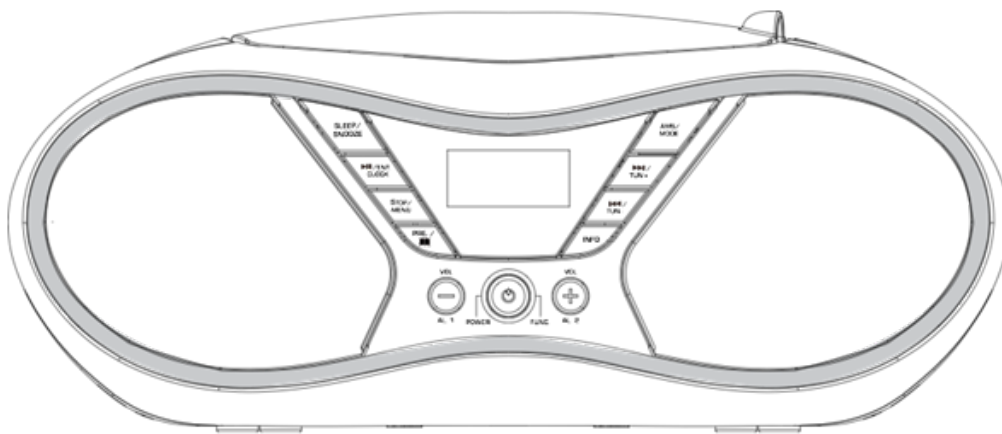


## TDA-60



## USB / MP3 / CD / DAB / FM Radio Portable Boombox

### Instruction Manual

Thank you for choosing our product. We hope you enjoy using the device.

[www.facebook.com/denverelectronics](http://www.facebook.com/denverelectronics)

#### **Symbols in these Instructions for Use**

Important information for your safety is specially marked. It is essential to comply with these instructions in order to avoid accidents and prevent damage to the machine:

#### **WARNING:**

This warns you of dangers to your health and indicates possible injury risks.

#### **CAUTION:**

This refers to possible hazards to the machine or other objects.

**NOTE:** This highlights tips and information.

## **General Safety Instructions**

Read the operating instructions carefully before putting the appliance into operation and keep the instructions including the warranty, the receipt and, if possible, the box with the internal packing. If you give this device to other people, please also pass on the operating instructions.

- To avoid the risk of fire or an electric shock, you should not expose the device to rain or moisture. Consequently do not use the device in the immediate vicinity of water  
- for example near a bath tub, a swimming pool or in a damp cellar.
- Do not use the device in extremely hot, cold, dusty or damp places.
- Only use the device for private use and the intended purpose. This device is not intended for commercial use.
- Ensure that the power cord is not kinked, trapped or brought into contact with heat sources.
- Ensure that the power cord does not present a tripping hazard.
- Never touch the power plug or the cable with wet hands.
- Only connect the device at a properly installed plug socket. Pay attention that the specified voltage corresponds to the voltage of the plug socket.
- The power cord must always be easily accessible.
- Always insert the batteries correctly.
- Do not cover up any ventilation openings with objects such as newspapers, tablecloths, curtains, etc.
- This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on apparatus.
- Exposed ignition sources such as burning candles may not be placed onto the device.
- Never open the housing of the device. Incorrect repair can constitute a considerable risk for the user. Should the device become damaged, in particular the mains supply cable, do not operate the device any longer, but rather have it repaired by an expert. Check the mains supply cable regularly for damage.
- For safety reasons a broken or damaged mains lead may only be replaced by an equivalent lead from the manufacturer, our customer service department or qualified person.

- If the device is not used for a longer period, remove the plug connector from the plug socket or take out the batteries.
- These symbols may be found on the machine and are intended to indicate the following:



The lightning symbol should advise the user of parts in the inside of the device which carry dangerously high voltage levels.



The symbol with an exclamation mark should advise the user of important operation or maintenance instructions in the accompanying documentation.



Devices bearing this symbol work with a “class 1 laser” for tracing the CD. The built-in safety switches should prevent the user being exposed to dangerous laser light, which is invisible to the human eye, when the CD compartment is opened. These safety switches must not be bypassed or altered; otherwise there is a risk of being exposed to the laser beam.

### **Children and Frail Individuals**

- In order to ensure your children’s safety, please keep all packaging (plastic bags, boxes, polystyrene etc.) out of their reach.

