


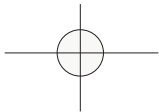


ARGON

Quality has always been our driving force and founding Argon Audio is a natural extension of this philosophy. We have 20 years' experience in creating and specifying high quality products, manufacturing them and selling them on to end users with Value-for-Money as the primary aim. And Argon Audio is a brand fully compliant with these values.

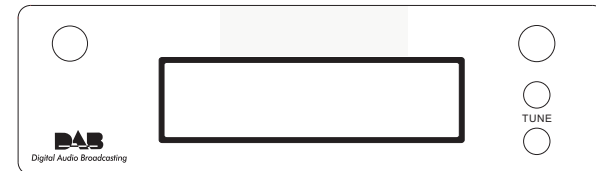
Design, features and quality standards are all specified in Denmark and manufacturing takes place in the Far East, where quality vendors are highly competitive - and as a result supply outstanding Value-for-Money products – to the delight of both ourselves and our customers!

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DAB Adaptor User Manual

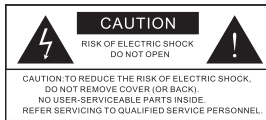



WARNING


To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

CAUTION

Use of controls or adjustments of performance of procedures other than those specified may result in hazardous radiation exposure.



 The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to person.

 The exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

Read Instructions

Read all safety and operating instructions before operating the product

Retain Instructions

Keep all safety and operating instructions for future reference.

Heed Warnings

Take note of all warnings on the product and in the operating instructions.

Follow Instructions

Follow all operating and usage instructions.

Cleaning

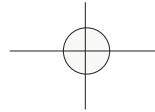
Unplug this product from the power source before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

Attachments

Do not use attachments of accessories not recommended by us as they may cause hazards.

Water and Moisture

Do not use this product near any water source or water hazard.



Placement

Place the product on a stable surface or recommended stand, or sold with the product. Otherwise, the product may fall and cause injury to a person, and damage to the product. Follow the manufacturer's instructions for mounting the product.

Ventilation

To ensure reliable operation and to prevent overheating, do not block or cover ventilation openings and slots with fabrics or impermeable material. Do not place in a built-in installation such as a bookcase or rack unless there is proper ventilation or our instructions have been adhered to.

Heat

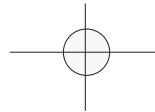
Do not place this product anywhere near heat sources such as radiators, stoves, and other products (including amplifiers) that produce heat.

Power Sources

This radio is specifically designed for operation within the electrical range(s) specified on the provided power adapter and use outside of this range shall be at your own risk. Please contact your local electric utility company if you have any questions about the electrical voltage at your intended location of use. This device is sensitive to electrostatic discharge and may not function as a result. In this case disconnect the device from its mains supply and reconnect shortly thereafter. You can continue to use the device normally.

Polarisation

The product may be equipped with a polarised alternating-current line plug, a safety



feature. As one blade is wider than the other, this plug can only fit into the power outlet in one way. If you cannot insert the plug fully into the outlet, reverse the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. Do not force the plug into the outlet.

Power-cord Protection

Arrange the power-cord to minimise the risk of damage from traffic or other hazards. Pay particular attention to the area near the plug head, the power source outlet and the connection from the product.

Lightning

Unplug the product from the power source during lightning storms or if unused for long periods of time. This will prevent lightning and power-line surge damage to the product.

Overloading

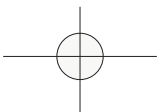
Do not overload wall outlets, extension cords, or integral power circuits as this can result in a risk of fire or electric shock.

Object and Liquid Entry

Never push any object through the product openings, as this can result in a fire, electric shock or damage. Do not spill liquids on the product.

Servicing

Do not attempt to service the product yourself. Refer all servicing to qualified service personnel.



Damage Requiring Service

Unplug the product from the power source. Call for servicing when:

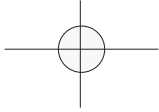
- a) the power-supply cord or plug is damaged.
- b) objects have fallen through or liquids have been spilled into the product openings.
- c) the product has been exposed to rain or water.
- d) the product does not operate normally when following the operating instructions.
- e) the product behaves differently.
- f) the product has been dropped or damaged in any way.

