

# DR601

## User's Manual

English



DR601

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**Thank you for purchasing Albrecht DAB Receiver DR601.**

**This User's Manual assists you to understand and the product's features safely and easily**

**Read carefully this User's Manual to use the receiver appropriately.**

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- § For your safety and prevention of property loss, comply with the following instructions.
- § Be sure to read the instructions and use this receiver appropriately.

### Precautions

Do not put the receiver in too hot or cold places. Keep away from highly humid place or under the direct sunlight.	Install this receiver in safe and flat place not influenced by serious vibration or magnetic interference.	Do not press more than 2 buttons at the same time or hit the display. It may cause defect.
Do not stack heavy substance on the receiver.	Do not put any receptacle with water or beverage. It may cause a defect if water or beverage is split and soaked to receiver.	Do not apply shock or drop your receiver. It may cause defect.
Do not use your receiver for other purpose than the audio system. Keep your receiver from reach of the children.	Wipe off your receiver with soft and dry cloth to clean.	Never dismantle, repair, or re-assemble your receiver. It may give electrical shock to the product or deteriorate its performance.

### What is DAB?

#### 1. What is DAB?

DAB is digital broadcast on terrestrial networks, and you are able to receive it using solely a tiny non-directional stub antenna. You receive CD-like quality radio program even in the car without any annoying interference and signal distortion.

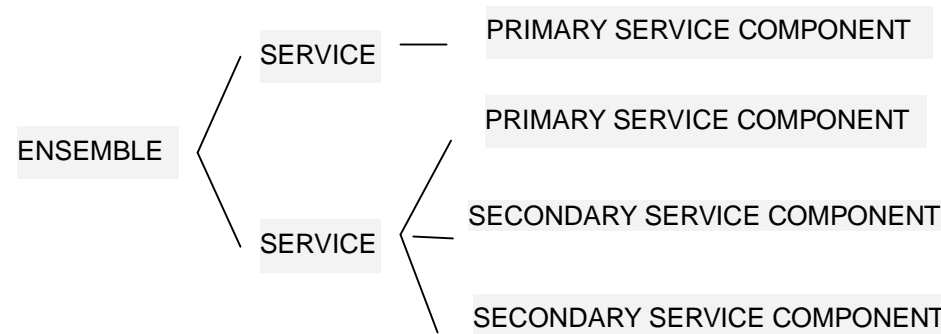
Aside from distortion-free reception and CD Quality sound, DAB offers further advantages as it has been designed for the multimedia age. DAB can carry not only audio, but also text, pictures, data and even videos - all on your radio!

You are able to listen to your favorite music program and sing along with your idols, since the lyrics can be shown on your radio display, or you can contemplate the handsome face of the latest movie star, while a report is given on his current box-office hit.

