

# ARGON

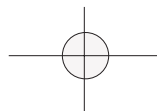
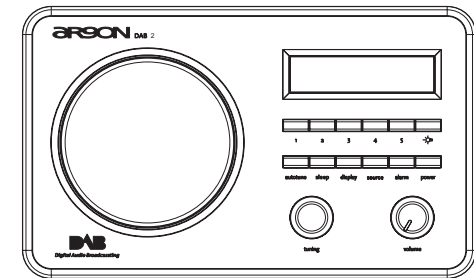
**Congratulations with your new Argon DAB 2**

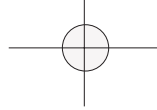
Quality has always been our driving force and founding Argon Audio is a natural extension of this philosophy. We have 20 years' experience in creating and specifying high quality products, manufacturing them and selling them on to end users with **Value-for-Money** as the primary aim. And Argon Audio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

[www.argonaudio.com](http://www.argonaudio.com)

## Argon DAB 2 User Manual



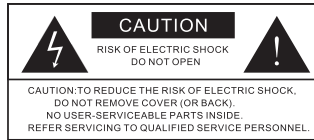


## WARNING

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

## CAUTION

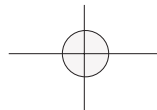
Use of controls or adjustments of performance of procedures other than those specified may result in hazardous radiation exposure.



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) instruction 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 operations and usage instructions.

### Cleaning

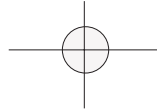
Unplug this product from the power source before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

### 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.

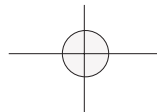
### Power Sources

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.

### 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.

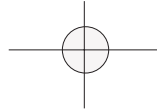
### Object and Liquid Entry

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



**Damage Requiring Service**

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

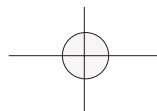
- a) the power-supply cord or plug is damaged.
- b) objects have fallen through or liquids have been spilled into the product openings.
- c) the product has been exposed to rain or water.
- d) the product does not operate normally when following the operating instructions.
- e) the product behaves differently.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

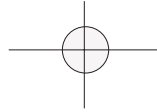
After servicing or repairing the product, get the service technician to perform safety checks to be sure that the product is working properly.



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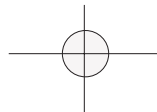
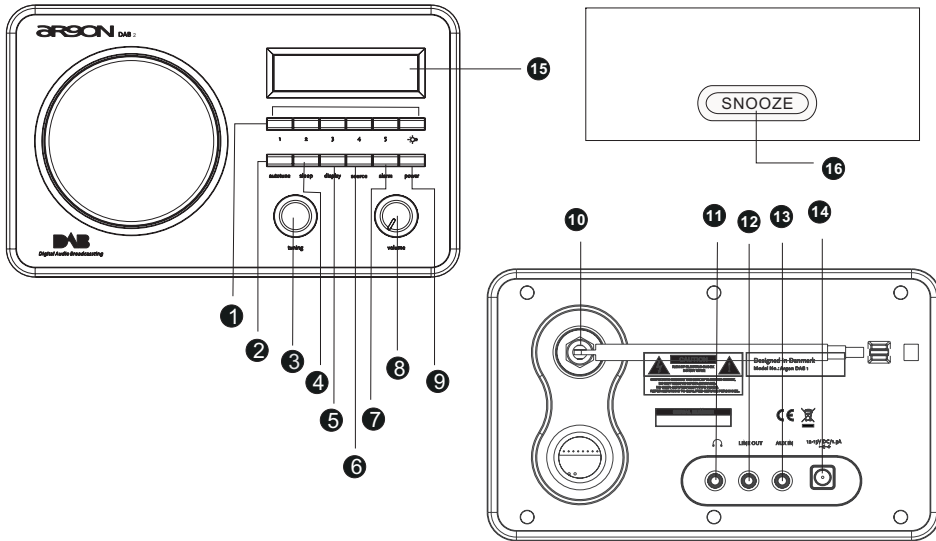
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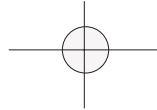


## 1. Your DAB/FM Radio

This chapter describes and shows you the location of the various controls, jacks and elements on your Argon DAB 2.



