DAB+ adaptor

Dear Customer,

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!

Congratulations with your new Argon DAB+ Adaptor.

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DAB+ adaptor

Content

1. Introduction

1.1 Safety
Safety instructions

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 or performance of procedures other than those specified may result in hazardous radiation exposure.
The lighting flash with arrowhead symbol, within an equilateral triangle, is intended to alert user of the presence of un-insulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute risk of electric
shock to a 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.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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, otherwise the product may fall and cause injury to a person, and damage to the product.
Follow the manufacturers 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.

Power-cord Protection
Arrange the power-cord to minimize 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 of 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
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 does not operate normally when following the operating instructions.
d) the product has been dropped or damaged in any way.
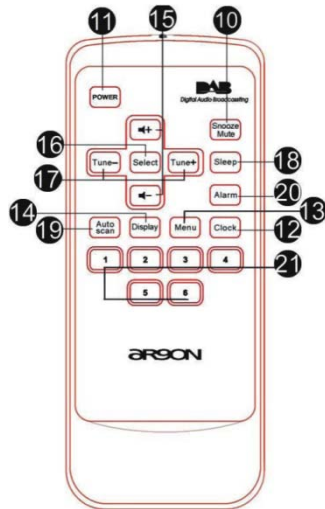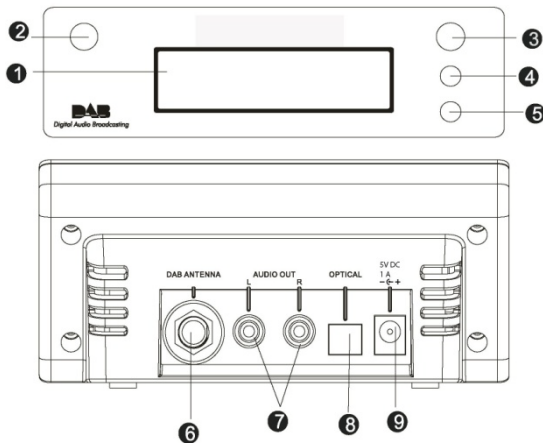
1.2 Contents of the box;

- ARGON DAB+ Adaptor
- DC5V 1A Power adapter
- User manuals different languages.

We recommend that you keep the original box and packing material for future transportation.

We also recommend that you keep this User Manual.

2. Usage, controls and connections

This chapter describes and shows you the location of the various controls and connections on your Argon DAB+ Adaptor.

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DAB+adaptor

Functions and connections	Description
1. LCD display	The display of the adaptor
2. Reciever	remote control reciever eye
3. Power button	Press the button for 3 sec. To turn on/off
4. Tune +	Press to choose stations
5. Tune -	Press to choose stations
6. Antenna connection	Antenna is connected here. Either your own choice of antenna or the antenna that comes with the adaptor
7. Audio out connection	Use RCA/stereo phono cable to connect the Adaptor to your Hi-Fi system
8. Digital audio out connection	Use this connection if you have a Amplifier with Digital input
9. Power connect	Connect the power supply here
10. Snooze/mute button	Press to temporarily turn off alarm or press to mute sound
11. Power button	Press to enable Stand-by or Power-on of the Adaptor
12. Clock button	Press to adjust the clock
13. Menu button	Press to enter the Main Menu
14. Display button	Press to change between Menu information
15. Volume button	Press + or - to adjust volume up or down
16. Select button	Press once to use as "enter" button
17. Tune button	Press to change station
18. Sleep button	Press to activate and adjust when the Adaptor should turn off automatically
19. Autoscan button	Press to search for stations. Press and hold 5 sec. To make a full-scan of stations
20. Alarm button	Press to set the alarm timer
21. Preset button	Press either number to get saved stations or hold for 5 sec to save station playing.

