QUALIFIED SERVICE PERSONNEL.

Discs for Playback
This system can playback all digital audio CD, finalized digital audio CD-Recordable (CD-R) discs, finalized digital audio CD-Rewritable (CD-RW) discs and CD-DA format digital audio CD/CD-R/CD-RW discs.

Power Source
This unit is designed to be operated on AC/DC.

AC Operation
Plug the smaller end of AC power cord into AC in socket (14) located on the unit and then plug the end into the socket. Any inserted batteries will be automatically disconnected.
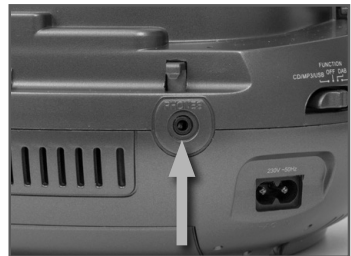
DC Operation
On the base of the unit, open the BATTERY COMPARTMENT DOOR. Install 8 x C Batteries (not included) into compartment. Please follow correct polarities as indicated.

CAUTION!
- *Remove batteries if they are flat or not being used for a long period of time.*
- *Batteries contain chemical substances, so they should be disposed of properly.*

Headphone Operation

1. Connecting the headphones into the 3.5mm headphone jack (11) will deactivate the speakers.
2. Sound adjustments made to the Volume Control Dial (13) also affect the sound through the headphones.

Note: Be sure to turn down the volume before connecting or putting on the headphones.

USING THE RADIO

During operation, you can enter into the System menu in either DAB or FM mode - first press and hold the INFO/ MENU button (7) to enter into the Menu, then repeatedly press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/SELECT button (8) to select "System".

Inside the "System", you can select the following sub menus: Language / Factory Reset / Software Upgrade / SW version To enter into those sub menus, repeatedly press the SKIP- / SKIP+ button (6) followed by pressing the PLAY / PAUSE/ SELECT button (8) to confirm. To step back through the menu to the station display, press and hold the INFO / MENU button (7) again and then release.

Language
You can change the language of your radio, there are 6 options available: English / Dutch / Italian / French / Portuguese.

Note: A "" will be displayed to indicate the current setting.*

Factory Reset
You can reset your radio and restore all of the original factory settings.
To perform factory reset, select <Yes> inside the "Factory Reset" menu, the unit will switch to DAB or FM mode and perform auto scan function, the display will show "Restarting ..." and then "Scanning ...", after the reset is completed, the unit will stay in DAB or FM mode.

Note: All of your stored DAB & FM presets will be deleted once the reset has taken place.

SW Version
The SW version will be displayed and you may wish to take a note here.

Listening to your Radio
HINTS FOR BETTER RECEPTION
This radio is fitted with a single DAB/FM telescopic aerial antenna (10), to obtain the best performance, you should fully extend the antenna (10) and adjust its position as well as the direction until you find the best reception. For ideal DAB reception, always maintain the antenna (10) in an upright vertical position is highly recommended.

DAB Mode
To switch the selector on DAB mode , the display shows "DAB". If the unit is switched on DAB mode for the first time , it will automatically and perform auto scan function. During the scan the display will show "Scanning …" together with a slide bar that indicates the progress of the scan and the amount of stations that have been found so far.
Once the scan has finished, the radio will select the first alphanumerically found station. You can now press the SKIP- / SKIP+ button (6) to explore the found stations followed by pressing the PLAY/PAUSE/SELECT button (8) to select listening to your desired station.

To enter into the DAB Menu, press and hold the INFO/MENU button (7), then repeatedly press the SKIP- / SKIP+ button (6) to step through the following sub menus: Full scan / Manual tune / DRC / Prune / System

Full Scan

The full scan will search for the entire DAB Band III channels. After the scan has finished, the first alphanumerically found station will be automatically selected.

1. To activate full scan, press on the STOP/SCAN button (4) once, the display will show "Scanning …" and a progressing slide bar.
2. All the stations that have been found will be stored automatically, to explore the stations that have been found, press the SKIP- / SKIP+ button (6) and when you find a station that you would like to listen to, press the PLAY/PAUSE/SELECT button (8).
3. You can also select "Full scan" inside the DAB Menu - press and hold the INFO/MENU button (7) to enter into the Menu, then repeatedly press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/SELECT button (8) to select and confirm "Full scan".

Manual Tune

1. To activate manual tune, press and hold the INFO/MENU button (7) to enter into the Menu, then press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/ SELECT button (8) to select and confirm "Manual tune".
2. The display will show "5A" to "13F" and their associated frequencies, press the SKIP- / SKIP+ button (6) to move through the DAB channels, when your desired frequency appears in the display, press the PLAY/PAUSE/SELECT button (8) to confirm. The name of the station group (ensemble/multiplex) will be displayed.
3. To listen to the station selected, press the PLAY/PAUSE/ SELECT button (8) again.