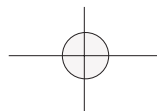
Controls, Jacks and Elements	Function
1. Presets buttons	Press to recall a stored radio station.
2. Autotune buttons	Press to perform a quick scan or full scan in DAB mode. Press to perform an automatic scan in FM mode.
3. Tuning Knob	Turn to select options, scan or switch stations and select ensembles. Press to confirm selection or activate a function.
4. Sleep buttons	Press to activate and set your sleep delay timer. This function turns off your radio after a preset period of time.
5. Display button	Press this button to change the display on your LCD.
6. Source button	Press to switch between DAB and FM and Aux In mode.
7. Alarm button	Press to activate and set your alarm.
8. Volume button	Turn to adjust the volume of your radio. turn the knob clock wise to increase the volume level and counterclockwise to decrease the volume level.
9. Power button	Press to switch between Stand By and Playing Mode.
10. Antenna	You can adjust the antenna direction for better Reception.



Controls, Jacks and Elements	Function
11. Headphone jack	Connect stereo headphones with a 3.5mm (1/8 inch) stereo plug to this jack.
12. Line Out jack	Use this jack to provide the sound to other audio accessories.
13. Aux In jack	Connect an external device such as a CD, MP3 or minidisc player to this jack with a 3.5mm stereo-to stereo cable.
14. Power Connector	Connect the power adapter to this connector.
15. Liquid Crystal Display (LCD)	Backlit display.
16. Snooze button	Press to temporarily turn off your alarm. Press to mute a radio broadcast or the audio from a connected external audio device.
17. Backlight button	Press to adjust the backlight of the LCD at low, middle and high levels.

## 2. Setting Up Your DAB/FM Radio

1. Place the radio on a flat surface, preferably in an interference-free location.
2. Connect the power adapter to your radio and power outlet. Turn on the power if necessary. Argon DAB 2 goes into Standby mode.



## 3. Using Your Argon DAB 2 radio

### A. DAB Mode

#### <A>. Selecting DAB mode

The display similar to Figure 3-1 appears when Argon DAB 2 is connected to the power outlet. After about 3 seconds, the radio goes to Standby mode, the display similar to the Figure 3-2 appears.



Figure 3-1

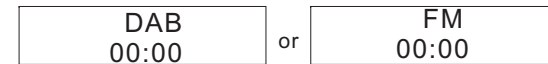


Figure 3-2

The radio displays the correct time in DAB and FM mode, after you perform a full scan in DAB mode for the first time. Your radio retrieves the time information from a DAB station.

If you are not in DAB mode, press the Source button. The display below appears, and the radio switches to DAB mode.

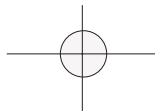


Figure 3-3

While in DAB mode, press the Source button, The display below appears, and the radio switches to FM mode.



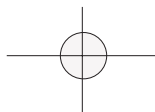
Figure 3-4

While in FM mode, press the Source button, The display below appears, and the radio switches to AUX IN mode.



Figure 3-5

You can switch the DAB/FM/AUX IN by pressing Sourcing button at any time.



### <B>.Scanning stations in DAB mode

There are three ways to scan for stations:

- Automatic full scan
- Quick scan
- Manual scan

To do an automatic full scan

1. Press and hold the Autotune button to begin automatic scanning of all stations. This may take a few minutes, during which you will see the displays in the sequence below. When a station is detected, it plays immediately.

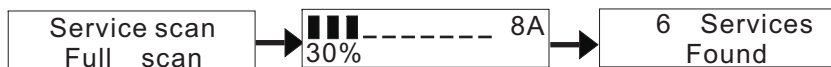


Figure 3-6

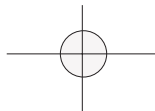
2. To preview another station, turn the Tuning knob until the name of another station appears.

3. Press the Tuning knob to select and listen to the new station.

Note 1: A group of stations being broadcasted on the same frequency of channel is called an ensemble such as the 8A as the above.

Note 2: The filled blocks indicate the station's scanned status.

Note 3: The figure 6 shows 6 stations were searched.



When a station is unavailable or no signal is present. One of the messages similar to Figure 3-7 appears.



Figure 3-7

To do a quick scan

(1) Press the Autotune button to begin automatic scanning of available ensembles in your country or region. This may take a few seconds, during which you will see the displays in the sequence below. When a station is detected, it plays immediately.