Replacement Parts

when replacing parts, check that the service technician has used replacement parts specified by us or have the same characteristics as the original parts. Unauthorised substitutions may result in fire, electric shock, or other hazards.

Safety Check

After servicing or repairing the product, get the service technician to perform safety checks to be sure that the product is working properly.



Contents

1. Your DAB Adaptor-----Page 7 ~9

2. Setting Up Your DAB Adaptor-----Page 9

3. Using Your DAB Adaptor-----Page 10 ~14

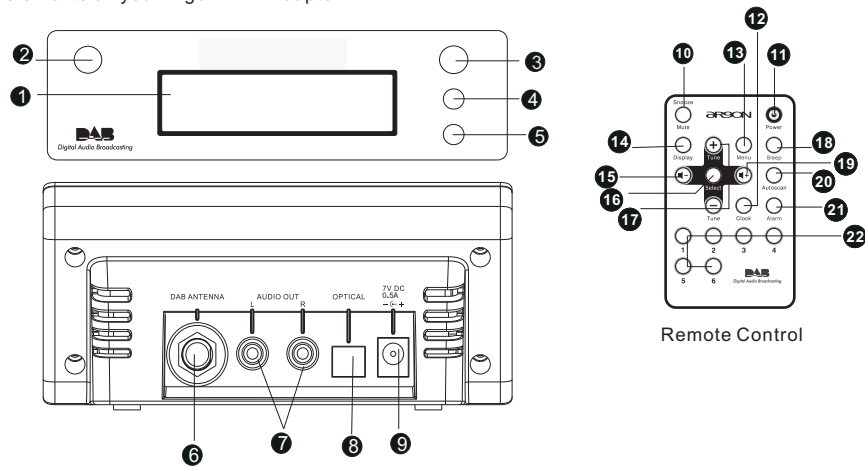
- A Power button -----Page 10~11**
- B Tune button on the unit and remote control----- Page 11**
- C Menu button -----Page 11~15**
- D.Snooze /mute button-----Page 16~17**
- E.Display button-----Page 17 ~18**
- F.Sleep button-----Page 18~19**
- G.Autoscan button-----Page 19~20**
- H.Clock button-----Page 20~23**
- I.Alarm button-----Page 23~25**
- J.Preset button-----Page25**
- K.Resetting your DAB adaptor-----Page 25**

4. Band III Frequencies-----Page 26

5. General Specifications-----Page 27

1. Your DAB Adaptor

This chapter describes and shows you the location of the various controls, jacks and elements on your Argon DAB Adaptor.



Remote Control

Controls, Jacks and Elements	Function
1. LCD display	It is the LCD display
2. Receiver	It is the receiver of the remote control
3. Power buttons	Press the button for 3 seconds will switch between Standby and playing mode and press the button shortly as enter function .
4. Tune +	Press to select the station upwardly .
5. Tune -	Press to select the station downwardly .
6. Antenna socket	You can connect the attached cable antenna to it for better reception .
7. Audio Out socket	You can use "RCA to Stereo "cable to connect it to an external amplifier or recorder for hearing the station .
8. Digital Out socket	You can use an optical cable to connect it to an external amplifier or recorder for getting the digital out .
9. DC socket	It is for connection to mains adapter .
10. Snooze /Mute button	Press to temporarily turn off your alarm press to mute a radio broadcast or the audio from a connected external audio device.
11. Power button	Press to switch between Stand By and Playing mode .
12. Clock button	Press to set the clock .
13. Menu button	Press to enter the advanced setup menu .
14. Display button	Press to show the station information when the unit is playing .

Controls, Jacks and Elements	Function
15. Volume \leftarrow button	Press to adjust and reduce the volume .
16. Select button	Press to use as enter "function" .
17. Tune button	Press to enable you to change the menu order and Number of station .
18. Sleep button	Press to activate and set your sleep delay timer . This function turns off your radio after a preset period of time .
19. Volume \rightarrow button	Press to adjust and increase the volume .
20. Autoscan button	Press to scan all frequencies in DAB .
21. Alarm button	Press to set the alarm .
22. Preset button	Press to preset the stations .