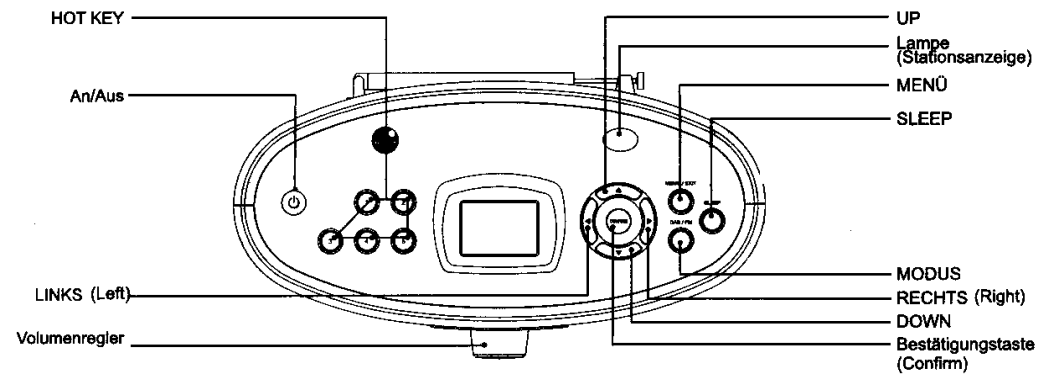
<Source : World DAB Forum>

#### 2. DAB Outline

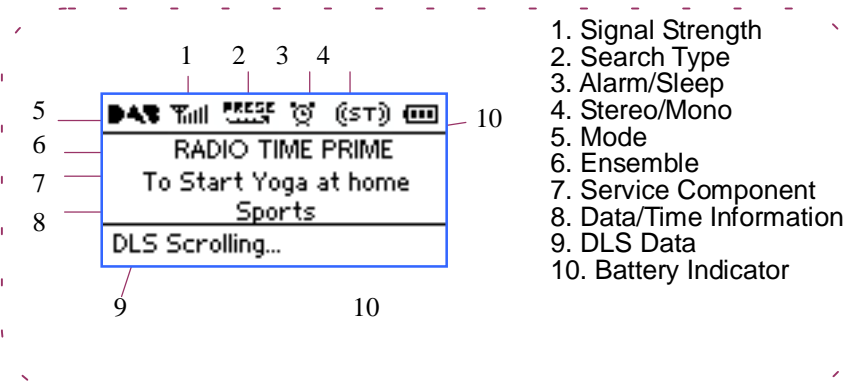
With DAB, Services are bundled into groups, called Ensembles or Multiplexes. Test broadcasts may be performed by some broadcast stations.



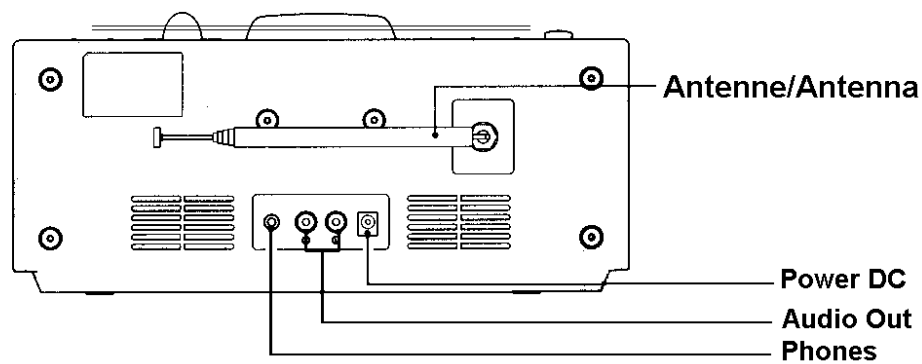
### Description (Front)



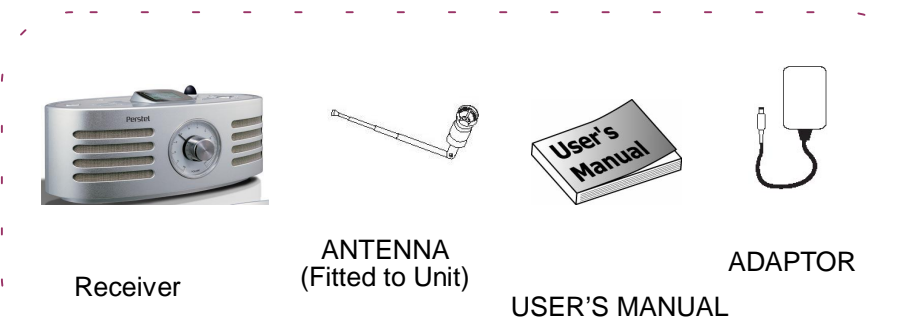
### Display (DAB)



### Description (Back)

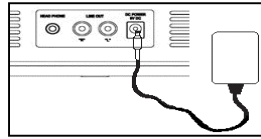


### Package Contents



To enhance performance or quality, any item and its appearance in package may be changed without prior notice.

**Turning On/Off**



You can provide power to your receiver by connecting adaptor on the back or inserting a battery at the bottom.

- Press and hold the POWER button to turn on or off your receiver.

**Note**

- Press the POWER button slightly to enable POWER SLEEP OFF function.

**Switching Mode**



You can switch into your desired mode between DAB and FM.

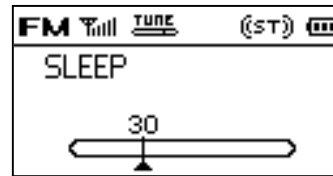
- Press and hold the MENU/EXIT button to set your change.

