G4-234BT

2.4" TFT DISPLAY DAB/DAB+ RADIO CAR ADAPTER WITH FM TRANSMITTER & BLUETOOTH MUSIC STREAMING

IMPORTANT:
Please read the manual carefully before using the product and keep it for future reference.

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Contents

Main Unit and Accessories:

Main Unit:

①   ②   ③

1. Main Unit, G4-234BT   1 pc

2. User Manual   1 pc

3. Micro USB Charging Cable   1 pc

④   ⑤   ⑥

4. SMB Active DAB Car Antenna   1 pc

5. USB Car Charger   1 pc

6. Adapter Holder   1 pc

⑦

7. Adapter Holder w/ 3m tape   1pc

Note: * All accessories are designed to work specifically with *G4-234BT*. Please do not use third party accessories or cables as they may not work well and cause warranty invalidation.

Vehicle Antenna Installation

1. Vehicle antenna should be fitted on the windscreen on the side of the passenger seat. To optimize reception, put the signal amplifier (the black plastic case) and the aerial wires 3 to 5cm away from the side of the windscreen and 1 to 2cm from the top. (Refer to diagram 2)

2. Wipe the area of the windscreen where you are attaching the antenna to.

3. If the glass is cold, you may need to warm up the glass first 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. (Refer to diagram 1)

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.
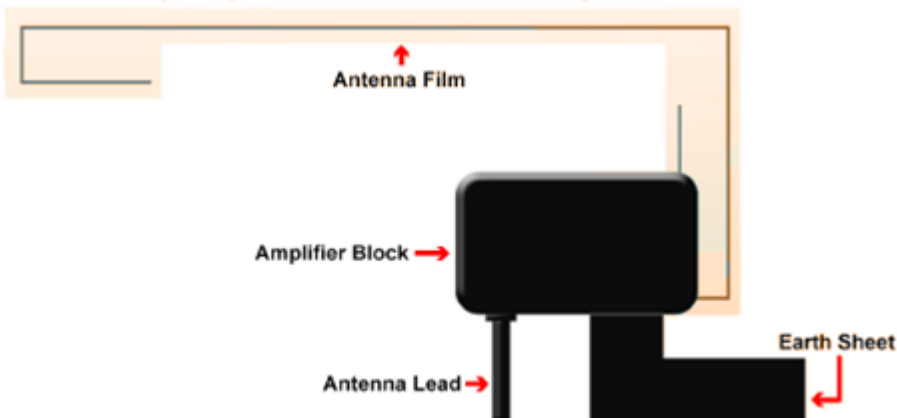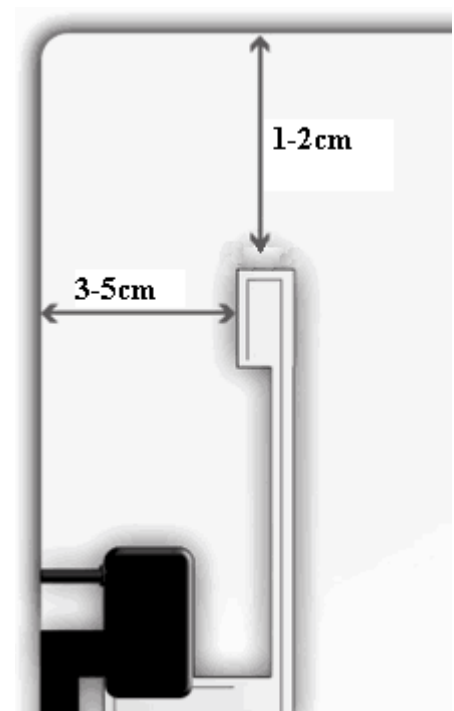

Diagram 1: DAB Antenna Installation

Diagram 2: DAB Antenna Diagram

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G4-Z34BT Installation :