3. Using Your Argon DAB+ Adaptor

Notice: Most of the controls and functionality for the DAB+ Adaptor are on the Remote control only.
The usage of controls and buttons in this manual refer to the Remote control unless otherwise stated.
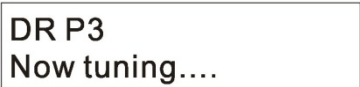
A. Power button on the Unit and on the Remote
When connected to a Power outlet the Display on the Argon DAB+ Adaptor, will show similar to figure 3-1.
.

> **Argon**
> **DAB Adaptor**

Figur 3-1

After app. 3 seconds the Argon DAB+ Adaptor automatically goes into auto tune process.
The Display will show similar to figure 3-2.

> DR P3
> Now tuning....

Figur 3-2

When stations are found during the auto tune process, the Display similar to figure 3-3 will appear.
(In the figure below the units has found the station DR P3 – a Danish broadcast in Denmark only).

DR P3

Figur 3-3

If no stations are found during the auto tune process the Display similar to figure 3-4 appears.

No stations
Available

Figur 3-4

By pressing the "**Power**" button on the Unit or on the Remote you switch between Power ON or Standby.

B. "Tune" buttons on the Unit and on the Remote
By pressing the "**Tune +/-**" buttons you can choose the station you want to listen to.

C. "Menu" button
The Menu button allows you to see different kind of Display information.
To activate Menu*:*
Use the remote control - Press "**Menu**" button followed by press "**Display**" once.
Hereafter by pressing the "**Display**" button continually, different Display information will appear
"Menu" information shown contains; Reset function, SW version, Date/time, Program type, Bit rate, Scrolling Radio text, Station frequency and Station name.
Information shown in the Display will change by a press on the "**Display**" button.

Some information shown in the Display, during use of Menu function, can be accessed for further information or it can be changed. To access further in the information Displayed press "**Select**" on the Remote.

D. "Snooze" button
(1) Pressing the "**Snooze**" button will mute the sound, to turn off the mute function, press the "**Snooze**" button again.
(2) If the DAB+ Adaptor is in Alarm mode, you can press the "**Snooze**" button on the remote control to put the unit in to snooze mode.

E. "Display" button
The Display button is used to navigate through the different Display information once "Menu" function is activated. (See point C "Menu button").

F. "Sleep" button

The Sleep function can be set to turn the DAB+ Adaptor off automatically after a predefined time.
The Sleep function turn-off-time is set the following way:
Press and hold "**Sleep**" button for 3 sec.
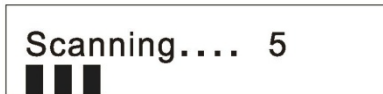Press "**Tune + or -**" to select ON or OFF
Confirm by pressing "**Select**"
Press "**Tune + or -**" to Sleep time
Confirm the wished Sleep time by pressing "**Select**".

G. "AutoScan" button

By pressing "**Autoscan"** the DAB+ Adaptor will automatically scan for new stations. Display will show scanning status as in figur 3-5

Scanning.... 5

Figur 3-5

There are two Auto scan options:

(1) Auto tune local: Scan all frequencies in the national channel allocation. This should take only a few seconds to do.
    Local auto tune is activated by a short press on the "**Auto scan**" button.
(2) Auto tune full: Scan the full range of all digital frequencies. This may take a few minutes.
    Full auto tune is activated by pressing and holding the "**Auto scan**" button for 3 sec.

H. "Clock" button

This button allows You to manually set the Time, Date and Year.

Press the "Clock" button and Year, Date and Time will appear in the Display.

"Year" will start flashing as the first. Change/choose the right "Year" by using "**Tune +/-",** when the right year appear in the Display, press "**Select**". Continue the same process with Date and Time".

I. "Alarm" button

To Set the Alarm. Press and hold "**Alarm**" button for 3 sec.

Press "**Tune + /-**" to select "Alarm1" or "Alarm2".

Confirm Your selection by pressing "**Select**".