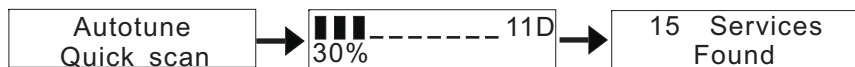
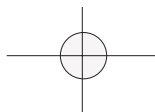


Figure 3-8

(2) To preview another station, turn the Tuning knob until the name of another station appears.

(3) Press the Tuning knob to select and listen to the new station.

When a station is not available or its signal is not present, one of the messages similar to Figure 3-7.



To do a manual scan

1. Press and hold the Display button for two seconds until the Drawing 1 below appears, then press the Display button, the Drawing 2 will appear, it follows on to press Tuning button, the Drawing 3 will appear, at last press the Tuning button to confirm the appearing station.

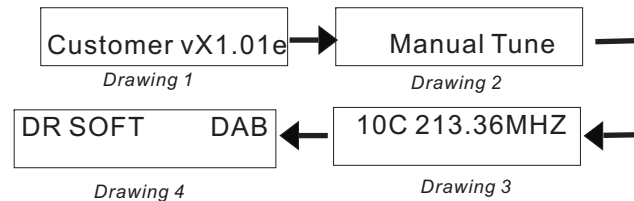
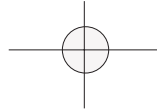


Figure 3-9

2. If you want to select the other station, when Drawing 4 appear, turn the Tuning knob to select the station you want, then press the Tuning knob to confirm this station.



### <C>.Viewing additional Information(Display Information)

Display information containing useful ones such as program type,ensemble name,and signal strength, including radio services, song titles, and special announcements sent by your DAB provider.

To view additional information in DAB mode

While playing a station in DAB mode,press the Display button.

Additional information appears at the bottom row of the display.

Each time you press the Display button, a new Display information similar to the ones below appears.

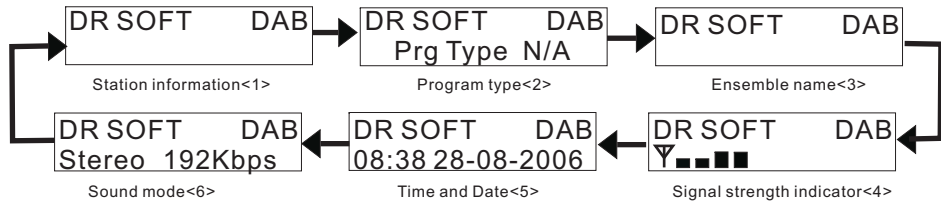
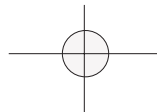


Figure 3-10

There are 6 different Display informations available for DAB mode:

1. Station information(1) indicates that the scrolling text messages such as song title, artiste name, and traffic reports are displayed



2. program type<2> indicates type of programs being played.
3. Ensemble name<3> indicates the name of stations broadcasted on the same frequency. The number of ensembles you can receive depends on your location.
4. Signal strength indicator<3> shows that the dashes indicates maximum level required for signal reception, and filled blocks indicate current signal level.
5. Time and date<5> indicates that time and date obtained automatically from a DAB transmission in your country or region.
6. Sound mode<6> shows that if the sound is Stereo Mode or Mono mode.

To view additional information in FM mode

The FM station has the RDS function,while playing a station in FM mode,press the Display button.

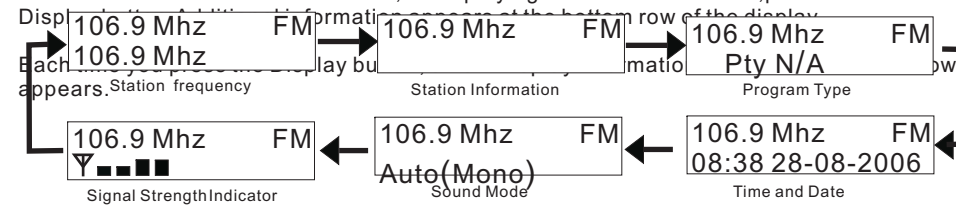
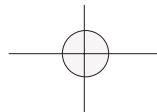
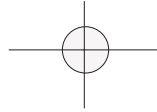


Figure 3-11





## B. FM Mode

### <A>. Selecting FM mode

If you are not in FM mode, press the Source button. The display below appears, and the radio switches to mode.