1. Vehicle Antenna Installation. (Refer to Page 4)

2. Tuck the aerial cable into the recess between
    your windscreen and the passenger pillar or
    affix it to your windscreen using the adhesive
    clips provided. Run the aerial cable out of
    sight along the front of your dashboard.
    (Refer to Diagram 1)
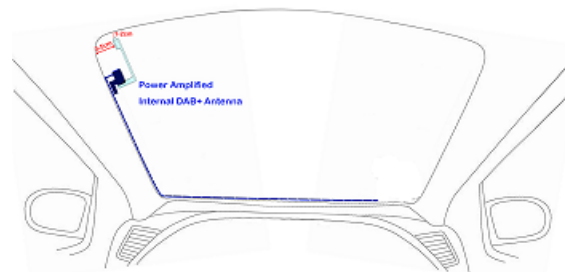
Diagram 1

3. Next install the adapter holder : (Refer to Diagram 2)
    a. Fix the two small clips to the fastener with the
        holes of the adapter holder.
    b. Assemble the adapter holder properly.
    c. Use both clips of the adapter holder to stick
        it onto the car air vent and then hook it up
        with the vent tab.
    d. Ensure the adapter holder is firmly installed,
        then fix the device *G4-Z34BT* onto the
        adapter holder.

4. Connect the antenna to the antenna jack of the
    G4-Z34BT. Run the excessive cables into the
    recess between the windscreen and dashboard.

5. Connect one end of the Micro USB cable to the
    Micro USB socket at the back of the *G4-Z34BT*
    and the other end to the USB car charger.

Diagram 2

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6. While turning on the power, the **G4-Z34BT** will display the "DAB+ CAR ADAPTER" logo, then the device will automatically scan all the local DAB/DAB+ channels. After scanning, the device will automatically store them into the memory.

7. You can select any DAB/DAB+ radio channel with the "SCROLL CODER" button and press to confirm and play DAB radio broadcasting.

WARNING: Do not run the cable in a way that could interfere with operation of the vehicle, or through a location that could interfere with the function of the airbags or other safety equipment.

Button Instruction

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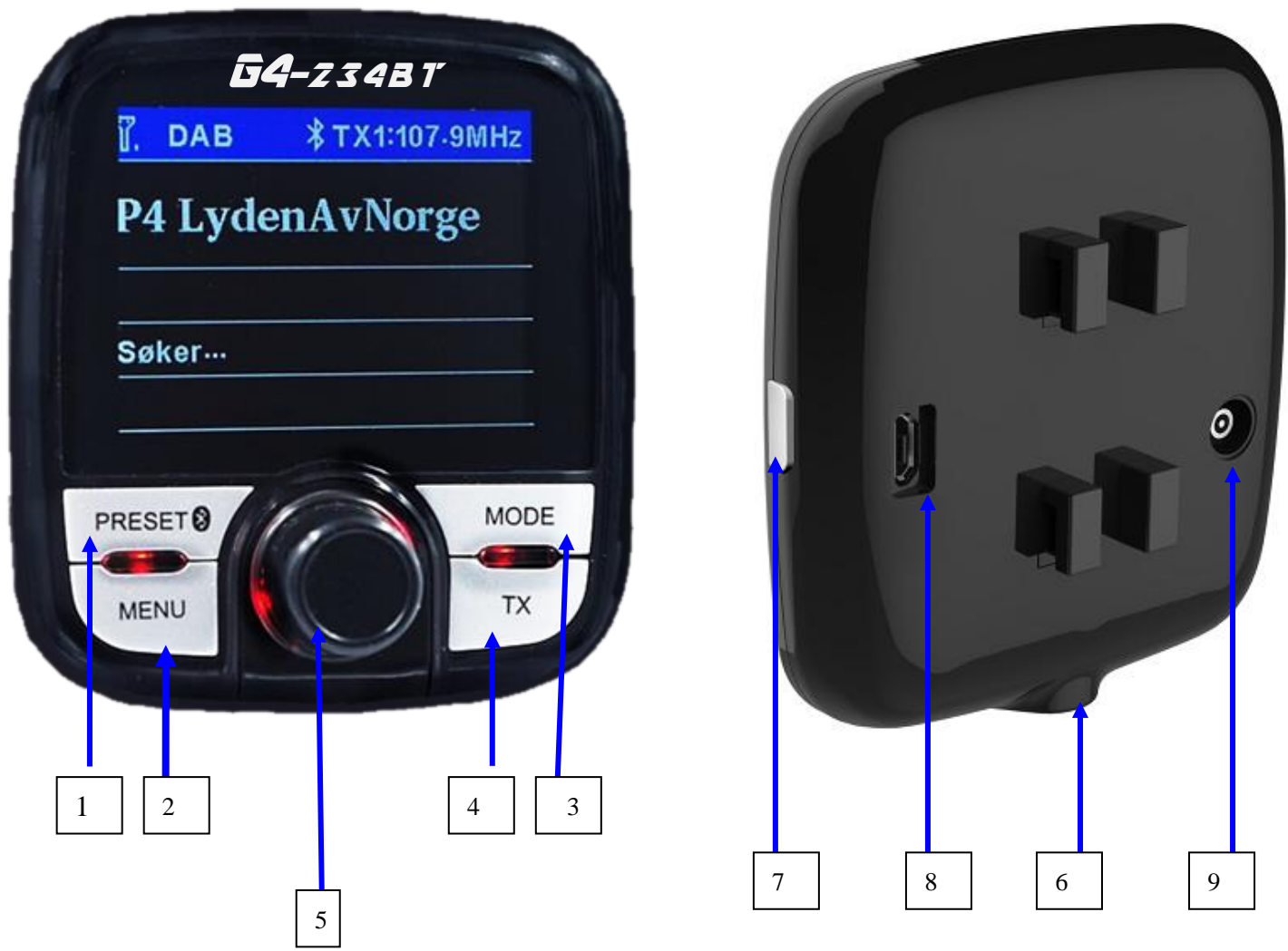
Button Instruction