2. Setting Up Your DAB Adaptor

1. Place the radio on a flat surface, preferably in an interference-free location.
2. Use a "RCA to stereo" or a "RCA to RCA" cable to connect the "Audio Out" socket of the unit to the an external amplifier or recorder .
3. Connect the power adapter to your DAB Adaptor and power outlet. Argon DAB Adaptor goes into playing mode .

3. Using Your Argon DAB Adaptor

A. Power button

The display similar to Figure 3-1 appears when Argon DAB adaptor is connected to the power outlet.



Figure 3-1

After about 3 seconds, the radio goes to a DAB autotune process the display similar to the Figure 3-2 appears.



Figure 3-2

If stations are found during the autotune the display similar to Figure 3-3 appears .



Figure 3-3

If no station are found during the autotune the display similar to Figure 3-4 appears .

No stations Available

Figure 3-4

To press and hold the **Power button** on the unit for 3 seconds will switch between the Stand By and Playing mode .

To press the **Power button** on the remote control will switch between the Stand By and Playing mode .

B. Tune button on the unit and remote control

To press the **Tune -or Tune +button** will choose the station that you want to .

C. Menu button

To press the button will enter the Submenu then by pressing the **Tune -and Tune +button** continuously you can choose the Submenu the display similar to Figure 3 5 appears .

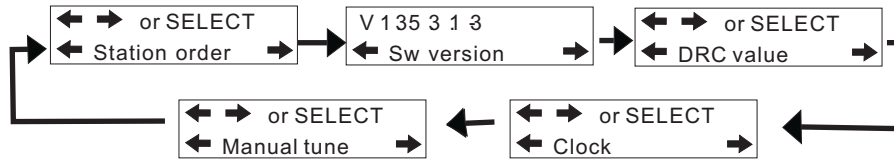


Figure 3-5

← → or SELECT
← Station order →

Figure 3-5 1

Display similar to Figure 3 5 1 appears the option enables you to choose the order in which DAB station appear as you scroll through the station list When you select this option you see the currently selected order on the top row of the display and a scroll list on the bottom . Press the Select button to scroll through the following options and push the Tune +/-button to select one .

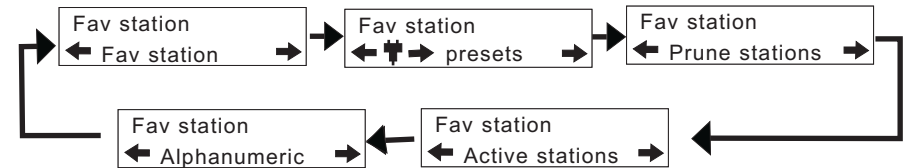




Figure 3-5 1A

Fav station Displays the six most listened to stations at the top of the station list in alphanumeric order and the rest below in alphanumeric order Your favourite stations will be displayed with a  next to the station name when you scroll through the station list .

 **Presets** Available only when Fav station order (above) has been selected Transfers your six favourite stations to the preset buttons Pls see the Preset button ..

- Prune stations** : Removes inactive stations from the station list .
- Active stations** : Displays active stations at the top of the service list in alphanumeric order and inactive ones at the bottom in alphanumeric order
- Alphanumeric** : Display all stations in alphanumeric order This is the default setting .

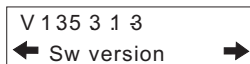


Figure 3-5 2

Display similar to Figure 3 5 2 appears the option enables you to view the version number of the software installed in your DAB Adaptor This option can only be viewed no adjustment is available .

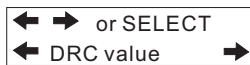


Figure 3-5 3

Display similar to Figure 3 5 3 appears the option enables you to alter the dynamic range of the received DAB audio (dependent on broadcast material) by making the quieter sounds in a broadcast more audible This may be useful in noisy environments of particularly quiet parts of programmes The DRC level of a broadcast is set by a broadcaster and transmitted with the service Changing this DRC value enables you to apply a scaling factor to this level When you select this option you see the current DRC value on the top line of the display and a scroll list on the bottom Press the Select button to scroll through the following options and push the **Tune +/-** button to select one :

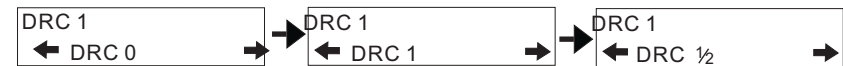
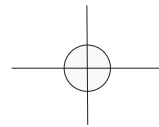


Figure 3-5 3A

- DRC 0** : DRC scaling is switched off .
- DRC 1** : Applies the DRC scaling as sent with the transmitted service This is the default setting .
- DRC 1/2** : DRC scaling is set to 1/2 that sent with the transmitted service .