#### **WARNING!**

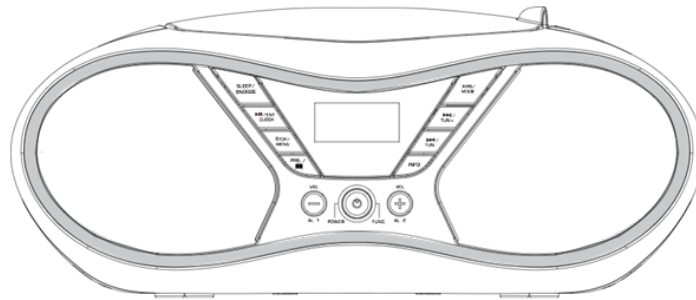
**Do not allow small children to play with the foil. There is a danger of suffocation!**

- This device is not intended to be used by individuals (including children) who have restricted physical, sensory or mental abilities and/or insufficient knowledge and/or experience, unless they are supervised by an individual who is responsible for their safety or have received instructions on how to use the device.
- Children should be supervised at all times in order to ensure that they do not play with the device.

## **Special safety information**

This device works with a class 1 laser.

## **Overview of the Components**



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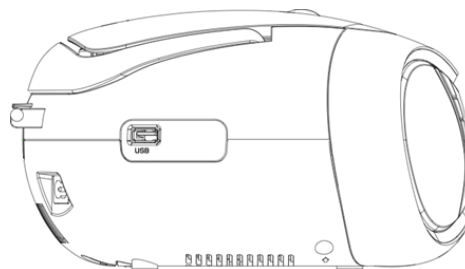
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- |  |                               |
|--|-------------------------------|
| 1. SLEEP / SNOOZE button               | 8. SPEAKER                    |
| 2. ENTER / PLAY / PAUSE / CLOCK button | 9. SKIP+ / TUNING+ button     |
| 3. STOP / MENU button                  | 10. SKIP- / TUNING- button    |
| 4. PRE. / FOLDER button                | 11. INFO button               |
| 5. VOLUME- / ALARM 1 button            | 12. VOLUME+ / ALARM 2 button  |
| 6. LCD DISPLAY                         | 13. STANDBY / FUNCTION button |
| 7. AMS / MODE button                   |                               |

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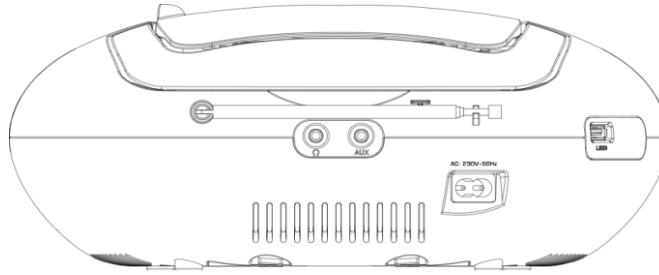


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- |                |              |
|----------------|--------------|
| 14. CD DOOR    | 17. USB JACK |
| 15. HANDLE     |              |
| 16. FM ANTENNA |              |



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18. HEADPHONE JACK

20. AC SOCKET

19. AUX-IN JACK

### **Start-up of the device/introduction**

- Select a suitable location for the device, such as a dry, flat, non-slip surface on which it is easy to operate the machine.
- Ensure that the device is sufficiently ventilated.
- Remove the protective film from the display if it is still present.
- Press the “STANDBY / FUNCTION” button to turn on the device.
- Press the “STANDBY / FUNCTION” button for approx. 3 seconds to switch into the standby mode.

### **Power Supply**

- Ensure that the voltage is the same as that indicated on the model identification plate.
- Connect the power cable supplied (see battery compartment if necessary) to a properly installed safety power socket and the mains connector AC on the back of the machine.

### **Inserting the Batteries** (not supplied)

1. Open the lid of the battery compartment.
2. Insert 6 batteries of type UM-2 (“C” size) 1.5 V. Please ensure that the polarity is correct (see the floor of the battery compartment)!
3. Then close the battery lid.

### **NOTE:**

When a mains cable is connected the batteries are automatically switched off.

### **CAUTION:**

- Batteries can leak and lose battery acid. When not using the system for a long period of time, remove the batteries.
- Different battery types or new and used batteries must not be used together.
- Do not dispose of batteries with household waste. Return old batteries to the respective collection facilities or your dealer.

### **WARNING:**

The batteries shall not be exposed to excessive heat such as sunshine, fire or the like. **Danger of explosion!**

### **Setting the clock & date**

The system must be in standby mode in order to set the clock.

1. Press and hold the “ENTER / PLAY / PAUSE / CLOCK” button for approx.2 seconds.
2. Use the “SKIP+ / TUNING+” & “SKIP- / TUNING-” buttons to set the time format “12 / 24hr”.
3. Press the “ENTER / PLAY / PAUSE / CLOCK” button to confirm time format.
4. Use the “SKIP+ / TUNING+” & “SKIP- / TUNING-” buttons to set the hours accordingly. The hour digits start flashing.
5. Press the “ENTER / PLAY / PAUSE / CLOCK” button to confirm the hour.
6. Repeat step 4 and 5 to set the minute / date.