**Adjusting Volume**



You can adjust volume by turning the VOLUME KNOB.

**SLEEP POWER OFF**



You can turn the receiver off automatically by setting SLEEP POWER OFF.

- Press the SLEEP button to set time.
- SLEEP Setting Step:  
OFF-10-30-60-90-120 (Min.)



**Note**

- Press any button except for POWER button to turn your receiver on while in SLEEP POWER OFF mode.
- Press and hold POWER button to turn off your receiver.
- After the SLEEP POWER OFF function is operated, current time will be displayed.

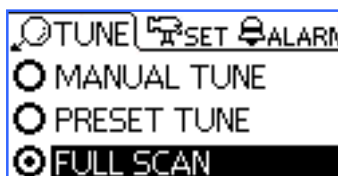
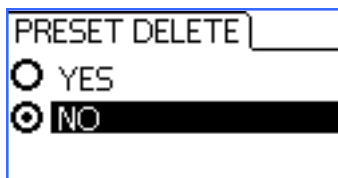
**Viewing Current Time**



While listening radio, press the CONFIRM button shortly to display current time.

## Listening Radio

### Seeking DAB Broadcasting



You can easily seek the station by selecting TUNE TYPE from MENU.

#### [1] MANUAL TUNE

- Press the LEFT and RIGHT button longer than 1 second to move among the Ensembles; - Press those buttons shortly to move among the Services.

- Press the CONFIRM button longer than 1 second to save the current station in PRESET MEMORY.

- Press the CONFIRM button one more time, you can save the current station as a FAVORITE CHANNEL which will be locate in PRESET LIST upper part.

#### [2] PRESET TUNE

- Press the LEFT and RIGHT button to change to one of other broadcastings saved in PRESET MEMORY.

#### [3] PRESET LIST

- Press the Up and Down button to enter PRESET LIST.

- If you press Up and Down button shortly, cursor will move between services.

- If you press and hold Up and Down button, cursor will move between preset list pages.

#### Note

- When you select PRESET TUNE but no Service is saved, your receiver will start FULL SCAN automatically first.

- You can delete channels from PRESET LIST by press CONFIRM button more than 1 second in PRESET LIST.

#### [4] FULL SCAN

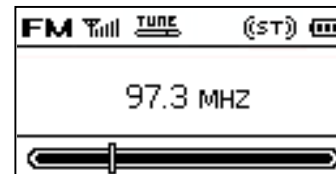
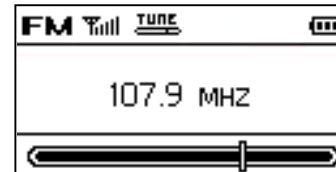
This function- in MENU- can search and save up to 100 Services, which is receivable in DAB mode, 10 Channel in FM mode and then automatically changed to PRESET TUNE.

#### Note

- If you are in other region, select FULL SCAN to search and save receivable broadcasting automatically.

- FULL SCAN will be able to select in DAB mode.

### Seeking FM Broadcasting



You can use the LEFT and RIGHT button to search available channel easily.

#### [1] TUNE

- Press the LEFT and RIGHT button shortly to change the channel step by step.

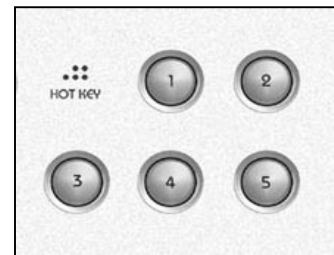
#### [2] SEEK

- Press and hold the LEFT and RIGHT button to change to the previous or next receivable channel.

#### Note

- If signal is too weak to detect, you may not be able to listen to the broadcasting.

### Using HOT KEY



You can set DAB/FM channel as HOT KEY to change channel quickly.

#### [1] To Save

Press and hold the HOT KEY to save current channel.

#### [2] To Change

Press the HOT KEY short to change channel.

#### Note

- No station is saved when you purchase this product by default.

- DAB mode and FM mode can save 5 hot keys each; one channel for each key.