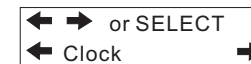


Figure 3-5 4

Display similar to Figure 3 5 4 appears the option enables you to set the clock and other advance setup Press the **Select** button to scroll through the following options and push the **Tune +/-** button to select one :

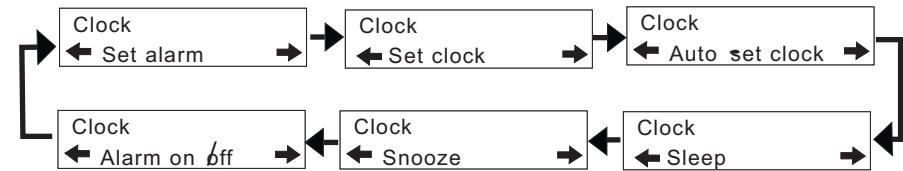
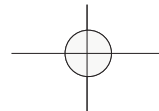
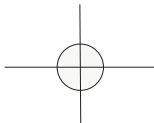


Figure 3-5 4A





- Set alarm** : Press the **Select button** and push the Tune +/-button to set the alarm function , Please see The Alarm setting in Page 23 -25 .
- Set clock** : Press the **Select button** and push the **Tune +/-button** to set the clock function , please see the clock setting in page 20 -23 .
- Auto set clock** : Press the **Select button** to keep the current time consistent with the station time .
- Sleep** : Press the **Select button** and push the **Tune +/-button** to set the sleep functio please see the sleep setting in page 18 -19 .
- Snooze** : Press the **Select button** and push the **Tune +/-button** to set the snooze functio , please see the snooze setting in page 16 -17 .
- Alarm on / off** : Press the **Select button** to turn on and turn off the alarm function .

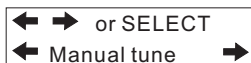
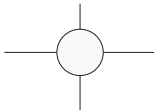


Figure 3-5 5

Display similar to Figure 3 5 5 appears pressing the Select button and pushing the Tune +/- button enables you to choose the stations that you want to listen to .



D.Snooze /mute button

- ① To press the button will mute the unit when it is playing to turn off the mute function, press the Snooze button again.
- ② When the alarm is activated you can press the Snooze button on the remote control to snooze the unit the display similar to Figure 3 6 appears .

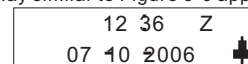


Figure 3-6

How to set the snooze timer :

To press the **Menu button** and then press **Tune +/-button** for choosing will enter the snooze timer setting the display similar Figure 3 7 appears .

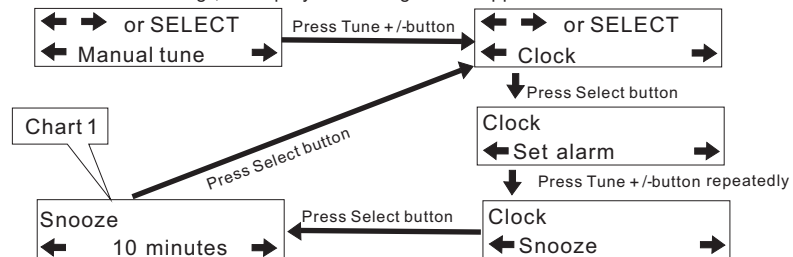


Figure 3-7

When the display of the above Chart 1 appears you can set 5 10 15 20 30 35 40 45 50 55 60 minutes snooze timer by pressing **Tune +/-** button repeatedly you can Inactivate the snooze function when you set "off" .

