AutoDAB GO-S

**Digital In-Car DAB+ Digital Radio with
FM Transmitter & Bluetooth Hands-Free,
DAB to DAB Service Following,
& Traffic Announcements**

Safety Instructions

⚠ Warning

- **Do not expose this radio to rain or moisture.**

- **Obey local traffic laws and do not use whilst driving.**

- **Clean with a dry cloth.**

- **Do not block any ventilation openings.**

- **Do not use near heater vents.**

- **Use accessories provided by manufacturer.**

- **Do not leave your radio where excessive heat could cause damage.**

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Controls and Connectors

Controls
1. Power On/Off Switch
2. 3.5mm Line In or Line Out
3. Tuning Knob
4. MODE Button
5. TX/SCAN Button
6. MENU Button
7. PRESET/Phone/Play/Pause Button
8. Microphone
9. Power Supply Cable Socket
10. Antenna Jack
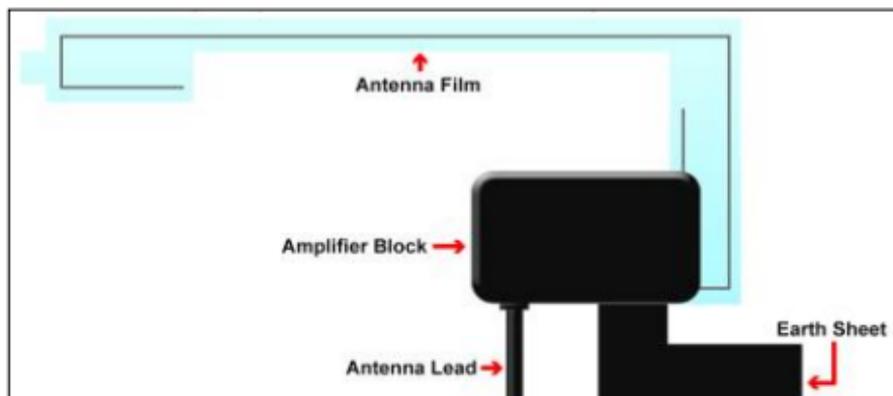
Main unit and Accessories
1. Main Unit DAB+ receiver
2. Power Supply Cable
3. 3.5 mm Audio Cable
4. Power Amplified Internal DAB+ Antenna
5. Suction Cup Mount/Holder
6. Dual USB Car Charger with 12V Socket

Note: All accessories are designed to work specifically with AutoDABGO-S. Please do not use third party cables as these may not work and cause warranty invalidation.
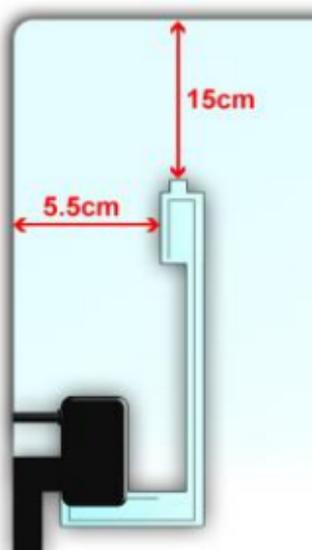
Operating the AutoDAB GO-S

1. Mount the AutoDAB GO-S on the dashboard using the provided suction cup holder.

2. Connect one end of the USB power supply cable to the Micro USB socket on AutoDAB GO-S and the other end to the dual USB car charger. Plug the dual USB car charger into the car 12V power socket.

3. Connect the supplied antenna to the antenna socket.

4. Turn on the power with the **POWER SWITCH** and the display will show 'AutoDAB, Digital Radio on the Move'. Use **MODE** button to select DAB mode.

5. For first time use, you need to scan all the local DAB+ channels by pressing and holding **TX/SCAN** button for 3 seconds to activate **Auto Scan**.   All available DAB+ radio channels will be scanned and saved until another **Auto Scan** is performed. During scanning, a percentage bar will be shown on the display to indicate the progress and the total number of channels available will be displayed.