### Using MENU

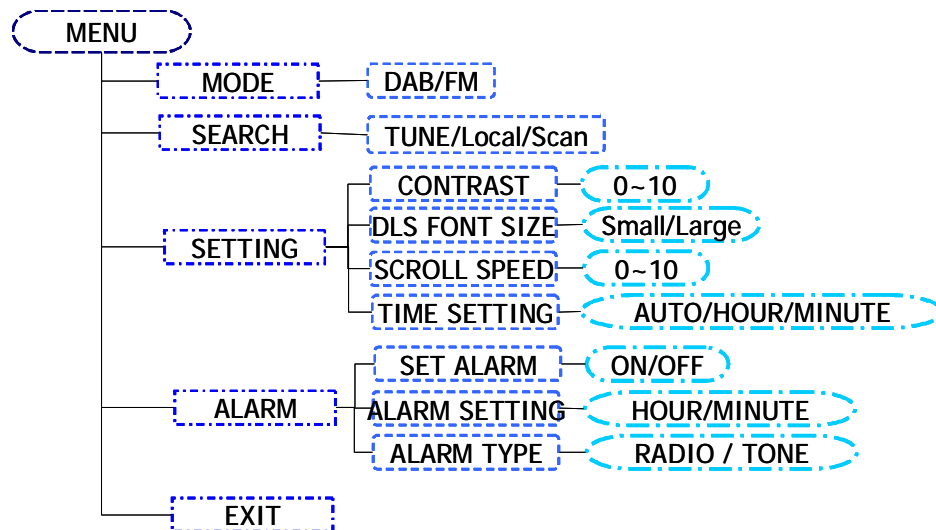
#### [1] To use MENU

- 1) To enter MENU: Press the MENU/EXIT button.
- 2) To change main MENU: Press the LEFT and RIGHT button to go to your target menu.
- 3) To change submenu: In your target main MENU, press the CONFIRM button to drill down target submenu.
- 4) SETTING: Press the Left/Right/Up/Down button to set its value.

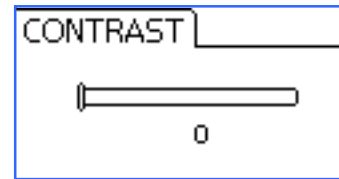
#### [2] MENU EXIT

- Press MENU/EXIT button to finish menu setting and go back to previous radio display (DAB or FM).

### Viewing Menu Tree



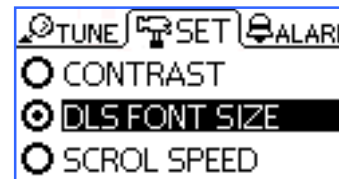
### Adjusting CONTRAST



You can adjust LCD CONTRAST.

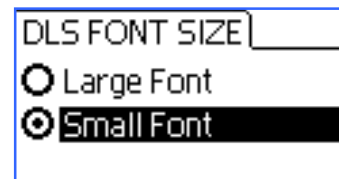
- MENU-> SETTING -> CONTRAST
- : Set CONTRAST to 0 ~ 10 level.

### Adjusting DLS SIZE

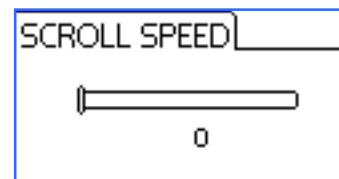


You can set font size for DLS information presented in DAB mode.

- MENU -> SETTING -> DLS SIZE
- : LARGE-DLS displays information by 1 line.
- : SMALL-DLS displays information by 2 lines.



### Adjusting SCROLL SPEED



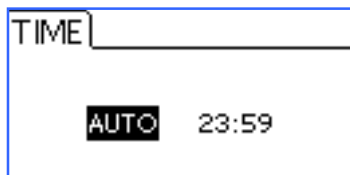
You can adjust DLS SCROLL speed on display.

- MENU-> SETTING -> SCROLL SPEED
- : Set SCROLL SPEED to 0 ~ 10 level.

### Setting Current Time

You can set current time automatically or manually.

- MENU-> SETTING->TIME SETTING



#### [1] To set automatically

When 'AUTO' blinks, press the CONFIRM button to set current time automatically.