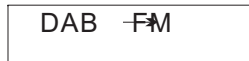


Figure 3-12

### <B>. Scanning stations in FM mode

To do an autotune

Make sure you are in FM mode, press the Autotune button to scan for FM stations in ascending frequency. To scan in descending frequency, press and hold the Autotune button.

Automatic scanning for an FM station begins. Once a station is successfully scanned, and you can hear the FM station's broadcast.

To do a manual scan

Turn the Tuning knob clockwise or anticlockwise until you hear an FM station's broadcast, or see the frequency you want.

### <C>. Selecting audio mode (Auto or Mono)

Follow the steps below to set your radio's audio output to Auto or Mono.

During an FM station's broadcast, press the Tuning button to select an audio mode.

In Auto mode, the radio plays the program's default output: stereo or mono.

In Mono mode, the radio plays mono output only. Some stations sound better in this mode because of their mode of transmission.

## 4. Using Basic Functions

### <A>. Storing and recalling your stations

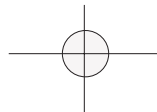
Your radio can store up to 5 DAB and 5 FM radio stations as presets.

1. To store a station you are listening to, press and hold the any one button of 1~6 number buttons you want to store the station in. You hear a beep and the display shows

Preset x stored (Where "x" is the any one of 1~5 number selected) to confirm that you have stored the station.

A new preset overrides an existing one when you store a new station over it.

You press the any one of the 1~5 number buttons, you will hear the corresponding station that you stored with the corresponding number buttons.



<B>. Setting the sleep timer

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

Press and hold the Sleep button for around 3 seconds, when OFF is flashing and then turn the Tuning knob to ON, turn the Tuning knob to increase the specified period by 15 minutes (to maximum of 90 minutes) shown as Figure 4-1, at last press the Tuning knob to finish the sleep setting, a letter "s" appears on the display as shown in figure 4-2 to show

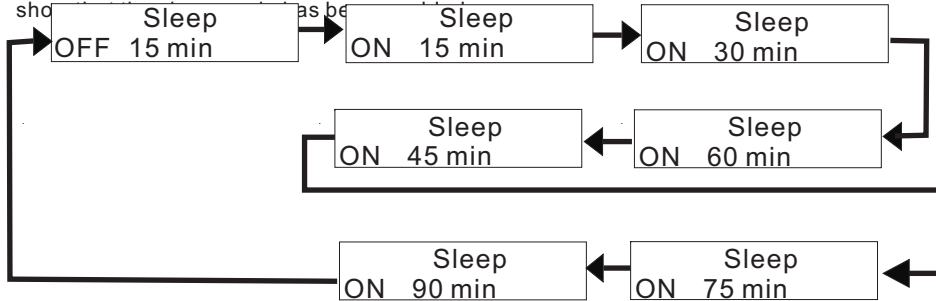


Figure 4-1



Figure 4-2

<C>. Checking the sleep timer setting

1. Press and hold the Sleep button for two seconds. The amount of time left is displayed on the bottom-right corner of the display.
2. To deactivate the sleep timer, press and turn the Sleep button repeatedly until the display in Figure 4-3 appears, at last press the Tuning Knob to finish it.



Figure 4-3

When you press the Power button, the sleep delay mode is deactivated.

<D>. Setting the alarm

1. Switch your radio to DAB mode first to obtain the correct time, and then switch back to FM mode.
2. When your radio is broadcasting or in Standby mode, press and hold the Alarm button for around 3 seconds, a display similar to Figure 4-4 appears. The current time is shown on the top-middle of the LCD. Turn the Tuning knob to make OFF ON and the press the Tuning knob to make your alarm time flashes.

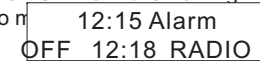
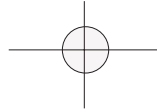


Figure 4-4

3. Turn the Tuning knob to increase or decrease the hour value.
4. Press the Tuning knob to go to the minute section. A display similar to Figure 4-5 appears. The current time is shown on the top-middle of the LCD. The minute section of your alarm time flashes.





<D>. Resetting the radio

You may want to erase your settings on your radio, including your presets, alarm and sleep delay settings.

In the FM or DAB mode, press and hold the Display button for 3 seconds until the Drawing 1 will appear, then press the Display button, the Drawing 2 will appear, at last press the Tuning Knob, the Drawing 3 will appear, which indicates the resetting the radio is ok.