DRC

DRC stands for Dynamic Range Control. The dynamic range for each radio programme is set by the broadcaster for each radio station and may be different for the types of programme broadcast, such as pop or classical music or a chat show. The dynamic range control signal is transmitted in parallel with the audio signal for each programme, And with your radio, you can use this control signal to expand or compress the dynamic range (the difference between the loudest and quietest sounds) of the reproduced audio signal. Changing the dynamic range can affect the 'loudness' and/or 'quality of sound' of the programme that you hear so that it will be more suited to your listening conditions and your own personal listening requirements. E.g. In a noisy environment, where quiet sounds might be swamped, setting the compression to maximum will 'boost' the quiet sounds, whilst keeping the loudest sounds at their original level.

There are 3 levels of compression:
DRC Off - no compression, this is the default setting.
DRC High - maximum compression.
DRC Low - medium compression.

1. To adjust DRC, in DAB mode, press and hold the INFO/ MENU button (7) to enter into the Menu, repeatedly press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/SELECT button (8) to select "DRC".
2. Press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/SELECT button (8) to select and confirm the DRC level - DRC high/low/off.

Note: A "" will be displayed to indicate the current setting.*

Prune

You can remove the DAB stations in the station list that cannot be received in your area. These are listed with a '?' prefix.

1. To perform Prune, in DAB mode, press and hold the INFO/MENU button (7) to enter into the Menu, repeatedly press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/SELECT button (8) to select "Prune".
2. Again press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/SELECT button (8) to select <Yes>.

DAB Secondary Services

On some occasions you will see a ">" symbol directly after the name of the station, this indicates that there are secondary services available to that station. These secondary services contain extra services that relate to the primary station. E.g. a sports station may want to add extra commentaries. The secondary services are inserted directly after the primary station. To select the secondary station, press on the PLAY/PAUSE/SELECT button (8) once.

DAB Display Modes

During DAB operation, repeatedly press on the INFO/MENU button (7) will cycle through the following display modes: DLS > Signal strength > Programme Type > Ensemble/ Multiplex (Group name) > Frequency > Signal error > Audio Bit Rate > Time > Date > DLS > …

DLS

DLS stands for Dynamic Label Segment which is a scrolling message that the broadcaster may include in their transmissions. The message usually includes information such as programme details …etc.

Signal Strength
The display will show a slide bar to indicate the signal strength, the stronger the signal, the longer the bar will be from left to right.

Programme Type
This describes the style of the programme that is being broadcast. If the information is not available, the display will show "<Programme Type>".

Ensemble/Multiplex (Group name)
The Ensemble/Multiplex is a collection of radio stations that are bundled and transmitted together in a single frequency. There are national and local multiplexes, local ones contain stations that are specific to that area.

Frequency
The frequency of the present station will be displayed.

Signal Error
This is displayed as a number between 0-99. It would not be possible to satisfactorily listen to a radio station with a signal error rate of 30 or above. Try adjusting the antenna (13) or relocating your radio to improve reception.

Audio bit rate
The display will show the digital audio bit rate being received.

Time and Date
The time and date will be automatically updated by the broadcasted information; there is no need to set the clock manually.

FM Mode
1. To switch the selector on FM mode , the display shows "FM". The display will show the frequency and the RDS info if available. To go through the RDS infos, repeatedly press the INFO/MENU button (7).
2. To perform manual tuning, repeatedly press the SKIP- / SKIP+ button (6), when your desired frequency appears in the display, release the buttons.
3. To activate auto scan for stations, press and hold the SKIP- / SKIP+ button (6) until it starts to scan down or up the frequency band, the display will show "Scanning …", and it will stop automatically once a station has been found.
4. To enter into the FM Menu, press and hold the INFO/ MENU button (7), then press the SKIP- / SKIP+ button (6) followed by pressing the PLAY/PAUSE/SELECT button (8) to select <Scan setting> and <Audio setting>:

   Scan setting - Strong stations only / All stations
   Audio setting - Stereo allowed / forced mono

Note: A "" will be displayed to indicate the current setting.*

Storing and Recalling Stored Stations
In either DAB or FM mode, you can store up to 20 stations to the favourite presets; this will enable you to get direct access to your favourite stations.