#### [2] To set manually

Use the LEFT or RIGHT button to move between HOUR and MINUTE; and use the UP or DOWN button to set time and minute.

#### Note

- Press the UP/DOWN button more than 1 second to change the unit into 10 seconds.

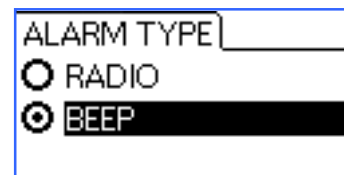
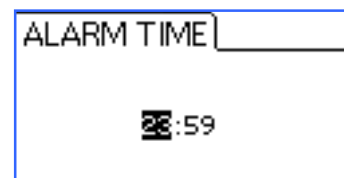
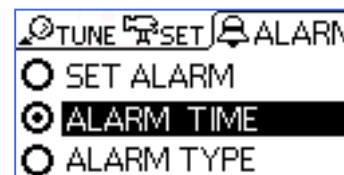
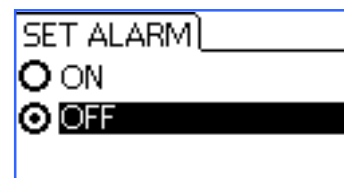
- The AUTO button is activated only in DAB broadcasting mode.

- Press the CONFIRM button to check the local time.

#### You will need to set current time again

- When you buy the product for the first time.
- if the broadcast time is different from local time.
- If power is recovered after failure.

### Setting Alarm



If you set the alarm, you can automatically turn your receiver on after it is turned off by SLEEP POWER OFF setting.

#### [1] To turn on/off alarm

: Go to SNOOZE – When alarming, press any button except POWER LONG button to stop it.

#### [2] To set alarm time

You can set the time to alarm.

- MENU-> ALARM-> TIME

: Set alarm in the same way as [2]. For manual setting, go to page 14.

#### [3] To set Alarm Type

You can select alarm type between radio and tone.

- MENU -> ALARM -> TYPE

: Select RADIO or TONE for alarm type.

#### Note

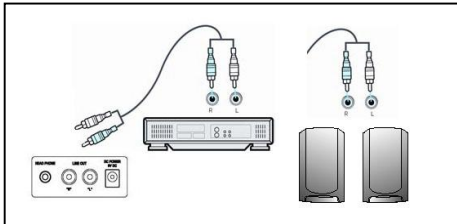
- Radio alarm channel is set to the channel being broadcasted when SLEEP POWER OFF function is enabled. Press the POWER button for 2 seconds to turn Your receiver completely off.



### Connecting to Other Product



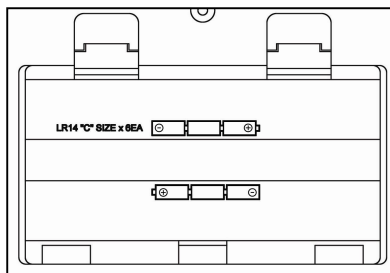
If you connect your headphone (3.5mm) to headphone jack, you can listen to broadcasting via headphone.



Also, you can listen to the broadcast transmission by connecting Your home audio system to the LINE OUT audio sockets.

**Note**  
You will need a connection cable with twin RCA (=Cynch) type connectors.

### Using Battery



Insert the batteries on the bottom of receiver.

You can use the receiver without AC Power.

**Note**

- Check battery polarity before inserting.
- Always replace batteries altogether to prevent leakage.
- It is not necessary to insert batteries if the radio will be used on mains power only.

### Specifications

Model	DR601
Frequency Range	BAND III : 174 ~ 240 MHz L-BAND: 1452 ~ 149 MHz (OPTION) FM BAND : 87.5 ~ 108 MHz
Display	6 Line Full Graphic LCD
Speaker	Twin 3" Full Range Drive Unit
Input Connectors	HEADPHONE JACK(3.5 mm) DC IN ANTENNA (RF-F Connector for 50 ohm)
Output Connectors	Line Out Left/Right (3.5mm)
Audio output	1W + 1 W
Power	9V DC ADAPTOR 6 x C Type Alkaline Battery
Dimension (W/H/D)	290 x 134 x 155 (mm)
Weight	1.3 (Kg) _ Without Battery
Battery life	More than 30 hrs (50mW normal music play)

Albrecht reserves the right to make design and specification changes for product improvement without prior notice.