1. PRESET /   : Control of Pre-set Stations and Bluetooth Pairing

   BLUETOOTH

   Button

2. MENU Button   : In DAB mode, press and hold the "MENU" button to enter menu mode, you can select or set DAB Autoscan, Colour Setting, Language, Delete All Presets, Button Light, Factory Reset & Software Version

3. MODE Button   : Conversion key between "DAB, Aux In and Bluetooth" mode.

      Press the "MODE" button to control the brightness level of the colour LCD Display.

4. TX Button   : 4 Quick Default Pre-set FM Transmitting Frequency.

   ①TX1: 87.6MHz;②TX2: 90.0MHz;③TX3: 100MHz;④TX4: 107.9MHz

5. SCROLL   : Control of selection and confirmation

     CODER Button   Bluetooth Play or Pause the Music

                    Select the Previous or Next Song

6. AUX IN/OUT   : Aux In/Out Jack

7.   : Power Switch Button

8. USB socket   : Micro USB Socket

9. ANTENNA   : DAB Antenna Jack

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LCD Display

Bluetooth Status

FM Transmitting Frequency

Signal Strength

Service Following

DAB icon

Channel Name

DLS Message

Remarks : Once scanning is complete, the display will indicate the total number of channels received.

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Tuning in *G4-Z34BT*

1. Press the "MODE" button and select DAB mode. Use the "SCROLL CODER" button to select your desired DAB+ station.

2. Or in "DAB+ Mode", short press the "MENU" button to enter Preview mode, use the "SCROLL CODER" button to scroll up or down to select the desired DAB+ channel and press the "SCROLL CODER" button to confirm.

3. You can also press and hold the "MENU" button to enter the menu. Then use the "SCROLL CODER" button to scroll up or down and select "DAB Autoscan" and press the "SCROLL CODER" button to re-activate the "Autoscan" process if you need to update the DAB+ radio channels.

Remarks: For normal use, you do not have to perform the "DAB Autoscan" every time you use the car DAB+ radio unless there are newly added DAB+ channels, then you may need to perform the "DAB Autoscan" again. The scanning operation is similar to your home TV set.

Connecting The *G4-Z34BT* To Your Car Stereo Using FM Transmission

--Select FM Transmitting Frequency (Auto Mode):

1. In DAB, Bluetooth or AUX-IN mode, first press and hold the "TX" button to show FM transmitting frequency and then long press the "TX" button for 3 seconds to enter the scan "Vacant Frequency" mode, start scanning a "Vacant" FM emission frequency with no interference of other channels. The scanning process will take 20-30 seconds to scan for frequencies.   The screen will display "--, - MHz" at the bottom and stop at a "Vacant" frequency.

