denver

Instruction manual

DAB-46

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DAB Radio Signal

Please notice that DAB signal can be weaken MUCH depending on the
type of building you are living in. (fx. It can be hard to catch proper signal
when being in a concrete building.)
Signal can also be different in different areas of the country.
Please check your local transmitter to get the best signal in your area.

Safety information

Please read the safety instructions carefully before using the product for the first
time and keep the instructions for future reference.

1. This product is not a toy. Keep it out of reach of children.
2. Keep product out of the reach of children and pets to avoid chewing and
   swallowing.
3. Never use old and new batteries or different types of batteries together.
   Remove the batteries when you are not using the system for a longer period
   of time. Check the polarity (+/-) of the batteries when inserting them in the
   product. Wrong positioning can cause an explosion. Batteries are not included.
4. Product operating and storage temperature is from 0 degree Celsius to 40
   degree Celsius. Under and over this temperature might affect the function.
5. Never open the product. Touching the inside electrics can cause electric shock.
   Repairs or service should only be performed by qualified personnel.
6. Do not expose to heat, water, moisture, direct sunlight!
7. Please protect your ears against loud volume. Loud volume can damage your
   ears and risk in hearing loss.
8. The unit is not waterproof. If water or foreign objects enter the unit, it may
   result in fire or electric shock. If water or a foreign object enters the unit, stop
   use immediately.
9. Only charge with supplied Adaptor. The direct plug-in adapter is used as
   disconnect device, the disconnect device shall remain readily operable. So,
   make sure there is space around the power outlet for easy access.
10. Do not use non original accessories together with the product as this can
    make the product functionality abnormal.

PRODUCT OVERVIEW

Front view   **Rear view**
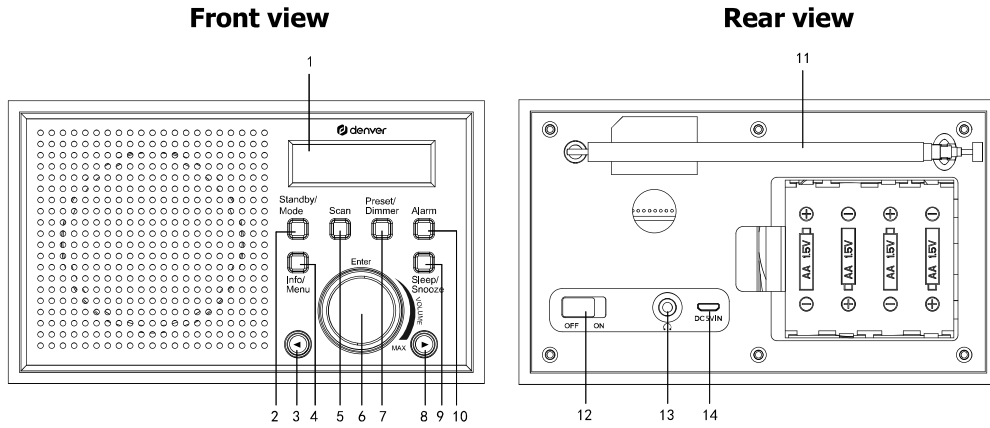
1. LCD DISPLAY
2. STANDBY/MODE BUTTON
3. PREVIOUS BUTTON
4. INFO/MENU BUTTON
5. SCAN BUTTON
6. ENTER/VOLUME KNOB(Confirm the setting/adjust the button)
7. PRESET/DIMMER BUTTON
8. NEXT BUTTON
9. SLEEP/SNOOZE BUTTON
10. ALARM BUTTON
11. ANTENNA
12. OFF/ON BUTTON
13. HEADPHONE JACK
14. DC 5V IN
15. AC/DC ADAPTOR

BASIC OPERATION - GETTING STARTED

The unit can be powered either by AC power or battery.(not incl)

Operation on AC power
1. Insert the DC power jack of AC/DC adaptor to the DC input socket located at the rear of the radio.
2. Plug the AC/DC adaptor to the AC mains outlet.
3. Slide the **ON/OFF** switch to **ON** and press the **STANDBY/MODE** button to turn the radio on.
Warning: Always use the supplied AC power adapter. If the AC Adaptor voltage is more than 5V, product damage or risk possibly occurs.

Operation on battery
1. Ensure the AC/DC adaptor is disconnected from the unit.
2. Load 4 AA batteries in the battery compartment.
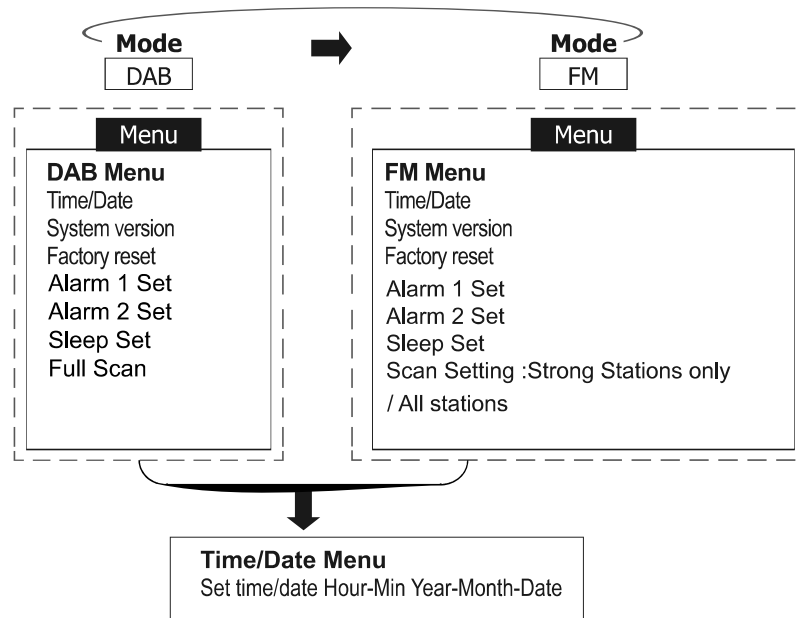3. Press the **STANDBY/MODE** button to turn the radio on.
Note: To obtain the best performance on battery operation, use of alkaline batteries is highly recommended.