6. Once scanning is complete, you can select any DAB+ radio channel via the **Tuning Knob**.
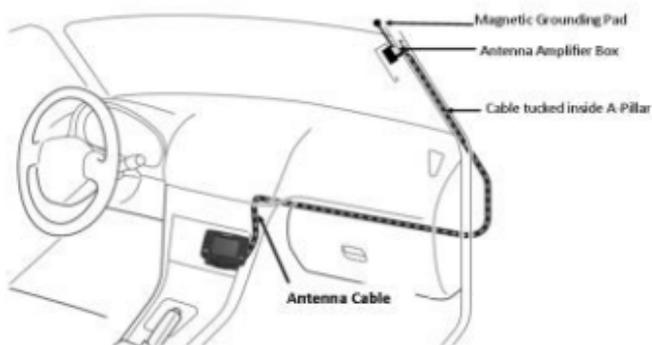
DAB+ Antenna Installation
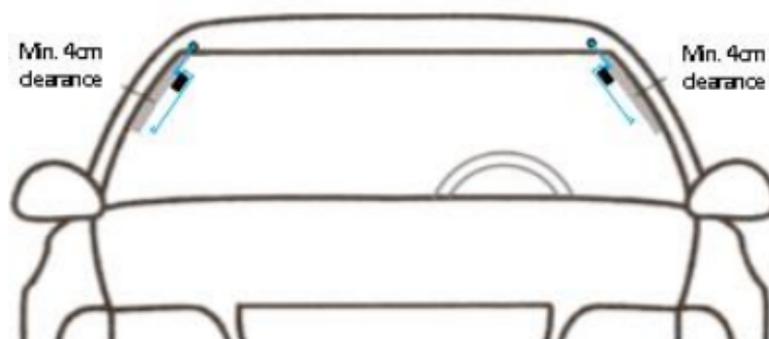

DAB+ Antenna Diagram

1. The antenna should be fitted on the passenger side of the front windscreen.   Ensure that there is a 15cm gap at the top of the antenna film and a 5cm gap from the side of the windscreen to the vertical strip of the antenna film as shown.
2. Wipe the inside of the windscreen were the antenna is to be fitted before fixing.
3. If glass is cold, you may need to warm the glass to ensure good adhesion.
4. Ensure the glass surface is dry before mounting the antenna film.   Remove the adhesive backing and stick the lower horizontal section of the antenna film to the windscreen.   Be careful not to touch the sticky side of the antenna film.
5. Stick the antenna to the glass, gently applying pressure to remove any air bubbles.
6. Remove the adhesive backing from the amplifier block on the antenna lead, ensuring that you do not touch the terminals or the sticky surface.   Remove the adhesive backing from the earth sheet on the amplifier block and stick this to the metal of the A pillar.   Note that you do not need to remove any paint for the earth contact to work.

Magnetic Grounding Pad
Antenna Amplifier Box
Cable tucked inside A-Pillar
Antenna Cable

7. Route the antenna lead down the A pillar to where the AutoDAB GO-S is to be mounted.   Ensure you do not trap any leads as you go.

Do not attach the DAB antenna above heater wires, in a location which would obstruct the view of the driver, or in a location that would receive interference from metal. For your safety, do not run cables so that they interfere with operation of the vehicle, or through a location that would interfere with the function of the airbags.

Min. 4cm clearance   Min. 4cm clearance

8. Check for metallic heat coating (sun filter) or heated front windscreen as this will effect antenna operation.   Antenna should be mounted away from these items.

Selecting Audio Output – Aux Out

1. Press and hold the **MENU** button to enter menu mode. Use the Tuning Knob and scroll to **AUX IN/OUT Select** and confirm by pressing **MENU** again. Use the Tuning Knob to select **AUX OUT** and confirm by pressing the **MENU** button. You will then be returned to the source you were previously on. A headphone icon "🎧" will be displayed at the top of the display.