### **NOTE:**

- Press and hold the “ENTER / PLAY / PAUSE / CLOCK” button during operation order to briefly display the current time.

### **Setting of the alarm time**

The system must be in standby mode in order to set the alarm.

You have the option of setting two alarm times. Proceed as follows:

1. Press the “VOLUME- / ALARM 1” button for about 3 seconds. The hours of the currently set alarm time will start to flash.
2. Perform the settings with the “SKIP+ / TUNING+” & “SKIP- / TUNING-” buttons.
3. Press the “VOLUME- / ALARM 1” button to confirm. The minutes will start to flash.
4. Perform the settings with “SKIP+ / TUNING+” & “SKIP- / TUNING-” button.
5. Press the “VOLUME- / ALARM 1” button to confirm. Then choose how you would like to be woken up. Perform the settings with the and buttons.

The selection is as follows:

#### **• CD:**

As soon as the set alarm time has been reached, the device will turn on in CD mode. The inserted CD will be played from the first track.

#### **• USB:**

As soon as the set alarm time has been reached, the device will turn on in USB mode. The tracks of the connected storage device will be played from the first track.

#### **• DAB:**

As soon as the set alarm time has been reached, the radio will turn on. The last preset station will play.

#### **• FM:**

As soon as the set alarm time has been reached, the radio will turn on. The last preset station will play.

• **BUZZ:**

A buzzer will sound when reaching the alarm time.

6. Finally, press the “SKIP+ / TUNING+” & “SKIP- / TUNING-” buttons to set the alarm volume. Press the “VOLUME- / ALARM 1” to confirm.

To set the second alarm time, repeat each of the above steps with the “VOLUME+ / ALARM 2” button.

In order to deactivate the alarm function, press the “VOLUME- / ALARM 1” or “VOLUME+ / ALARM 2” button.

**Snooze**

The automatically set alarm function can be switched off for 9 minutes with the “SLEEP / SNOOZE” button.

**Sleep**

1. Press the “SLEEP / SNOOZE” button to enter.
2. Press the “SLEEP / SNOOZE” buttons to set SLEEP time (120, 110, 100, . . . 10, 5, OFF) and press “ENTER / PLAY / PAUSE / CLOCK” button to confirm.
3. To cancel SLEEP, follow above step 1 to 2 and set the SLEEP time to “OFF”.

**Listening to the DAB**

1. Select the DAB mode with the “STANDBY / FUNCTION” button, until “DAB” is shown in the display.
2. The device automatically searches for DAB stations.
3. You can select the next or the previous station by using the “SKIP+ / TUNING+” & “SKIP- / TUNING-” buttons.

**NOTE:**

• If the reception is too weak, try to improve the reception by changing the position of the antenna.

**Scan DAB station**

1. Press the “STANDBY / FUNCTION” button, until “DAB” is shown in the display.
2. Keep the “AMS / MODE” button pressed. The device will start the station scan.

**Save Station**

1. If you have found the desired station, press the “AMS / MODE” button. The first preset location appears on the display. If the preset location is still empty the word EMPTY appears under PRESET STORE.
2. For choosing the memory position, please press “SKIP+ / TUNING+” & “SKIP- / TUNING-” buttons.
3. Press the “ENTER / PLAY / PAUSE / CLOCK” button to save the settings.

**Select a preset station**

1. Press the “PRE. / FOLDER” button to choose a memory position.

**Display additional DAB information**

In DAB mode, you can display the following additional information if broadcast by the radio station. To do so, press the “INFO” button.

The DLS text is shown on the display by default.

• DLS: Short for Dynamic Label Segment. This involves complementary data. This content may be e.g. Information about the station or the music title and artist being played. If information on the track title is transmitted by the station, you can display this information with the “INFO” button.

- Displays the received signal strength.
- This indicates the station category (e.g. Pop-Music, News etc.).
- Displays the name of the station group.
- Frequency of the current radio station.
- The “SIGNAL ERROR” display shows the signal quality.

The lower the adjacent figure, the better the quality.

- Displays the digital Audio Bit Rate.
- Display the time.
- Display the date.

**Listening to the FM Radio**

1. Select the RADIO mode with the “STANDBY / FUNCTION” button, until “FM” is shown in the display.
2. **For FM reception: Completely extend the telescopic antenna.** Change its position to improve the reception.
3. There are two options to search for and preset radio stations.