E. Display button

When your DAB adaptor is playing to press the Display button enables you to view parts of the broadcast DAB data on the bottom line of the display and repeat to cycle through the following seven different display modes showed as Figure 3 8 .

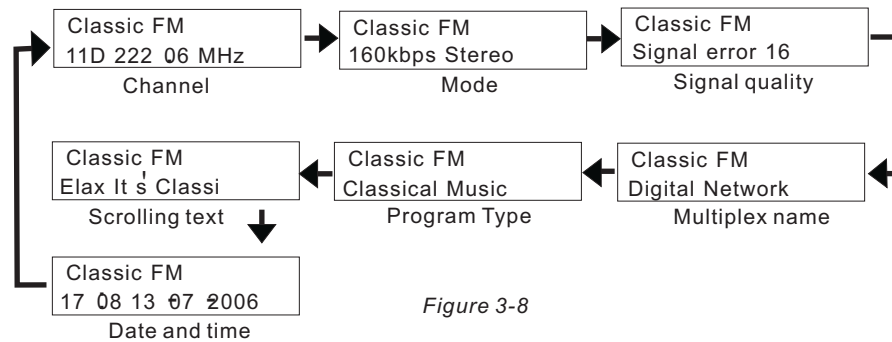


Figure 3-8

Channel Display the channel identifier and frequency for the station to which you tuned .

Mode Display the mode of the current service Stereo or Mono and the data rate at which the audio signal is being transmitted . This rate is set by the broadcaster to suit the type and quality of material being transmitted .

Signal quality Display the signal quality for the signal to which you are tuned As a guide values from 85 to 100 indicate good reception 70 to 84 borderline reception and 0 to 69 poor reception You can attempt to improve this signal quality by adjusting your aerial position .

Multiplex name Display the name of the multiple in which the current service is found .

Program Type A label describing the type of content being broadcast by the service .

Scrolling text The default mode display scrolling text messages which accompany the audio where available .

Date and time Display the date and time obtained from the current multiplex .

F. Sleep button

This option turns the radio off automatically after a specified period.

How to set the sleep timer :

When the unit is playing and press the **Sleep button** the Figure 3 9 appears .

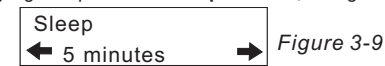
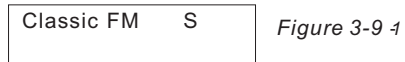


Figure 3-9

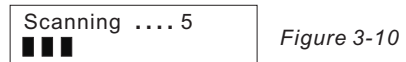
When the above display appears you can set 5 10 15 20 25 30 35 40 45 50 55 60 minutes sleep timer by pressing the **Tune +/-** button repeatedly

At las press the **Select button** will finish setting the sleep fuctions the display similar to Figure 3 9 4 appears .



G.Autoscan button

Press the button enables the unit to autotune the all stations .Display similar to Figure 3 40 will show the autotune status .

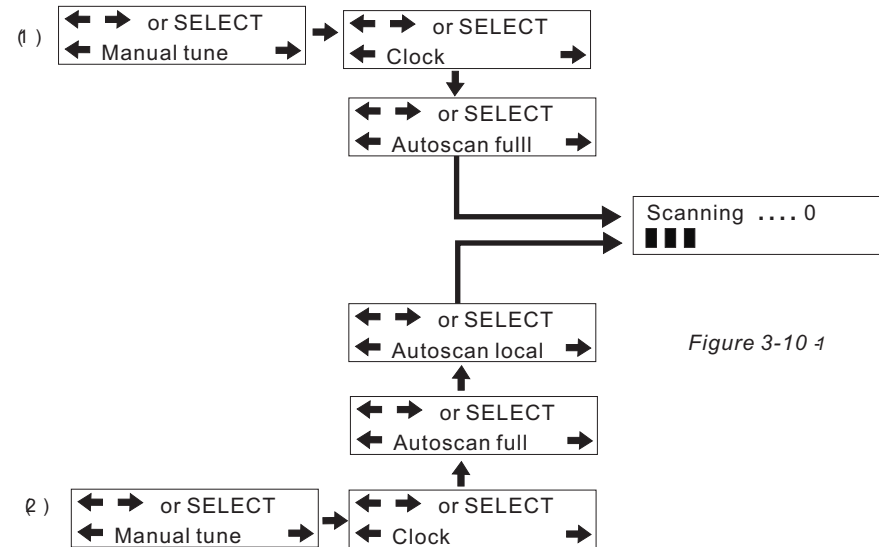


Note1:The filled blocks indicate the station s scanned status.
Note 2:The figure 5 shows 5 stations were searched.

