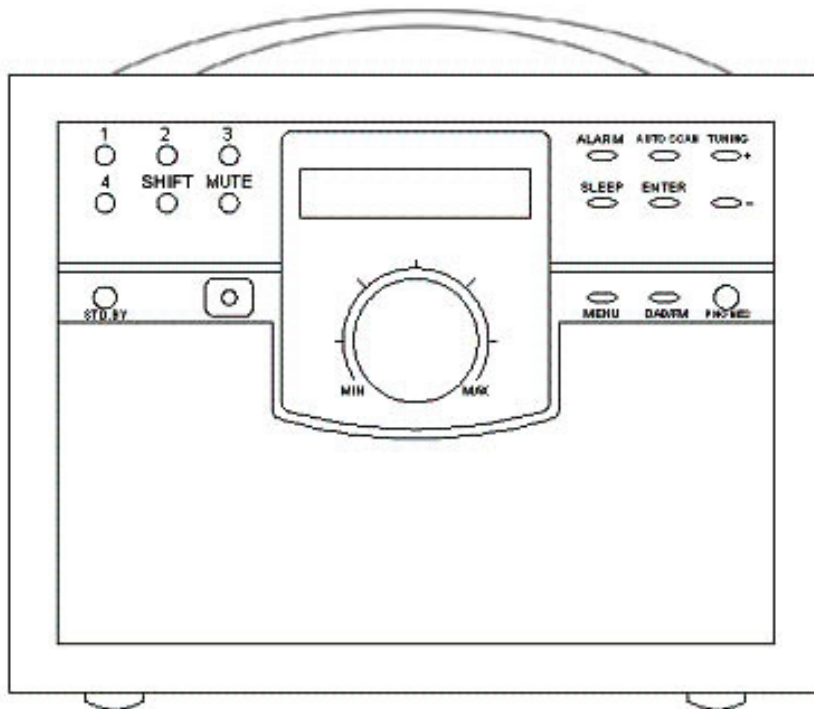




# User Manual

## **DAB Radio DR 600**



Please Read Carefully this manual before you operate this radio.

## Important Safety Instruction

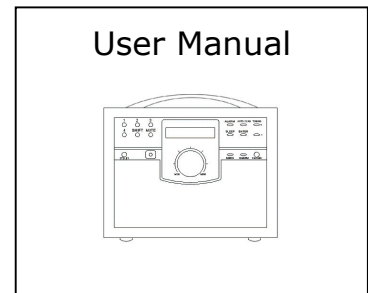
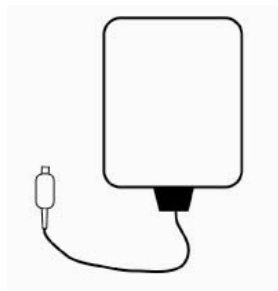
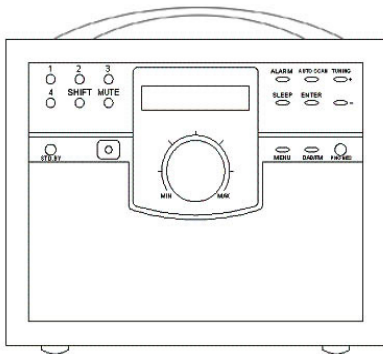
- This product is intended to work from DC 9 V +/- 10% and from 230 V AC via the supplied 230 V AC wall adapter.
- Do not attempt to unplug with wet hands.
- Product should be situated away from heat, water and moisture sources such as radiators, stoves, oven, bath tub, swimming pool or wet basement.
- Do not use any attachment not recommended by Albrecht. Do not disassemble or reassemble product under any conditions.
- Never spill or spray liquid on the product.
- Do not place heavy objects on top of product.
- Make sure product is placed on a smooth and solid surface.
- To ensure good ventilation. Do not block or cover any slots or openings in the cabinet.
- If the product is left unattended or unused for a long time. Unplug the power to prevent possible damage cause by lightning or power surges.
- Avoid placing product near devices which may generate magnetic fields.
- Replacement Parts – When replacement parts are required, be sure the service technician had used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, injury or other hazards.
- Servicing – Do not attempt to service this player yourself as opening or removing covers may expose you to dangerous voltage of other hazards. Our warranty is void if unauthorized repair attempts are stated. Refer all servicing only to qualified service personnel.