2. After a "Vacant" frequency is found, press the "TX" button to confirm this vacant frequency (or it will automatically confirm after about 8 seconds. The selected "Vacant" frequency (TX Frequency) will be shown at the top of the display, e.g. TX108.0MHz.

3. Next tune your car FM radio system to match the selected "Vacant" frequency (TX Frequency) for transmission of the audio signal from *G4-Z34BT* to your car stereo audio system.

--Select FM Transmitting Frequency (Manual Mode):

1.   In DAB, Bluetooth or AUX-IN mode, press and hold the "TX" button to enter FM transmitting frequency for selection mode.

2.   Then use the "SCROLL CODER" button to modify your favorite vacant frequency (based on your past experience with known vacant frequencies in your area) which you would like to receive by your car radio.

3.   Press the "TX" button to confirm (or wait about 8 seconds for automatic confirmation).
The selected frequency will be shown on top of the display, e.g. TX108.0MHz.

Remarks: "Vacant Frequency" means there is no FM radio broadcasting content or noise when the frequency is selected.

--RDS Lets You Listen To DAB Programs Uninterrupted:

1.   First, make sure the RDS AF (Alternative Frequency) function is built-in your car radio.
(Refer to your car radio manual on how to use AF function）

2.   *G4-Z34BT* built-in RDS function: when you drive into a metropolitan area where FM stations are highly crowded, you may hear interference when listening to *G4-Z34BT*.

3.   If you do encounter this problem, you can switch to the 4 default preset FM transmission frequency to solve this interference.

4.   RDS function can make your car radio automatically adjust to the same FM transmission frequencies as *G4-Z34BT*. This allows you to continuously listen to your DAB programs through your car radio system.

--Service Following:

While you are driving in an area with local service following and listening to the DAB channels, there will be no interruption if you are transitioning to other regions with the same radio program.

When the "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 has not switched over yet. Once it has switched to other regions, the S/F icon will turn white again.

FM Transmitter Operation

Default Pre-set Transmission Frequency:

1.   **ᴳᴬ-²³⁴ᴮᵀ** has stored 4 default pre-set FM transmission frequencies. When you start to activate the automatic scanning for a "Vacant" FM transmission frequency for the first time, then press the "TX" button and it will show: (1) TX1: 87.6MHz; (2) TX2: 90.0MHz; (3) TX3: 100.0MHz; (4) TX4: 107.9MHz on top right side of the display. Or press the "TX" button once again to change to another default frequency.

2.   If you want to adjust the pre-set FM frequency, then long press the "TX" button and the display will show the current FM frequency. Scroll the "SCROLL CODER" button to adjust the pre-set FM frequency.

Manage The Pre-set Stations

--Storing Pre-set Stations:

You may program and store your favorite DAB+ pre-set stations by using the following procedure:

1.   To select a favorite DAB+ station by using the "SCROLL CODER" button.

2.   Press and hold the "PRESET" button to enter Memory mode.

3.   Use the "SCROLL CODER" button to scroll up or down to select a number slot in memory to store your favorite station.

4.   Press the "SCROLL CODER" button to confirm the selection.   A message "Stored Successfully" will be displayed.

Recalling The Pre-set Stations

To recall your favourite DAB+ pre-set stations, short press the "PRESET" button to enter preset preview mode to show all the pre-set DAB+ stations and use the "SCROLL CODER" button to scroll up or down to recall a Pre-set Station and confirm by pressing the "SCROLL CODER" button.

Removal of Pre-set Stations

To delete all of your favourite DAB+ pre-set stations, press and hold the "MENU" button to enter menu mode, use the "SCROLL CODER" button to scroll up or down to search for "Delete All Presets" and select "YES" or "NO" by pressing the "SCROLL CODER" button to confirm.   If "YES" is selected, then all the memory of pre-sets will be cleared.

