

**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 Adapter3+**

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## 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.



##### **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 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 Adapter 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 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**

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 Adapter3+
- DC5V 1A Power adapter
- RCA to RCA cable
- Antenna cable
- Remote control
- Quick Start Guide - English.

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 Adapter3+.

**NOTICE:** The DAB Adapter3+ is operated only via the remote control.



Usage and controls	Function
<b>1. Preset buttons (1-6)</b>	Press to recall a stored Adapter station.
<b>2.Auto Scan button</b>	Press to perform quick scan or full scan in DAB mode.
<b>3.Tune buttons</b>	Press to select options, scan or switch stations.
<b>4.Sleep button</b>	Press to activate and set your sleep delay timer. This function turns off your Adapter after a preset period of time.
<b>5.Info button</b>	Press this button to change the display information on your LCD display
<b>6.Snooze button</b>	Press to temporarily turn off your alarm. Press to mute a broadcast
<b>7.Alarm button</b>	Press to activate and set your alarm.
<b>8.Volume arrow buttons</b>	Press to adjust the volume of your Adapter.
<b>9. Power button</b>	Press to switch between Stand By and Playing Mode.
<b>10. Back button</b>	Press to go one step back in the Menu.
<b>11. Menu button</b>	Press to activate and use the Menu function.
<b>Connections</b>	
<b>1. Power button</b>	Press to turn the Adapter On or Off.
<b>2. Antenna plug</b>	Connect the antenna to this plug.
<b>3. Left/right RCA output</b>	Analogue output to amplifier.
<b>4. Optical output</b>	Digital output to amplifier.
<b>5. 12 volt trigger output</b>	Use this plug to turn on your amplifier automatically, when the Adapter is turned on. Requires that your amplifier supports this function.
<b>6. Power supply connection</b>	Connect the included power supply to this plug.

### **3. Using Your Argon DAB Adapter3+**

#### **3.1 Quick start**

##### **3.1.1 Start up**

1. Mount the antenna in the antenna plug. If you use the included antenna, remember to split the antenna into a "T".
2. Plug the Power supply into an electric outlet and into the back of the Adapter.
3. Press "power" On
4. The Adapter will start searching for DAB stations automatically. This may take a few minutes and the progress will be shown in the display.
5. Once finished searching, the Adapter will start playing the first found station.

##### **3.1.2 Basic Operating**

1. Stations can be chosen by pressing the "arrows" on the remote.
2. Once the prefer station is found press the "Select" knob and the chosen station will start playing.
3. To store a station on one of the 1-6 preset buttons, press and hold the wished preset button for 3 sec., while playing the station that you want to store.
4. When stored, the display will show "Preset X saved"

### 3.2 DAB mode

The Adapter displays the correct time after a full scan has been performed for the first time. (Normally done automatically at first time installation). Your Adapter retrieves the time information from a DAB station.

#### 3.2.1 Scanning stations

There are two ways to scan for stations:

- Automatic full scan (**autotune**)
- Manual scan

#### To do an automatic full scan:

1. Press **Auto scan** button <Full scan> will show in the display.  
This may take a few minutes. When the scan is finished the first found station, starts to play immediately.
2. To preview another station, press **Arrow** buttons until the name of another station appears.
3. Press the **Select** button to select and listen to the new station.
4. You can also do a Full scan from the Menu. Press **Menu** button and use the **Arrows** to scroll to Full Scan. Press **Select**.

#### To do a manual scan

1. Press and hold the **Menu** button.
2. Press the **Arrow** buttons until the display shows <Manual Tune>.
3. Press the **Select** button to activate manual tune.
4. To choose a frequency manually press the **Arrow** buttons.
5. Confirm by pressing the **Select** button.

### 3.2.2 Viewing additional Information (Display Information)

Display information containing useful ones such as; time, date, station name, signal strength, program type, frequency, signal error, kbps quality, including Adapter services, song titles, and special announcements sent by your DAB provider.

1. While playing a station in DAB mode, press the **Info** button. Additional information appears at the bottom row of the display.
2. Each time you press the **Info** button, new Display information will appear.

There are nine different types of Display information available for DAB mode:

- Station information with text messages such as song title, artiste name etc, are displayed.
- Station category
- Programs being played.
- Stations broadcast frequency.
- Signal error
- Signal strength
- Time obtained automatically from a DAB transmission in your country or region.
- Date obtained automatically from a DAB transmission in your country or region.
- Kbps quality

### 3.2.3 Additional Menu functions

1. Pressing the **Menu** button, will bring you into the Menu.
2. In the Menu you will find these options, by pressing the **Arrow** buttons up (or down):

#### <Station list>

Press "Select" and use the arrows to scroll down the stations. Activate a station by pressing "Select"

## <Full scan>

see point 3.2.1 page 9

## <Manual tune>

see point 3.2.1 page 9

## <Prune>

This removes all invalid stations, indicated in the station list with a '?' in front of the station name.

1. Choose "Yes" or "No" using the **Arrow** buttons
2. Confirm your choice by pressing the **Select** button.

## <DRC> Dynamic range compression

This function reduces the difference between the loudest and quietest audio being broadcast. Effectively, this makes quiet sounds comparatively louder and loud sounds comparatively quieter.