Navigation of the menu
The following controls are used to move about the menu tree to choose and select the required settings:
Press and hold the **INFO/MENU** button to enter the menu options. Press the ◄　or ► button to navigate the options, then press the **ENTER/VOLUME** knob to confirm.

Description of the menu

Mode	Mode
DAB	FM

Menu	Menu
DAB Menu Time/Date System version Factory reset Alarm 1 Set Alarm 2 Set Sleep Set Full Scan	**FM Menu** Time/Date System version Factory reset Alarm 1 Set Alarm 2 Set Sleep Set Scan Setting :Strong Stations only / All stations

Time/Date Menu
Set time/date Hour-Min Year-Month-Date

OPERATION OF RADIO

DAB radio

Press the **STANDY/MODE** button to turn the unit on, and press the **SCAN** button to search for all available radio stations. During the scan, the display show "Full scan" together with a slide bar that indicates the progress of the scan and the number of stations that have been found so far (Fig.2).

Once the scan has finished, the radio broadcasts the first alphanumerically found station. You can now press the ◄ /► buttons to select the found stations, then press the **ENTER/VOLUME** knob to confirm selection.

Note: If there is no station found after auto scan, the radio will display "No Station". In this case, adjust the position of the antenna and relocate the unit for better signal reception.

Fig.1   Fig.2

```
+--------------------+        +--------------------+
|    Welcome to      |        | Full Scan      0   |
|   Digital Radio    |        | >          000%    |
+--------------------+        +--------------------+
```

FM radio
1. To select FM, press the **STANDBY/MODE** button. The display shows FM and the frequency.
2. To activate auto search, press and hold the **SCAN** button until the radio starts to scan. The scan stops automatically once a FM station has been found.
3. To search manually, press repeatedly the ◄ /► button to tune to a radio station. If the reception is poor, adjust the position of the antenna and relocate the unit for better signal reception.

FM scan via menu

In **FM** mode, press and hold the **INFO/MENU** button to enter the menu, and press the
◄ /► button to select "FM scan setting" (Fig.3), then press the **ENTER/VOLUME** knob to
enter the sub-option. Then press the ◄ /► button to select "Only<All>" (Fig.4), and press
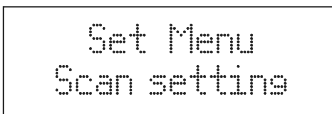the **ENTER/VOLUME** knob to confirm selection for FM scanning.

Fig.3   Fig.4

Set Menu
Scan setting

Scan setting:*
Strong stations only
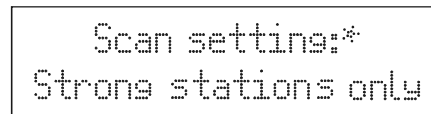
USING HEADPHONES

A stereo headphone jack is available on the unit. Plug your earphones or headphones
(not supplied) to the jack marked 🎧, and adjust the volume to the reasonable listening
level. The speakers of the unit are disabled for output while earphones or headphones
are inserted.
Warning: Excessive sound pressure from earphones or headphones can cause hearing
loss.

RESET

If you move the unit to another location or another country, the stored DAB stations may
no longer be available. In this case, reset the unit to the factory settings.
1. With the unit switched on, press and hold the **INFO/MENU** button to enter the menu,
    and press the ◄ /► button to select "Factory reset" (Fig.5) , then press the
    ENTER/VOLUME knob to enter the sub-option. Then press the ◄ /► button to select
    "<Yes>" from the "Factory Reset <No> Yes" option (Fig.6), and press the
    ENTER/VOLUME knob to confirm.
2. The radio displays "Restarting….", and start searching all available radio stations.
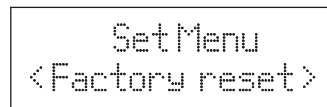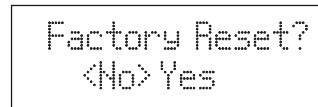**Note:** All the previously stored radio stations are deleted after resetting.
Fig.5   Fig.6

Set Menu
<Factory reset>

Factory Reset?
<No> Yes

TECHNICAL SPECIFICATIONS

Manufacture	Shenzhen Adition Audio Science& Technology Co;Ltd
Brand	Adition
Business registration no	914403007604818396
Address	No.2 Building , Huidebao Industrial Park, Baihua Community, Guangming ,Guangming District, Shenzhen , 518107, China
Model no	AD0600501000EU-MICROUSB
Input	100-240~50/60Hz,0.2A Max
Output	5.0V-1.0A 5.0W
Average active efficiency	75.26%
No-load power consumption	0.07W
Audio output	2 W RMS
Radio	DAB 174-240MHz FM 87.5-108MHz
Operating conditions Temperature	5°C to 35°C Humidity 5% to 90%
Unit dimension	170 (L) × 96(W) × 101 (H) mm
Weight	0.7kg

SPECIFICATION SUBJECT TO CHANGE WITHOUT FURTHER NOTICE.

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CE

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

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

All cities have established collection points, where electric and electronic equipment 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,Denver A/S declares that the radio equipment type DAB 46 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
www.denver.eu and then click the search ICON on topline of website.
Write model number:DAB-46.Now enter product page, and red directive is found under downloads/other downloads.
Operating Frequency Range:DAB 174-240MHz
                                        FM 87.5-108MHz

Max Output Power:5W

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