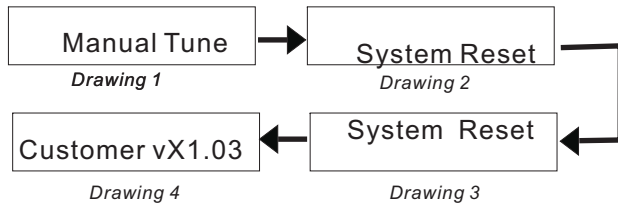


Figure 4-11

<E>. Viewing your radios software version

In FM and DAB mode, press and hold the Display button for 3 seconds until the following Drawing 1 appears, then press and hold the Display for 2 seconds in sequence for 3 times, the Drawing 2 below will appear, you can see the software version.

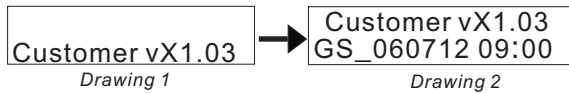
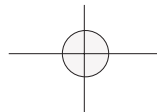


Figure 4-12

The software version may vary.



<F>. Using the AUX IN jack.

Use the 3.5mm stereo-to-stereo cable to connect an external device, like your CD OR Mp3 player to the AUX IN jack on your radio.

Press the Source button to go to a display similar to Figure 4-13, then connect the external device to AUX IN jack with a 3.5mm stereo-to stereo cable, you will hear a programs from the external device, but the sound is from the radio.

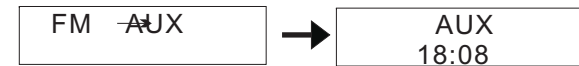
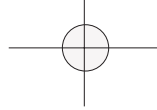


Figure 4-13

To increase the radio volume, you may need to adjust the volume on your external audio device.



Band III and L Band Frequencies

Table: List of DAB Band III Frequencies

Frequency block	Frequency(MHz)	Frequency block	Frequency(MHz)
5A	174.928MHz	10N	210.096MHz
5B	176.640MHz	10B	211.648MHz
5C	178.352MHz	10C	213.360MHz
5D	180.064MHz	10D	215.072MHz
6A	181.936MHz	11A	216.928MHz
6B	183.648MHz	11N	217.088MHz
6C	185.360MHz	11B	218.640MHz
6D	187.072MHz	11C	220.352MHz
7A	188.928MHz	11D	222.064MHz
7B	190.640MHz	12A	223.936MHz
7C	192.352MHz	12N	224.096MHz
7D	194.064MHz	12B	225.648MHz
8A	195.936MHz	12C	227.360MHz
8B	197.648MHz	12D	229.072MHz
8C	199.360MHz	13A	230.784MHz
8D	201.072MHz	13B	232.496MHz
9A	202.928MHz	13C	234.208MHz
9B	204.640MHz	13D	235.776MHz
9C	206.352MHz	13E	237.488MHz
9D	208.064MHz	13F	239.200MHz
10A	209.936MHz		

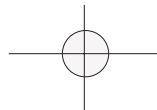


Table: List of L Band Frequencies

Frequency block	Frequency(MHz)	Frequency block	Frequency(MHz)
LA	1452.96MHz	LM	1473.50MHz
LB	1454.67MHz	LN	1475.21MHz
LC	1456.38MHz	LO	1476.92MHz
LD	1458.09MHz	LP	1478.64MHz
LE	1459.80MHz	LQ	1480.35MHz
LF	1461.52MHz	LR	1482.06MHz
LG	1463.23MHz	LS	1483.77MHz
LH	1464.94MHz	LT	1485.48MHz
LI	1466.65MHz	LU	1487.20MHz
LJ	1468.36MHz	LV	1488.91MHz
LK	1470.08MHz	LW	1490.62MHz
LL	1471.79MHz		

## 5. General Specifications

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Frequency Range:

DAB:

- Band III (174~240MHz); L Band(1452.96~1490.62MHz)
- Decodes all DAB transmission mode.

FM:

- 87.5~108MHz

Audio Frequency Range: 65Hz ~ 20 kHz.

Amplifier power: One 5w/3 inch full range speakers

LCD display: 16x2 characters and blue backlight.

Input voltage: 12V DC/1.5A

Input connector: 3.5mm auxiliary input for portable players, for example, CD and Mp3 player etc..

Output connector: 3.5mm jack for headphone.

Dimensions(W x H X D): 205mmx132mmx88mm

Weight: 1.26Kg