Note: DRC only works if it is enabled by the broadcaster for a specific station.

There are three settings High, Low and Off.

1. Choose your preference by pressing the **Arrow** buttons, confirm your choice by pressing the **Select** button.

## <System settings>

See point 4.5 page 14 for System menu.

To enter the System settings:

1. Press and holding the **Menu** button.
2. Press the **Arrow** buttons until you see <System> in the display.
3. Confirm your choice by pressing the **Select** button.

## 4. Using Basic Functions

### 4.1 Storing and recalling your stations

Your Adapter can store up to 6 stations as presets on the remote.

1. To store a station you are listening to, press and hold any one of buttons 1~6 number you want to store the station in.
2. Hold until Preset x stored (Where x is anyone of the 1~6 number selected) appears in the Display. A new preset overrides an existing one when you store a new station over it.
3. To recall a station you press any one of the 1~6 number buttons, you will hear the corresponding station that you stored with the corresponding number buttons.

### 4.2 Setting and checking the sleep timer

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

1. Press **Sleep** button and it will show "Sleep off" in the display.
2. Keep pressing the **Sleep** button and for each press it will increase the sleep intervals of 15 minutes, up to a maximum of 90 minutes.
3. Confirm your wished choice by pressing the **Select** button.  
Your sleep function is now activated and an "S" will appear in the top right corner of the display.
4. To deactivate the sleep function follow the steps above, but confirm "Sleep off" instead of a Sleep time.

#### 4.2.1 Checking the sleep timer setting

1. Press the **Sleep** button. The amount of time left is displayed on the bottom of the display.
2. To deactivate the sleep function follow the steps as in point 4.2, but confirm "Sleep off" instead of a Sleep time. Notice: When you press the **Power** button, the sleep delay mode is deactivated.

## 4.3 Setting the alarm

The Adapter has two Alarm presets

1. When your Adapter is in ON mode (playing), press the **Alarm** button. The display will show "Alarm 1".  
Press the "Select" button to select ON mode. Use the arrow buttons to choose your settings. Once a setting is made, confirm by pressing "Select" button and the Alarm Wizard will start up.
2. Use the arrow buttons to choose your settings. Once a setting is made, confirm by pressing "Select" button. Continue the same way with the other settings, such as alarm sound source, alarm level, daily/week-end etc. After about 10 sec. the display will return to main display by itself. Activated alarm will be indicated at the bottom of the display by a small clock icon.

### 4.3.1 To deactivate the alarm

1. Press **Snooze** button to temporary stop the alarm.
2. To totally stop the alarm in Adapter standby mode press the **Alarm** button continuously until both Alarm 1 and Alarm 2 shows OFF.

## 4.4 Use of the Snooze function

1. When the Adapter is playing, you can press the **Snooze** button to mute the Adapter.
2. To turn off the mute function, press the **Snooze** button again.
3. In alarm mode the Snooze function will, when pressing the button, mute the alarm for 5 minutes. After 5 minutes the alarm will sound again.

## 4.5 <System> settings and information

The Adapter has a system menu with various functions and information.

1. To enter the system settings press the **Menu** button.
2. Press the **Arrow** buttons until it shows <System settings> in the display.

3. Activate the System menu by pressing the **Select** button.
4. Once in the system menu you can scroll through all the options by pressing the **Arrow** buttons. There are five different system menu functions: Time, Backlight, Language, Factory Reset, SW version.

#### 4.5.1 Time

1. Access Time settings by pressing the **Select** button when <Time> is shown in the display.
2. In the Time menu you can choose either to <Set Time/Date> manually or to <Auto update>
3. Choose which one you want and confirm by pressing **Tuning/select** button/knob. It's recommended to have the setting on <Auto update>. This way the time and date will be updated automatically from DAB broadcasts.

#### 4.5.2 Backlight

1. Access Backlight settings by pressing the **Select** button when <Backlight> is shown in the display.
2. Backlight can be "OK" or set at eight different timeout levels. Press the **Arrow** buttons until you reach your desired setting.
3. Press the **Select** button/knob to confirm your choice.

#### 4.5.3 Language

1. Access Language settings by pressing the **Select** button when <Language> is shown in the display.
2. Scroll through the language options by pressing the **Arrow** buttons.
3. Press the **Select** button to confirm your choice.

#### 4.5.4 Factory reset

1. Access Factory reset settings by pressing the **Select** button when <Factory reset> is shown in the display. You may want to erase your settings on your Adapter, including your presets and alarm and sleep delay settings.
2. Press the **Select** button/knob to confirm. The Adapter is now reset.

#### 4.5.5 Software version (SW version)

1. Access Software version information by pressing the **Select** button when <SW version> is shown in the display.
2. Press the **Select** button to confirm.  
The display now shows the software version of your Adapter.

## 5. Specifications

**Broadcast Frequency ranges supported:**

**DAB: Band III:** (174~240MHz).

**LCD display:** 16x3 color display

**Input voltage:** 5V DC/1A

**Output connector:** Left/Right RCA, Optical S/PDIF and 12 volt trigger for external amplifier

**Dimensions (W x H X D):** 129mmx55mmx80mm

**Weight:** 0,35 kg

## 6. DAB Frequency Band overview

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		