• **Automatic scan:**

**Important!** Any preset radio stations will be overridden.

Press and hold the “AMS / MODE” button for approx.3 seconds. The system scans the entire frequency band for radio stations. Any stations found will be preset from lowest to highest frequency.

• **Manual scan for audio stations:**

Briefly press the “SKIP+ / TUNING+” & “SKIP- / TUNING-” buttons, until you have found the radio station which you are looking for. If you keep one of the buttons pressed down, the device will search to the previous, respectively next radio station.

**Preset station:**

1. Press and hold the “AMS / MODE” button on unit for about 2-3 seconds to start the automatic preset process.
2. Display will show the memory sequence number and radio stations will be automatically preset into the sequence number (Note: Each sequence number means 1 preset station while during automatic preset process.)

3. Once all the stations were automatic preset, press the “PRE. / FOLDER” button to choose preset stations.

### **Show FM information**

Press the “INFO” button to show the following information, if broadcast by a radio station.

- Radio Text is shown by default on the display. If no information is available, [No RadioText] appears on the display.
- The program type (PTY) of the station is displayed (e.g. Pop music, news etc.). If no PTY is received, [No PTY] appears on the display.
- Display the time. If no TIME is received, [No Time] appears on the display.
- Display the date. If no DATE is received, [No Date] appears on the display.

### **Playing CDs/MP3**

1. Select the CD mode with the “STANDBY / FUNCTION” button, until “CD” is shown in the display.
2. Open the CD compartment by pulling the lid upwards by the tab.
3. Insert an audio CD with the printed side facing upwards on to the central cone so that the CD clicks into place and then close the lid of the CD compartment.
4. The CD will play from the first title.
5. In order to remove a CD, please press the STOP button, open the CD compartment and lift the CD out carefully. Always keep the CD deck closed.

#### **NOTE:**

- if a disc is inserted the wrong way around, respectively if no disc is inserted, then the message “NO “ appears in the display.
- Playback of CDs produced by the user cannot be guaranteed due to the large variety of software and CD media available.

### **DAB Menu**

In DAB mode, press the “STOP/MENU” button to enter the DAB menu.

The DAB menu is divided into menus: Full scan, Manual tune, DRC and Prune.

- Full scan: Starts the station scan. The DAB frequency band is scanned for stations.
- Manual tune: To do so you need to know the station frequency. This can be found on the internet site of the broadcasting service. Select individual frequencies using the “ENTER / PLAY / PAUSE / CLOCK” button.
- DRC: short for Digital Range Control (dynamic range). The term DRC describes the ratio between the quietest and the loudest sound. If the dynamic range is very high there are very soft sounds as well as very loud sounds. Under some circumstances this may present a problem with playback. Let us assume that you are listening to a radio station in a relatively loud environment. By increasing the volume you can play the quiet sections louder. This however has the disadvantage that the loud sections become uncomfortably loud. It makes sense here to reduce the dynamic range. Select between the options:
  - DRC off: The dynamic range is not reduced.
  - DRC high: The dynamic range is sharply reduced.
  - DRC low: The dynamic range is slightly reduced.
- Prune: It may be that you can no longer receive some stations after a station scan or change of location. With this function you can delete these stations from the reception list. Select “YES” and confirm with the “ENTER / PLAY / PAUSE / CLOCK” button.

### **FM Menu**

- Scan setting: Select the desired option for automatic station search.
  - All stations: Search for all stations that can be received. In this case, station search also stops for weak stations.
  - Strong stations only: Only clear stations are searched.
- Audio setting: Select the MONO or STEREO for FM reception.

### **DAB + FM Menu (SYSTEM)**

The following sub menus can be found in the SYSTEM menu.

- Language: Change the OSD language.
- Time update: You can choose the method how to update the time.
- Factory reset: Select the “YES” command if you want to reset the device again to the factory defaults. All settings which you have made will be lost.
- SW version: Here, you can display the Software Version of the device.

### **Playing music via USB**

This device has been developed in line with the latest technical advances in the USB field. The wide range of different USB storage devices of all types which are currently on the market, unfortunately do not allow us to guarantee full compatibility with all USB storage devices. For this reason, in rare cases there may be problems in playing back files from USB storage devices. This is **not** a malfunction of the device.

1. Select the USB mode with the “STANDBY / FUNCTION” button, until “USB” is shown in the display.
2. Connect a USB storage device directly into the port. Playback will automatically start after a few seconds. For operation, please refer to the section “Description of the control buttons”.

#### **NOTE:**

- Always directly connect a USB storage medium to the USB port to prevent any malfunctions.
- The USB port is not designed for charging external devices.