Manage The Bluetooth Devices

Pairing a Phone:

Pairing a phone with **G4-234BT** for the first time, follow the below procedures:

1.   Press the "MODE" button until you reach "Bluetooth" mode, the display will show "Bluetooth".

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

3.   Select "**G4-234BT**" in the list and once connection is established, the Bluetooth screen will display "Connected" and also show "ON" at the bottom. The Bluetooth icon will stop flashing and be shown on top of the display.

4.   Press the "SCROLL CODER" button to play or pause the music.

5.   Press and hold the "PRESET" button to stop the existing Bluetooth connection, then the device **G4-234BT** can enter a pairing mode and be ready for pairing and connecting with another new phone. Meanwhile, the display will show "Pairing in Progress" and the Bluetooth icon will be flashing and shown on top of the display.

6.   If you want to re-connect the Bluetooth with your phone, you can select and manage the Bluetooth connection from your phone again.

Remarks:
1.   The flashing of the Bluetooth icon indicates the Bluetooth is not connected, once it is connected the icon will stop flashing.

2.   If you want to exit Bluetooth mode, just press "MODE" button and select "AUX IN" or under "DAB" mode.

3.   During the process of re-connecting to the last connected phone, it may take several seconds to one minute for re-connection or stop reconnecting (which depending on the different model of phone). In the re-connection process, the Bluetooth icon at the top of the display will be flashing and the LCD will show "Not Connected".

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Manage Bluetooth Music Playback To Your Car Stereo Through FM Transmitter:

1. In Bluetooth mode with a phone connected, you can select the music file from your phone and playback via Bluetooth and through the FM transmitter to your car stereo audio.

2. Press and hold the "TX" button to enter FM transmitting frequency for modification mode.

3. Then use the "SCROLL CODER" button to modify your favorite vacant frequency, meanwhile you need to tune the same vacant frequency as your car stereo audio system.

4. Play or Pause the Music Playback: When music is playing, you can press the "SCROLL CODER" button to pause the music, then the display will show the ▶❚❚ symbol at the centre of the bottom of the display, if you want to listen to the music again, just press the "SCROLL CODER" button once again to resume playing.

5. When music is playing, you can use the "SCROLL CODER" to scroll up ◀◀ or down ▶▶ to select the previous or next song.

Operation of Radio AUX IN

Press the "MODE" button until you see "AUX IN" mode. Connect an external audio source into the "AUX IN/OUT" jack at the bottom of *G4-Z34BT* with the provided 3.5mm audio cable. Then tune your device with the same FM transmission frequency as *G4-Z34BT* and you will hear the music by playing the music playback. If you want to exit, then press "MODE" button again to listen to the previous DAB+ channel.

G4-Z34BT frequency set to 87.6MHz

Car Radio Frequency set to 87.6MHz to share music from your mobile

Operation of Radio AUX OUT

If you want to listen to DAB programs but not use the FM transmitter, you can use the AUX OUT function for instead. Using AUX OUT function will enable you to enjoy high quality DAB radio program.

1. Connect the supplied 3.5mm Audio Cable to the 3.5mm Line Out connector on the side of the **G4-Z34BT** and then connect it to the AUX IN of the car stereo.
2. Turn on **G4-Z34BT** and set it to DAB playing mode.
3. Turn on car radio and set the volume.