2. Connect the supplied 3.5mm Audio Cable to the 3.5mm Line Out connector on the side of the AutoDAB GO-S and then connect to the Aux in of the car stereo.

    Note: In AUX OUT mode, there will be no FM transmission to the car stereo.

Selecting Audio Output – FM Transmission

Select FM Transmitting Frequency (Auto Mode):

1. Press and hold the **MENU** button to enter menu mode. Use the **Tuning Knob** and scroll to **AUX IN/OUT Select** and confirm by pressing **MENU** again. Use the **Tuning Knob** to select **AUX IN** and confirm by pressing the **MENU** button. This will enable FM transmission mode.

2. Press **TX/SCAN** button to show FM transmitting frequency (TX Frequency).

3.   Press and hold **TX/SCAN** button for 3 seconds to activate the automatic scanning of a vacant transmission frequency without interference with other channels. The scanning process will take 20-30 seconds and is accompanied by a flashing display of **---.-MHZ**, before stopping at a vacant frequency.

4.   After a vacant frequency is found, press the **TX/SCAN** button again to confirm and exit the setting or this will occur automatically after 3 seconds. The selected vacant frequency will be shown at the top right of the display, e.g.
      TX 108.0MHz

5.   Tune your car FM radio system to match the selected vacant frequency for transmission of the audio signal from AutoDAB GO-S to your car stereo audio system.

Select FM Transmitting Frequency (Manual Mode):

1.   Press **TX/SCAN** to enter FM transmitting frequency selection mode.

2.   Then use the **Tuning Knob** to select the desired vacant frequency which you would like to receive through your car radio.

3.   Once it is selected, press the **TX/SCAN** button to confirm and exit.   If the TX/SCAN button is not pushed within 3 seconds the AUTODAB GO-S will revert back to normal DAB+ mode and no changes will be made.

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DAB+ Search

1. Press the **MODE** button until **DAB** mode is found.

2. Use the **Tuning Knob** to select the desired DAB+ channel.

3. Alternatively, to view DAB+ stations in a list, press the **MENU** button.   Use the Tuning Knob to scroll up or down to select the desired DAB+ channel and press the **MENU** button again to select.

4. You may also press and hold the **TX/SCAN** button for 3 seconds to re-activate the Auto Scan process if you need to update the DAB+ radio channels.

Note: For normal use, you don't have to perform Auto Scan every time you use the car DAB+ radio unless there are newly added DAB+ channels, in which case you may need to perform Auto Scan again.

DAB+ Service Information

Relevant service information data broadcast by the radio station will be displayed with scrolling text on the screen of the AutoDAB GO-S. While listening to DAB+, the display will show the following if applicable:

1. Channel Name
2. Frequency
3. Multiplex Name（DLS）
4. DAB+ Icon
5. Number of Channel Scanned and Stored
6. Time
7. Date
8. Signal Strength
9. FM Transmitting Frequency
10. Bluetooth Connection Status
11. Aux-In or Aux-Out Status

DAB to DAB Service Following ON/OFF Control:

1. Press the MODE button until you scroll the screen to DAB+ mode
2. In DAB+ mode, press and hold FREQ/SF button to turn ON the DAB to DAB service following function. An "ON" will be displayed on the LCD screen and an "S/F" white icon will appear at the top of the display. Repeat the same procedure

to turn OFF the service following function and an "OFF" will be displayed in the LCD screen. "S/F" icon will also disappear from the LCD screen.
3. When "S/F" icon turns red from white for a specific DAB station, it means that DAB station supports S/F feature and the device has detected it, however, it is not switched over yet.

Remark: For application where SF feature is not used, it is recommended to turn off the SF function.