**CAUTION:**

Switch the device to a different operating mode before you remove the USB storage device

**Description of the control buttons****NOTE:**

Not all the functions may be supported depending on the playback device.

**ENTER / PLAY / PAUSE / CLOCK**

• You can briefly interrupt and resume playback using this button. The display shows the elapsed playback time flashing. Pressing again continues playback.

• Press and hold this button during operation to briefly display the current time.

**SKIP+ & SKIP-**

With "SKIP+ / TUNING+" button you can jump to the next or previous track etc.

• If the button is kept pressed down, the machine starts to search through the tracks.

**The "SKIP- / TUNING-" button can be used as follows:**

Press once = This starts the current track again from the beginning.

Press twice = This jumps back to the previous track.

**STOP**

The playback is stopped.

**Volume**

You can set the desired volume with the "VOLUME- / ALARM 1" or "VOLUME+ / ALARM 2" button.

**MODE**

• In stop mode for programming any order of tracks (see the section on "Programmed Play").

*During the playback of an audio CD:*

Press once = the normal play mode. The display will show "Normal".

Press twice = the current track is repeated continuously. The display will show "Repeat ONE".

Press three times = the whole CD is played continuously. The display will show "Repeat ALL".

Press four times = all tracks will be played in random order. The display will show "Random".

Press five times = back to the normal play mode.

*During playback of MP3 music (Under USB mode):*

Press once = the normal play mode. The display will show "Normal".

Press twice = the current track is repeated continuously. The display will show "Repeat ONE".

Press three times = the selected folder is repeated continuously. The display will show "Repeat FOLDER".

Press four times = the whole CD is played continuously. The display will show "Repeat ALL".

Press five times = all tracks will be played in random order. The display will show "Random".

Press six times = back to the normal play mode.

**PRE. / FOLDER**

1. Use the "PRE. / FOLDER" to enter the enter the mode.

**Programmed Play**

This can be used to program any desired sequence of tracks.

1. Press the "STOP" button.

2. Press the "AMS / MODE" button. "P\_01" will start to flash..

P\_01 means the storage space

Use the "SKIP+ / TUNING+" & "SKIP- / TUNING-" buttons to select the desired track and then press the "AMS / MODE" button again.

The display "P-01" will be changed to "P\_02".

3. Select the next track with the "SKIP+ / TUNING+" & "SKIP- / TUNING-" buttons and press the "AMS / MODE" button again. Repeat the procedure until all the desired tracks are selected.

**NOTE:**

Once the storage capacity of the tracks to be programmed has been reached "PROGFULL" will show in the display.

4. Press the "ENTER / PLAY / PAUSE / CLOCK" button. The playback starts.

The upper-left of the display will show "MEM".

5. Press once the button to stop the playback while retaining the program.

6. To play the programmed back again, press the "ENTER / PLAY / PAUSE / CLOCK" button.

7. To delete the program, press the "STOP" button twice. The notification "MEM" will disappear.

**Playing back Music in MP3 Format**

With this device it is possible to play back pieces of music in MP3 format. The device also supports all standard CD types: CD, CD-RW, CD-R.

This machine of is able to play MP3 CDs. Up to 99 track scan be compressed and stored on these CDs. Your machine detects an MP3 CD automatically (the total number of tracks and MP3s appears in the display). If you would like to play one of these CDs, proceed as described under "Playing CDs/MP3". Tracks can be programmed as described under "Playing Back Programmed Tracks".

**AUX IN socket**

Via this socket you can also hear the sound of other playback devices such as MP3 players, CD players etc. through the loudspeakers.

1. Please connect the external device with a 3,5 mm stereo jack plug to the AUX-IN socket.

2. Repeatedly press the "STANDBY / FUNCTION" button, until "AUX" is shown in the display.

3. You will hear the sound playback from the external device through the loudspeakers. You may adjust the volume with "VOLUME- / ALARM 1" or "VOLUME+ / ALARM 2" buttons. The CD buttons are not functional.

4. For the remaining procedure please see the operating instructions of the external sound source.

**NOTE:**

Adjust the volume of the external device to a comfortable level.

### **Headphone socket**

To listen to music privately, use headphones with a 3.5 stereo jack plug and connect to the headphones socket on the back of the system. The speakers will then be muted.

### **Cleaning and Maintenance**

#### **WARNING:**

Do not immerse the device in water.

- Always remove the mains plug before cleaning the machine.
- Any marks on the surface can be wiped off with a slightly damp cloth without any additives.

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# DENVER®

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Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the appropriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

Hereby, Inter Sales A/S declares that the radio equipment type TDA-60 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.denver-electronics.com/denver-tda-60/>

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