Next appears: "OFF", Choose either "ON" or "OFF" by using "**Tune + / -**".

Confirm your selection by pressing "**Select**".

Next appears: "Daily", by using the "**Tune +/-**" You can choose either: "Daily", "Date", "Week Day", "Weekend", "Weekly" or "Once".

Confirm Your selection by pressing "**Select**".

Use the "**Tune +/-**" to adjust the settings for the choice you make above.

Confirm Your selection by pressing "**Select**".

Finally appears: "Buzz", by using the "**Tune +/-**" You can choose either: "Buzz" or "Radio".

Confirm Your selection by pressing "**Select**".

Notice: if you have chosen "Radio" it will restart in Alarm mode on the Radio Station last used before you turned off the Unit.

J. "Preset" buttons (buttons numbered 1-6)

Pressing one of the numbered buttons can either Store or Recall a previously stored station.

(1) To store a Station.

Once listening to the Station you want to Store, decide under which preset (number) You want to Store the Station.

Press and Hold this "**Numeric**" button of your choice for 3 seconds and the Stations will be Stored.

You can do so for up to 6 stations. One station for each Numeric number on the Remote can be stored.

(2) To Recall a Station.

Simply press the "**Numeric**" number on the Remote that corresponds with the Station you want

K. "Volume" buttons (+/- or up down)

Press either "**+ or –**" volume to increase or decrease the volume. The display will show the volume.

Notice: that the volume set on Your amplifier (where the DAB+ Adaptor is connected) will be the maximum volume level the DAB+ adaptor can play when at full level (full volume level of the DAB+ Adaptor is "20")

L. Resetting Your DAB+ Adaptor and New Stations

If you change location (move to another place) or want to add new Stations, in case more stations have become available, You should Reset the DAB+ adaptor.

By resetting the DAB+ adaptor it will automatically find all new Stations and remove possible obsolete Stations at the same time. It will also search for Station on a new frequency in case you have moved.

Reset of the DAB+ adaptor is done by:

Press "**Menu**" once followed by pressing "**Display**" once (reset info will appear in the display), press "**Select**" to confirm reset.

The DAB+ adaptor will automatically start up and do a full scan for stations.

Notice: when doing a Reset you will delete all preset station and Alarm setting previous made.

4. General Specifications

Frequency range – DAB Band III: (174~240MHz)
LCD display: 16x2 characters.
Input voltage: 5V DC/1A.
Audio out: Optical Digital and analogue RCA stereo connection to external Amplifier.
Dimensions and weight (WxHxD): 140mmx63mmx63mm **Weight**: 0,66 kg

5. DAB Frequency list

Frequenz-block	Frequenz (MHz)	Frequenz-block	Frequenz (MHz)	Frequenz-block	Frequenz (MHz)
5A	174,928 MHz	8C	199,360 MHz	11C	220,352 MHz
5B	176,640 MHz	8D	201,072 MHz	11D	222,064 MHz
5C	178,352 MHz	9A	202,928 MHz	12A	223,936 MHz
5D	180,064 MHz	9B	204,640 MHz	12N	224,096 MHz
6A	181,936 MHz	9C	206,640 MHz	12B	225,648 MHz
6B	183,648 MHz	9D	208,064 MHz	12C	227,360 MHz
6C	185,360 MHz	10A	209,936 MHz	12D	229,072 MHz
6D	187,072 MHz	10N	210,096 MHz	13A	230,784 MHz
7A	188,928 MHz	10B	211,648 MHz	13B	232,496 MHz
7B	190,640 MHz	10C	213,360 MHz	13C	234,208 MHz
7C	192,352 MHz	10D	215,072 MHz	13D	235,776 MHz
7D	194,064 MHz	11A	216,928 MHz	13E	237,488 MHz
8A	195,936 MHz	11N	217,088 MHz	13F	239,200 MHz
8B	197,648 MHz	11B	218,640 MHz		