Traffic Announcements ON/OFF Control:

1. Press and hold MENU button to enter menu

2. Use Tuning Knob to scroll up or down to select "Traffic Announcement" and confirm by pressing MENU button again

3. Use Tuning Knob to select "ON" or "OFF" for the function of traffic announcements and confirm by pressing MENU to exit menu.

4. To cancel an active traffic announcement, simply press PLAY/PAUSE button once.   GO-S will return to the radio station you were listening to.

When TA is ON and while you are listening to music through Bluetooth streaming from your phone or through line-in, the device will automatically switch to traffic announcements when a TA signal is detected.

Preset Stations

Storing Preset Stations:
To program and store your favourite DAB+ preset stations:

1. Press and hold the PRESET button for 3 seconds to enter Store Preset Stations mode.
2. Use the Tuning Knob to scroll up or down to select a number in the memory bank to store your favourite station.
3.
4. Press the PRESET button to confirm and exit.
5. Stored Successfully will be displayed.

Selecting Preset Stations:
To select your favorite DAB+ preset stations:

6. Press the **PRESET** button to enter **Select Preset Stations** mode.

7. Use the **Tuning Knob** to scroll up or down to select a Preset Station.

8. Press the **PRESET** button again to confirm and exit.

Bluetooth

Pairing a Phone:

When pairing a phone with AutoDAB GO-S for the first time, follow the below procedures:

1. Press the **MODE** button until you scroll the screen to **Bluetooth** mode.

2. Press and hold the **TX/SCAN** button to put the AutoDAB GO-S device into pairing mode.   **Pairing in Progress** will be shown.

3. From your phone, turn on Bluetooth and search for Bluetooth peripherals. A list of available Bluetooth peripherals will be displayed.

4. Select **CAR DAB** in the list and once connection is established, the Bluetooth screen will display **Connected** and a Bluetooth icon will be shown at the top of the AutoDAB GO-S display.

5. In **Pairing in Progress** mode, if you want to stop searching for a new phone, you can press the **PRESET** button to stop searching and return to the last connected phone.

    Note: During the process of re-connecting to the last connected phone, it may up to one minute for re-connection depending on the model of the phone. In the reconnecting process, the Bluetooth icon at the top of the AutoDAB GO-S display will be flashing and the LCD will show **Not Connected.**

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6. You can disconnect an existing connected phone by pressing and holding the **TX/SCAN** button to force the AutoDAB-GO into pairing mode to connect another new phone.

   Note: The flashing of the Bluetooth icon indicates that a Bluetooth device is not connected. Once it is connected, the icon will stop flashing.

Manage Phone Call:

1. When there is an incoming call, the AutoDAB GO-S plays a ringtone. Press **PRESET** to answer a call.   The speaker phone volume and call duration will be displayed at the bottom of the screen.   You can use the **Tuning Knob** to adjust the volume level.

2. Press and hold **PRESET** to decline a call.

3. To end a call, press **PRESET**.

Selecting Bluetooth Phone Voice to your Car Stereo through FM Transmitter or Built-In Speaker:

1. Press and hold **MENU** button to enter menu.

2. Use the Tuning Knob to scroll down the menu and select **Phone Speaker Setting**. Press **MENU** button to confirm.

3. Use the Tuning Knob to select **Built-in Speaker** or **Car Speaker** and confirm by pressing the **MENU** button again.   You will then be returned back to the source you were previously on.

4. Use the **Tuning Knob** to adjust the voice volume to the desired level when it is in **Built-in Speaker** mode.

5. When in **Car Speaker mode**, the voice volume can only be adjusted by the car stereo volume control button. **Car Speaker** will be displayed at the bottom of the AutoDAB GO-S screen.

Note: When the **Car Speaker** is selected, the phone voice can be input into car stereo by either using **AUX OUT** or **FM Transmitter**.

Bluetooth Music Playback

FM transmission Mode

1. Ensure Bluetooth mode is selected and a phone is paired. Select the music file from your phone and select playback via Bluetooth (Refer to your phone user guide for more information).