1. To store a preset, first tune to your desired station, then press and hold the PRESET/ALBUM button (5), the display will show "Preset Store <1: (Empty) >".
2. Press the SKIP- / SKIP+ button (6) to select your desired station preset number and then press the PLAY/PAUSE/ SELECT button (8) to confirm your selection, the display will show "Preset # stored".
3. To recall a preset station, first press on the PRESET/ ALBUM button (5) once, and when the display shows "Preset Recall", press the SKIP- / SKIP+ button (6) to scroll up or down the presets that you have stored, when you see your desired preset number in the display, press the PLAY/PAUSE/SELECT button (8).

LISTENING TO YOUR CD'S

NOTE: Although this CD/MP3 player can read CD-R and CD-RW discs in addition to normal CDs, the playability of CD-R and CD-RW discs may be affected by the type of software that was used to create the discs, as well as the quality and condition of the blank media you are using, 100% playability cannot be guaranteed. This is not an indication of a problem with the player.

To select the CD mode, switch the selector to CD/MP3/USB, then "CD" is displayed.

Playing the entire CD
1. Load the disc with the printed label side facing up and then close the CD door. The display will first show "Reading" and then start playback from the first track. The display will show the track number and the play time.
2. To interrupt playback, press the PLAY/PAUSE/SELECT button (8) once, and the playback will be paused.
3. To resume playback, press the PLAY/PAUSE/SELECT button (8) again.
4. To stop playback, press the STOP/SCAN button (4), the display will show the total number of tracks in the disc.
5. To select a different track during playback, press the SKIP- / SKIP+ button (6) button until you read your desired track number in the display, playback will be started from this track.

Repeat Play and Random Play
During normal playback, you can repeatedly press the PRESET/ALBUM button (5) to select the repeat play or random play function.

1. To repeat the same track, press the PRESET/ALBUM button (5) once, the display will show "Repeat One".
2. To repeat the entire disc, repeatedly press the PRESET/ALBUM button (5) until the display shows "Repeat All".
3. If you are playing a MP3 disc, an additional "Repeat Folder" option will appear, and the current folder will be played repeatedly.
4. To select random play, repeatedly press the PRESET/ALBUM button (5) until the display shows "Random".
5. To resume normal playback, repeatedly press on the PRESET/ALBUM button (5) again until the display shows "Normal".

Program play

You can use the program play feature to play up to 20 tracks on a disc in any desired order. You may also program a particular track to play several times within a programmed sequence.

1. Load your disc as usual and then press the STOP/SCAN button (4) to select CD stop mode, the display will show the total number of tracks in the disc.
2. Press the PRESET/ALBUM button (5) once, the display will show "MEM" and flashing "P_01".
3. Press the SKIP- / SKIP+ button (6) to select the first track to be programmed. When the desired track number appears in the display, press the PRESET/ALBUM button (5) to confirm and the first track to play is programmed. The program memory number will advance to "P_02" and ready for the next entry.
4. Repeat the above steps to program other tracks, a maximum number of 20 tracks can be programmed. When you have completed programming, press the PLAY/PAUSE/SELECT button (8) to begin program play, playback will be started on the first track you programmed and will continue until the last programmed track has played.
5. When the program play is completed, the player stops and "MEM" will be still displayed, the player remains in the program play mode. Press the PLAY/PAUSE/SELECT button (8) will play the programmed sequence again.
6. To erase the program, in CD stop mode, press the STOP/ SCAN button (4) once; in CD play mode, press the STOP/ SCAN button (4) twice. "MEM" in the display will be disappeared.

Repeat Program play
You may use the program play and the repeat play features together to continuously repeat a programmed sequence. First program the desired playback sequence, when program play begins, press the PRESET/ALBUM button (5) to select repeating the current track or the entire programmed sequence.

COMPACT DISC MAINTENANCE

1. Always use a compact disc bearing the mark as shown.

2. Notes on handling discs
   - Take care when removing the disc from its storage case and loading it.
   - Do not touch the reflective recorded surface.
   - Do not stick paper or write anything on the surface.
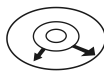   - Do not bend the disc.

3. Storage
   - Store the disc in its case.
   - Do not expose discs to direct sunlight or high temperatures, high humidity or dusty places.

4. Cleaning a disc
   - Should the disc become soiled, wipe off dust, dirt and fingerprints with a soft cloth.
   - The disc should be cleaned from the centre to the edge.

CORRECT   INCORRECT

FROM THE CENTRE TO THE EDGE

   - Never use benzene, thinners, record cleaner fluid or anti-static spray.
   - Be sure to close the CD Compartment (2), so the lens is not contaminated by dust.
   - Do not touch the lens.

DISPOSAL INFORMATION

IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC

At the end of its working life, this product must NOT be disposed of as urban waste.

It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a electrical product separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of electrical products separately, the product is marked with a crossed-out wheeled dustbin.

AUDIAL

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Stockport, SK2 6RH**