There are 2 options belows for autoscan function :

- 1) Autotune local Scans all frequencies in the national channel allocation This should only take a few seconds .
- 2) Autotune full Scans the full range of digital frequencies This may take a minute or more .

After resetting the unit press the **Tune +/-button** repeatedly and **Select button** sets the above 2 autotune options ,the Figure 3 40 4 appear .



H.Clock button

Press the button enables you to enter the clock function setting you can set the clock according to the following diagrams

(1) Updating clock .

After pressing the **Clock button** when the unit is playing you can update the clock time that keeps consistent with the stations time according to Figure 3-11-1 .

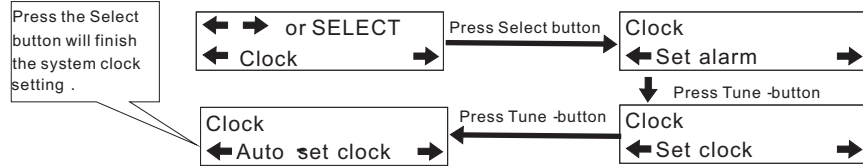


Figure 3-11-1

2) Setting the system clock .

After pressing the **Clock button** you can set the system clock time according to Figure 3-11-2 .

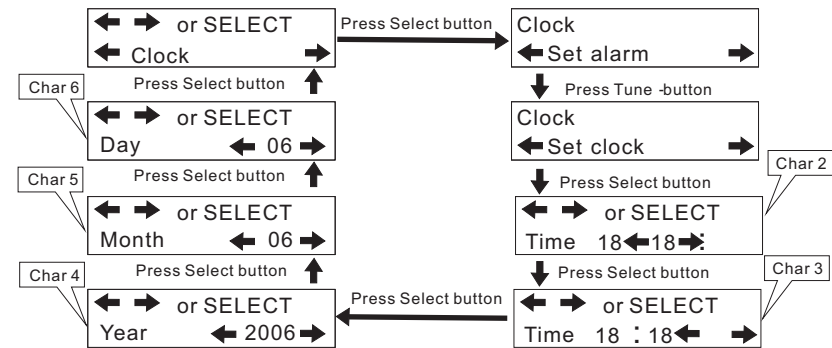


Figure 3-11-2

Notes :

- 1) When the above **Chart 2** appear ,you can press the **Tune +/-button** to adjust the the hour value of the clock that you need .
- 2) When the above **Chart 3** appear ,you can press the **Tune +/-button** to adjust the 3) the minute value of the clock that you need .
- 3) When the above **Chart 4** appear ,you can press the **Tune +/-button** to adjust the 4) the year value that you need .
- 4) When the above **Chart 5** appear ,you can press the **Tune +/-button** to adjust the the month value that you need .

5) When the above **Chart 6** appears you can press the **Tune +/-button** to adjust the the month value that you need .
 After the above clock setting is finished and the unit is in Stand By mode the display similar to Figure 3 -11 3 shows the clock time that you set .

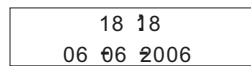


Figure 3-11 3

I.Alarm button

Press the button enables you to set the alarm function After pressing the **Alarm button** the display similar to Figure 3 -12 -1 .

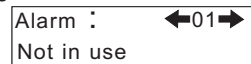


Figure 3-12 1

There are 4 times of alarm setting when the Figure 3 -12 -1 appears you can adjust the 01 02 03 04 on the top right corner by pressing **Tune +/-button** to set the alarm setting times .

How to set the alarm function ?

After pressing the **alarm button** you can set the alarm function according to the following display similar to Figure 3 -12 2 .