## FAQ

Problem	What to check
<i>I cannot switch the radio on</i>	Check if the adapter is correctly plugged in. If you use batteries, check the polarity. To turn on, press and hold the POWER key.
<i>I cannot hear anything</i>	Check if your receiver is turned on and volume is set to MIN.
<i>On some stations reception is noisy</i>	Make sure that the antenna is fully extended and You are in a DAB reception area.
<i>No stations can be found in DAB mode</i>	
<i>DLS information is not correct.</i>	This receiver shows exactly the same information transmitted by the broadcasting company.
<i>The blue Lamp is turned off.</i>	
<i>Current time is not correct. Alarm is not correct.</i>	Set current time again manually. Alarm time may be wrong influenced by the incorrect local time. IN DAB Mode, the broadcast time is transmitted by the radio station and may be different from Your local time.
<i>Where can I find information about worldwide use of DAB?</i>	Go to <a href="http://www.worlddab.org">www.worlddab.org</a> > DAB worldwide > Country Status and select a country. You can find out covered regions and the latest DAB information.
<i>Where can I get more help?</i>	Contact Your distributor or get informations from <a href="http://www.albrecht-online.de">www.albrecht-online.de</a> .



## PRECAUTIONS

## = WARNING=

1. This receiver uses a 9V type AC-DC Adaptor.
2. Make sure to use only the correct 230 V adaptor shipped with this set. Other adaptors with incorrect data or wrong polarity may damage the radio.
3. Keep the receiver away from liquids or any sources of excessive heat or humidity, or direct sunlight.
4. To avoid overheating, do not cover the receiver and keep the ventilation holes clear.
5. Do not open the radio and never open the power adapter. Opening can be dangerous and will invalidate Your warranty.
6. Clean the radio only with a soft cloth and avoid the use of solvents or abrasive detergents.

## ENVIRONMENTAL PRECAUTIONS

1. Collect packing materials, batteries and old electronic appliances for resource recycling.
2. Packing materials consists of carton boxes, expanded polystyrene and PE bags, which are necessary for safe packaging. Please recycle these materials, where possible.

## Warranty Service

According to European Warranty regulations, Your distributor warrants that this product will be free from defects in materials and workmanship for a period of two years (in EU countries) from the date of purchase. Within this period, simply take the product and your proof of purchase to any local dealer and the product will be repaired without charge for parts and labor.

The distributor may forward the radio to an authorized repair center, or will ask You to send the radio to such a repair center. Any product which has been subject to misuse or accidental damage is excluded from this warranty.

This warranty is only applicable to a product purchased through ALAN / Albrecht dealers and to a product that is presented for repair in a country where ALAN / Albrecht offers the product for sale.

While this warranty does not confer any legal rights other than those set out above, You may have additional statutory rights which will vary under the laws of the various countries, states, provinces and other governmental entities in which ALAN / Albrecht Products are being sold. This warranty is subject to all statutory rights you may have in the country of purchase.

Albrecht is a registered trade mark of ALAN Electronics GmbH.

## Warranty Exclusion

- Any service request due to lack of knowledge of product; Read Owner's Manual carefully.
- Misuse or improper modification; Do not open the circuitry without Service Manual.
- Damages by: fire, salty water, flood etc.
- products out of warranty periods can be repaired and will be charged by authorized service center.

## Conformity with European Regulations and Standards

This DAB radio complies to the European EMC Directive 89/336/EEC and national regulations. It corresponds to European harmonised standards EN 55 022 with A1, as well as EN 55024. The latest issues of our Original Conformity Declaration can be downloaded from our service homepage [www.hobbyradio.de](http://www.hobbyradio.de).

**Note:** In most European countries, listening to public broadcast stations requires to have a broadcast receiving licence, which can be applied by any household against regular fees. Under certain conditions, also portable radios may be covered by such regulations, depending on the country of operation. Please follow the national regulations.