### **WARNING:**

Any changes or modifications made to this system not expressly approved by the manufacturer could void your authority to operate this equipment.

# Unpacking

This section lists the contents of your package. Contact us if any items are missing or damaged.

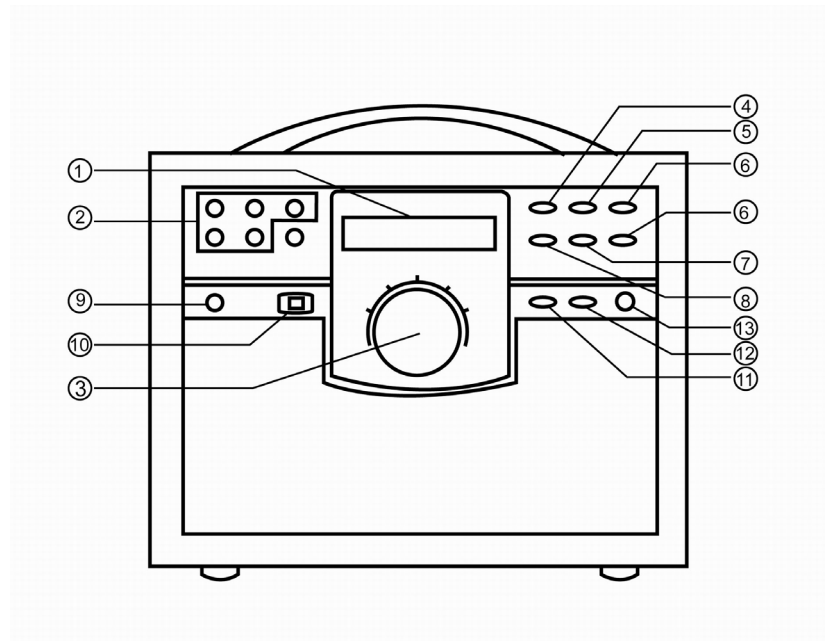


1. digital radio unit.
2. 230V AC to 9VDC Mains Power adapter.
3. Removable telescopic aerial (fitted to unit).
4. User Manual

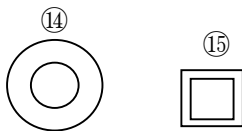
# Controls and Connectors

This section provides information on the controls and connectors available on the front and rear panels for your DAB radio.

## Front Panel



## Rear Panel



- ① Backlight LCD display
- ② Preset buttons (1-8) for up to right stations.
- ③ Vol knob adjusts the volume
- ④ Alarm
- ⑤ Auto Scan
- ⑥ Tuning +/-
- ⑦ Enter
- ⑧ Sleep
- ⑨ Std.By
- ⑩ LED Indicator
- ⑪ Menu button changes the text shown on the bottom line of the display
- ⑫ DAB / FM
- ⑬ Headphone Jack
- ⑭ Aerial socket for connection to the supplied telescopic or other aerial
- ⑮ 9V DC for connection to mains adapter

## Quick start

1. Fully extend the telescopic aerial.
2. Attach the mains adapter and plug in to your power supply.
3. Push the "**Std.By**" button to switch the unit on. The LCD will light up and a progress bar on the bottom line indicates the progress of an auto tune to find the stations available in your area. If no stations are found you will be presented with a series of options which you can use to retry the tuning process or and adjust your aerial position. The stations found will be stored in alphanumeric order and the first station on the list will be selected.
4. Adjust the "**VOL**" control if necessary to hear it.
5. Turn the "**Tuning +/-**" knob to see all the stations available and push to "**Enter**" and listen to another station.

## Using your DAB Radio

This section provides information on using your DAB radio including tuning, selecting a station and altering the display information.



### Switching on and off

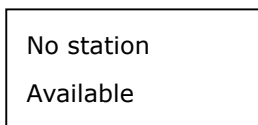
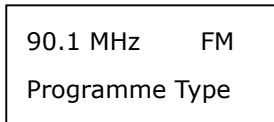
Before switching on for the first time, check all connections, extend your aerial fully and ensure that the volume is turned down. Push and release the "**Std. By**" button to switch the unit on or off. The LCD screen will light up when the unit is on.



### Auto Scan

When you first switch on the unit it will start an automatic tuning process described below in first time. You may want to re-tune the unit at a later date if you move the unit to a different room or if you want to receive a newly introduced multiplex.