2. Make sure you have selected **AUX IN** mode by pressing and holding the **MENU** button to enter menu mode.   Use the Tuning Knob to scroll to **AUX IN/OUT Select** and confirm by pressing **MENU** again. Use the Tuning Knob to select **AUX IN** and confirm by pressing **MENU** button.

3. Press **TX/SCAN** button to enter FM transmitting frequency selection mode,

4. Then use the **Tuning Knob** to select your desired vacant frequency

5. Press **PRESET** button to play or pause the music playback.

6. Use the **Tuning Knob** to select next or previous songs.

Note

A. Once your phone is paired to the AutoDAB GO-S, the connection between both devices will be automatically re-established each time you enter your vehicle if the AutoDAB GO-S is powered on. AutoDAB GO-S automatically connects itself to the last phone you used with it. If you want to connect AutoDAB GO-S to another phone you already paired but not the last one, you have to first disconnect the last phone by selecting **Forget this Device** in your phone's Bluetooth Settings menu. Then press and hold the **TX/SCAN** button to enter pairing mode again.

B. You can pair up to eight Bluetooth devices with AutoDAB GO-S.

Aux In

The AutoDAB GO-S features a 3.5mm Aux-IN jack on the right-hand side. External analogue audio source from an iPad, iPhone, iPod, Tablet, Android phone or MP3 players etc. can be fed wirelessly through the FM transmission into your car stereo audio system.

To connect an external music player:

Press **MODE** button until you see **AUX IN** displayed on the screen. If you can't find **AUX IN**, then press and hold the **MENU** button to enter menu.

1.   Use the **Tuning Knob** to scroll to **AUX IN/OUT Select**, press **MENU** button to confirm,

2.   Use the **Tuning Kno**b to select **AUX IN** and confirm by pressing **MENU** button again.

6.   Connect an external audio source into the AUX IN jack on the right-hand side of AutoDAB GO-S with the provided 3.5mm audio cable.

Settings

Screen Background/Font Colour

The colour of the screen background and font can be set to four different combinations to match with your overall car dashboard colour:

1. Black background/white font
2. Black background/blue font
3. Black background/orange font
4. Colour

To set the colour, follow the procedure below:

- Press and hold the **MENU** button for 3 seconds and scroll to **Colour Setting**.
- Use the **Tuning Knob** to scroll and select the desired colour and press **MENU** button to confirm.   You will then be returned to the previously selected source.

LCD display Dimmer Control

When driving at night, you can control the brightness of the colour LCD display by pressing and holding the **MODE** button to dim the display. Press and hold the **MODE** button again to return to normal brightness level.

Language Selection

1.   Press and hold the **MENU** button

2.   Use the **Tuning Knob** to scroll to **Language Setting** and confirm by pressing the **MENU** button again

3.   Use the Tuning Knob to select your desired language and confirm by pressing the **MENU** button

Factory Reset

1.   Press and hold the **MENU** button

2.   Use the **Tuning Knob** to scroll to **Factory Reset** and confirm by pressing the **MENU** button again.

3.   Use the **Tuning Knob** to select **YES** or **NO** for the reset and confirm by pressing the **MENU** button.

Software Version

1.   Press and hold the **MENU** button

2.   Use the **Tuning Knob** to scroll to **Software Version** and confirm by pressing the **MENU** button to see the current software version of the device.

3.   Press the **MODE** button to exit menu.

Technical Specifications

Radio	DAB/DAB+
Frequency Ranges	DAB Band III 174-239MHz,
	FM Transmitter 87.5-108MHz
Power Supply	Micro USB 12V
Antenna Power Supply	5V, 1.5A
Bluetooth	Version 2.1
Speaker Output	1.0W, 8 Ω
Output Connectors	3.5mm Stereo Jack for Audio
Dimensions	96mm x 75mm x 248mm
Net Weight	128g

*Information in this user manual is subject to change without prior notice.