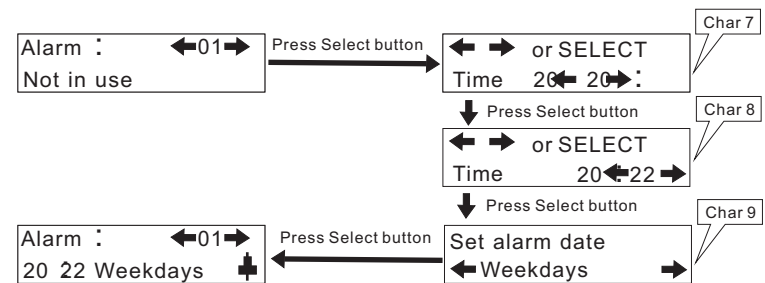


Figure 3-12 2

Notes :

- (1)When the above **Chart 7** appears you can press the **Tune +/-button** to adjust the the hour value of the alarm that you need .
 - (2)When the above **Chart 8** appears you can press the **Tune +/-button** to adjust the (3) the minute value of the alarm that you need .
 - When the above **Chart 9** appears you can adjust Weekdays Daily Once Weekends by pressing the **Tune +/-button** repeatedly to set the alarm date .
- After the above alarm setting is finished and the unit is in Stand By mode the display will shows the Figure 3 -12 3 .

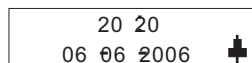


Figure 3-12 3

J.Preset button

Pressing the button can store a stations and recall a previously stored station .

(1 To store a station

Pressing the numbered buttons (1 -6)enable you to store radio stations for one touch You can store up to six stations presets Press and hold down a numbered button for around 2 seconds to store the station under that .The display shows e g . Prēset 1 saved "when the station has been successfully saved .

(2 To recall a previously stored station

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

J.Volume button

When the unit is play pressing the **Volume button** will enter the volume setting ,the display similar to Figure 3 -13 appears .The you can press Tune +/--button to adjust the volume value .

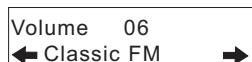


Figure 3-13

K.Resetting your DAB adaptor

Pressing and holding the **Menu button** for around 3 seconds and then you can reset your DAB adaptor according to the operation showed in Figure 3 -14 .

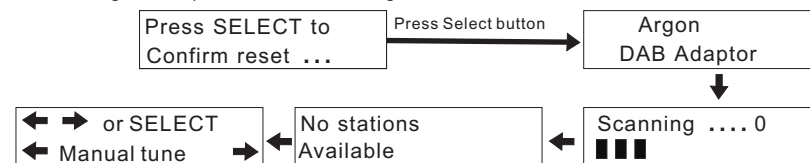
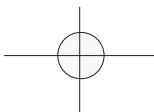


Figure 3 -14

4.General Specifications

Frequency Range: Band III (174~240MHz)
 LCD display:16x2 characters and blue backlight.
 Input voltage:7V DC/0.5A
 Dimensions(W x H X D):140mmx63mmx63mm
 Weight:0 66Kg



5 Band III Frequencies

Table: List of DAB Band III Frequencies

Frequency block	Frequency(MHz)
5A	174.928MHz
5B	176.640MHz
5C	178.352MHz
5D	180.064MHz
6A	181.936MHz
6B	183.648MHz
6C	185.360MHz
6D	187.072MHz
7A	188.928MHz
7B	190.640MHz
7C	192.352MHz
7D	194.064MHz
8A	195.936MHz
8B	197.648MHz
8C	199.360MHz
8D	201.072MHz
9A	202.928MHz
9B	204.640MHz
9C	206.352MHz
9D	208.064MHz
10A	209.936MHz

Frequency block	Frequency(MHz)
10N	210.096MHz
10B	211.648MHz
10C	213.360MHz
10D	215.072MHz
11A	216.928MHz
11N	217.088MHz
11B	218.640MHz
11C	220.352MHz
11D	222.064MHz
12A	223.936MHz
12N	224.096MHz
12B	225.648MHz
12C	227.360MHz
12D	229.072MHz
13A	230.784MHz
13B	232.496MHz
13C	234.208MHz
13D	235.776MHz
13E	237.488MHz
13F	239.200MHz