## Tuning for the first time



When you switch on your DAB radio for the first time an **Auto Tune** process will be performed automatically. A progress indicator on the display show that **Auto Tune** is just running. If stations are found during the **Auto Tune**, the first station on the list will be selected and you will hear it through the speaker.

If no stations are found during the **Auto Tune**, "**No station available**" will be shown on the display for a few seconds and then press "**Auto Tune**" to scan the radio station again.

## Connecting to headphones



You can connect a set of stereo headphones to your radio using the headphones socket. It is also possible to connect the radio to a home stereo amplifier by this socket.

## Connecting to power supply

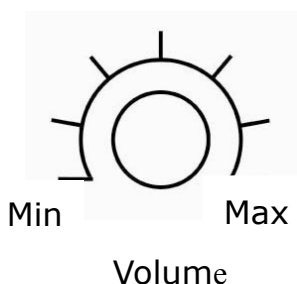


9V 1.2 A

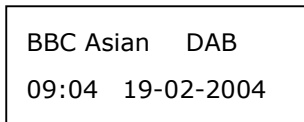
Once you have made all other connections, connect the supplied power lead to the socket on the side of your digital radio and plug the power adapter into a wall outlet. Do not use other wall adapters than the original, do not use adapters any more if cables, plugs or plastic cabinets are damaged.

## Adjusting the volume

You can rotate the volume using the volume knob.

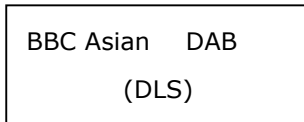


## Menu



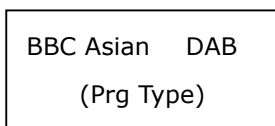
### **Data and Time**

Display the date and time obtained from the current multiplex.



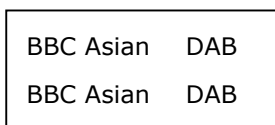
### **DLS**

Dynamic Label Segment Displays the mode of the current service. In most cases the broadcast stations use the DLS for information about the songs or about the artists



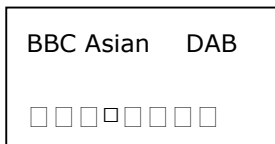
### **Prg Type**

Displays the mode of the program type. This is set by the broadcaster to suit the type and quality of material being transmitted.



### **Channel**

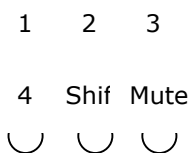
Displays the channel identifier for the station to which you are listening.



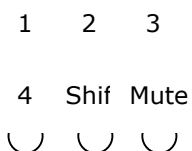
### **Reception**

Displays the station of signal reception weak or strong. The bar display can be used to find the optimum antenna position.

## Using the preset knobs



Once you have tuned your radio you select the digital radio station you want to listen by using the Tuning+/- knob. If you have assigned stations to preset knobs, you can also select them directly by pressing the relevant numbered button (1-8). The numbered buttons (1-8) enable you to store radio stations for one-touch access.

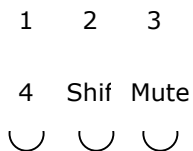


## To store a station

If You have tuned to your desired station and hear it via the speaker, simply press one of the station storage buttons for about 2-3 seconds, the storage facility will then take over the

station into the memory location. Station knobs 1-4 have direct access, while the memory locations 4-8 can be reached after pressing the shift button first.

You can store a station to a preset while listening it or when you see the station name on the bottom line of the display while scrolling through the station list.



## To recall a previously stored station

Press and release the numbered button under which you stored the station. If the selected preset is empty, the display shows "**Preset empty**" for a few seconds and you continue listening to the currently selected station.



## Mute

Mute: Push it then muting music, push again and start the music again.



## DAB/FM toggle-switch

DAB/FM: Push it then switching to FM, push again and return to DAB.

Please note that DAB transmissions are not yet available in all regions. Use conventional FM radio mode when You cannot find any DAB station. The RDS system is active on the standard FM band 87.5 to 108 MHz. Stations which are using this system can be identified in the display.

The national authorities allow long transition periods for the broadcasters to switch over to digital DAB transmissions, but sooner or later more and more stations will start DAB transmissions.



