

DENSION

DAB for Gateway



Quick Start Guide

v.1.1

DBI-9201-2

1. INTRODUCTION

DAB for Gateway is an **optional** accessory kit for **Gateway Pro BT** and **Gateway 500S BT** devices. The DAB module allows you to listen to all DAB stations (Band III) in your vehicle as easily as it is with an FM station.

Technical details

- Supports **DAB**, **DAB+** and **DMB-A** standards
- Compatible with **Band III** frequency range

Package contents

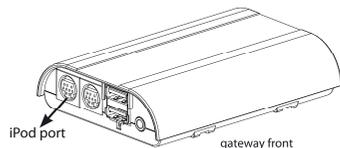
- DAB device
- Quick Start Guide
- DAB antenna (**optional**) with SMA connection

2. DEVICE INSTALLATION

Before you start

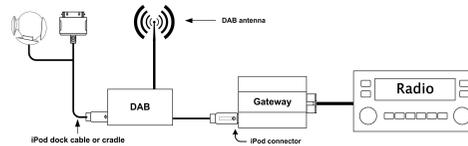
Always make sure that the ignition key is **removed** from the car, the radio is **switched off** and that you have the **security code** of the head unit (radio) available (if applicable).

1. Depending on the Dension Gateway installation method, you may need to carefully remove your vehicle's existing factory fitted head unit as per the factory instructions (or check the installation manual of your device for further details) and using the correct tools in order to get access to your Dension Gateway hardware
2. Disconnect the iPod dock or cradle cable (9 pin) from the Dension Gateway device (if available)
3. Connect the 9 Pin cable of the DAB device to the iPod port of the Dension Gateway device



4. Connect the DAB antenna to the DAB device (SMA connector type is supported only) and fit it according to the installation instructions of the antenna.
5. Connect your iPod dock or cradle cable to the DAB interface (if available).
6. Test your system functions (for further details check **section 4 & 5**)
7. Finally when you have tested the functions refit your Head Unit and finish the installation of the DAB antenna. Take care not to trap any wires or the Dension product and avoid mounting the modules near heat and damp surfaces during the installation.

DAB installation diagram



Please note: The installation of the DAB extension kit could be complex (like in case of Gateway 500S BT), therefore if you don't have the proper tools and experience, we do recommend to have it installed by **professional installer**.

3. POSITIONING THE DAB ANTENNA

The DAB reception and performance depends on many factors, both in the vehicle and other external conditions. Before you start the antenna installation and/or the product testing, please make sure that you have a good DAB coverage.

Important notes:

- If your vehicle comes with metalized windscreen (ie. windscreen heating) then using an external antenna is required
- The DAB module supports both amplified and non-amplified antennas. For amplified antennas 5V phantom power is provided via the SMA connector.

Read the manual of the antenna used carefully and follow the recommended steps in order to find the right place for installation. Always test (read next chapter) the DAB functions before finalizing the installation.

4. GETTING STARTED

Before you start, please check that your Gateway device firmware version is up to date because the DAB option as a source **was not available** in the **initial firmware release**. The actual firmware version of your Gateway device can be checked if you select **Setting / About** menu option in the Gateway menu. The latest software is available for download from www.dension.com/downloads.

5. OPERATION

Switch your car radio ON, select the Gateway device from your radio and choose **'DAB Radio'** option from the **source menu** of the Gateway. If in doubt check the user guide of your Gateway device.

First you need to set the proper **Band** on the DAB device therefore please go to the settings menu option of the Gateway and Select **'Band'** option in the DAB menu and select from the list.

When the proper Band has been selected you need to perform a **DAB Scan**. This option is located in the main menu (only available if DAB source is selected). The scanning procedure usually **takes 20-40 seconds**. When it is finished the first DAB channel from the available stations will be selected and played automatically and all stations will be listed under **"All Stations"** menu option.

During playback the **station name** and/or **metadata** will be displayed on the radio screen or on the cluster display (radio dependent).



You can select a different channel by pressing the **next / previous** track button on your radio or steering wheel. You can **add** the actual **channel** to your **presets list** if you press and hold the **Fast Forward** button on Head Unit for **2 seconds**.

Please note: by travelling frequently between different locations it is recommended to **rescan** all stations since the items in the previously saved list **might not be available** anymore. After rescan only the 'All stations' list will be refreshed, the existing "Presets" (favorite) list remains unchanged.

6. ABOUT DAB MENU OPTIONS

The following items are available in the DAB menu (available if DAB source is already selected):

- **All stations:** all available stations are listed here after scanning
- **Presets:** List of your favorite channels. You can delete that list if you select **"Delete Presets"** menu option at any time.

Please note: Gateway returns to playback screen after 15 - 30 seconds (radio dependent) of inactivity in browsing mode.

8. TROUBLESHOOTING

Symptom	Possible cause	Solution
No DAB channels available after scanning	1. Incorrect Band setting. 2. Antenna position is not correct / compatible or faulty 3. Poor DAB coverage	1. Check the Band setup 2. Check the antenna installation / specifications 3. Test DAB reception with a different device or run scan at a different location
Playback is intermittent	Bad DAB coverage or antenna position	Try to change the antenna position
Missing radio	1. DAB signal strength is weak 2. Station uses L-BAND	1. Repeat scanning later 2. Check the station specification
Station is selected but not played	Station is not available at the given territory	Press scan to see the actual available stations

9. DISCLAIMER AND WARRANTY

Disclaimer

If your car's electrical system begins to behave erratically, please disconnect the Gateway interface physically immediately and have it checked by your installer. Dension and its authorized distributors and retailers are not liable for any incidental consequential or indirect damages or loss and do not assume liability for any diagnostic fees.

The use of handheld devices while driving may be subject to government legislation. Please ensure that your use of the Dension device complies with applicable traffic laws. Dension does not assume liability for any events resulting from the illegal or irresponsible use of handheld devices while driving.

Dension reserves the right to modify its products or specifications without prior notice.

Warranty

Dension devices carry a one-year limited warranty that protects you from defects in material and workmanship of products sold by Dension or its authorized distributors and retailers. Dension does not warrant any installation work or assume liability for any damage caused due to negligence, improper installation or operation. For warranty claims, proof of purchase is required

Further assistance

If you need further assistance in using your Dension product, please contact your local supplier or visit www.dension.com and click on 'Support'.

Please check the download section for the latest firmware version and product documentation of your Gateway device, as these may provide additional features or easier use of the product.