BBC Asian DAB  
10:10 19-2-2004

Menu



BBC Asian DAB  
Customer vP1.05



BBC Asian DAB  
Stereo 192Kbps



BBC Asian DAB  
**L-Band L1-L23**



Manual tune



LA 1452.96 MHz

## L-Band Selection

In some regions of Germany, France and Canada additional channels in the L-Band are used to broadcast local radio programs. In these countries You should activate the L Band reception parallel to the Band III standard reception.

Menu: Press "**Menu**" and hold 3 seconds for continue control  
Menu: Press "**Menu**" again

Menu: Press "**Menu**" to select channel in L1~L23 (Canada) or **LA~LW** (Germany and France) mode

Enter: Hold "**Enter**" 2 seconds to appear "**Manual tune**". Then press "**UP**" or "**Down**" to select channel and press "**Enter**" to confirm the selection

## Alarm



## Alarm

Alarm Status  
off

**Alarm:** Press alarm key to activate the Alarm function ("on" or "off")



Alarm Type  
Beep

Turning Up/Down: Press "**Up**" or "**Down**" to select alarm type, you can select **alarm type** as Radio or Beep.



Alarm Time Set  
10:35      00:00

**Time set:** press turning "**Up**" or "**Down**" to set up your alarm time, you can continue to push it in order to speed up the timer. Then press enter key to finish the setting, you will see the "\*"graphic to show in LCD at right lower corner.

**Stop alarm:** During Alarm sounds, just push **alarm** key then "**Enter**" key or "**Power**" to stop alarm.

## Sleep



## Sleep

Sleep Status  
off

The Sleep function will switch off the radio automatically after a pre-determined time.



Sleep Status  
30 min

Press "**Sleep**" key then "**Enter**" key . Use "**Up/Down**" to select the time after which the radio shall switch off (for example after 30 minutes).



Sleep timer  
On      30 min

**Enter**  
Confirm setting with "**Enter**".

Manual Tune

## Manual tune

Push "**Enter**" key 2 sec. The Display will show "**Manual tune**". This option provides a signal level display which you can use to find the best position for your radio and aerial. When you select this option, the bottom line of the display shows the channel identifier and frequency.

Turn the "**Enter**" knob to press "**Up/Down**" through different channels and select one. Storing is again possible by pressing one of the station knobs longer than about 2 seconds.

## Trouble Shooting Hints

Problem	possible Actions
I cannot switch on the radio	Check the power supply and -cable
No Sound	Check whether the radio is switched on, check whether the volume control is not in MIN position.
Sound on analogue channels is distorted	Check antenna position, try a better antenna position or search for another transmitting station for the same program.
"NO SIGNAL" is displayed in DAB DAB signal is out of range or Display blank	No or too weak DAB reception. DAB reception may disappear suddenly completely when the radio is out of transmitter range. In that case try another station, get an outdoor antenna or switch to conventional FM service
Time display is not correct	manual settings of time & wake up
I would like to know more about DAB	go to <b>www.worlddab.org</b> , choose a country and find the regions and frequencies where DAB is actually transmitted.
DLS information incorrect	The DLS display fully depends on the broadcaster's input. Not all stations are using already such DLS information!

## General Specification

Power Supply:	DC 9V +/- 10% 1.2 A
Bands:	FM (88-108 MHz) Band III ( 174~240 MHz) L Band (1.452 to 1.492 GHz)
Display:	LCD, 16*2 Dot matrix
Output Audio:	2 x 2.5 W RMS (per channel)
Dimensions:	210 x 160 x 110 (W x H x D) mm (without handle)

### European 2 years warranty

The distributor, dealer or retail shop warrants to the original retail purchaser of this product that should this product or any part of it, under normal use and conditions, be proven defective in material or workmanship within 2 years from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the company's option) without charge for parts and repair labor. To obtain repair or replacement within the terms of this warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), to the distributor, dealer or his authorized repair center. The Company disclaims liability for communications range of this product. The warranty does not apply to any product or part there of which, in the opinion of the company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). The warranty does not apply to accessory parts or problems caused through not authorized or not recommended accessories like of the units like headphones, audio cables, external power supplies and over voltage caused through external power supplies, light bulbs, broken antennas, broken or damaged acrylic glass windows and cabinet parts. Please contact the dealer or person where you have purchased your DAB radio.

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