RTHK BBC

RTHK BBC

Car Radio
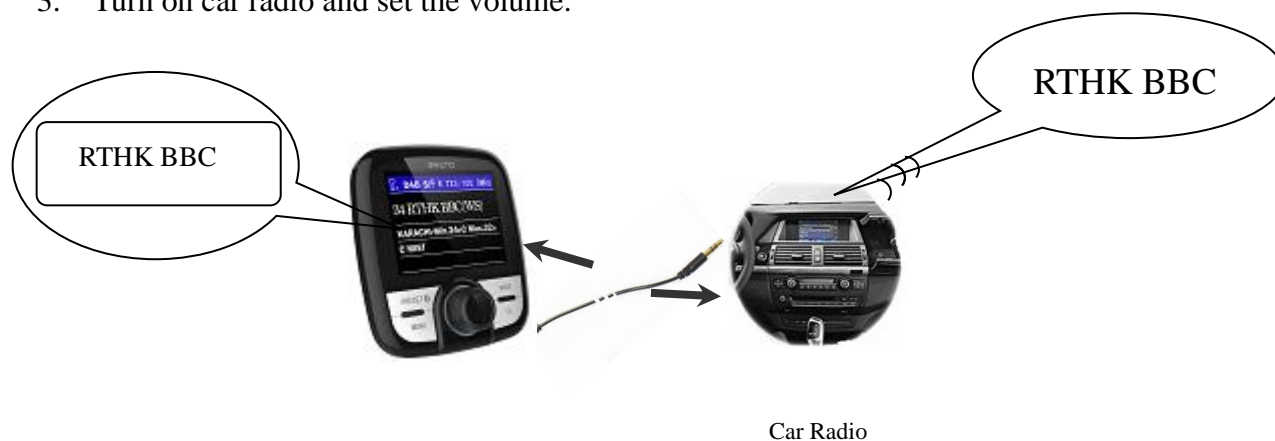
Operation Language Setting

1. Press and hold the "MENU" button to enter menu.

2. Use the "SCROLL CODER" button to scroll up or down to select "Language" and confirm by pressing the "SCROLL CODER" button.

3. Use the "SCROLL CODER" button to select your desired language and confirm by pressing the "SCROLL CODER" button again.

Other Functions / Settings

--Button Light Control:

1. Press and hold the "MENU" button to enter menu.

2. Use the "SCROLL CODER" button to scroll up or down to select "Button Light" and confirm by pressing the "SCROLL CODER" button.

3. Use the "SCROLL CODER" to select "ON" or "OFF" for button light and confirm by pressing the "SCROLL CODER" button again.

--LCD Display Dimmer Control:

When driving at night, you can control the brightness level of the coloured LCD display by pressing and holding the "MODE" button for 3 seconds to dim the display.   Press and hold the "MODE" button again to return to normal brightness level.

--Selection of Screen Background and 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 of DLS message
3. black background / orange font of DLS message
4. colour (without two horizontal lines)

To set the colour, follow the procedure below:

1. Press and hold the "MENU" button to enter the menu mode.

2.   Use the "SCROLL CODER" button to scroll up or down to select "Colour Setting", press the "SCROLL CODER" to confirm.

3.   Use the "SCROLL CODER" button to scroll and select your favorite colour, and press the "SCROLL CODER" button to confirm and exit the menu.

--Checking The Software Version Of The Device:

1.   Press and hold the "MENU" button to enter menu.

2.   Use the "SCROLL CODER" button to scroll up or down to select "Software Version" and confirm by pressing "SCROLL CODER" button to see the current software version of the device

3.   Press the "SCROLL CODER" button to exit the menu mode and return to DAB+ radio broadcasting channel.

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Reset To The Original Factory Settings

Method I : -

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

2.   Use the "SCROLL CODER" button to scroll up or down to select "Factory Reset" and confirm by pressing the "SCROLL CODER" button again.

3.   Use the "SCROLL CODER" button to select "YES" or "NO" for the reset and confirm by pressing the "SCROLL CODER" button.

Method II : -

Press and hold the "MENU" button and meanwhile unplug and plug the power cable again.

Product Specifications

1. Product Model: G4-234BT

2.   Radio Format Support: DAB/DAB+, FM Transmitter

3.   DAB+ Frequency: Band III (174.00 MHz – 240.00 MHz)

4   FM Transmission Frequency: 87.5 MHz – 108 MHz

5.   Audio Line-Out: 3.5mm cable

6.   Car Charger Power Output: 5V, 1A

7.   Power Source: Car Cigar-lighter Socket (10V-30V)

8.   Dimension: 80x74x18 mm

9.   Net Weight: 71g (approx.)

Safety Information

1. When using this radio, do not place it near water.

2. Clean with a dry cloth.

3. Do not block any ventilation openings.

4. Do not place near heat objects.

5. Only use accessories provided by the manufacturer.

6. Do not expose this radio to rain or moisture.

7. Do not allow this unit to become exposed to water, steam, sand or other environmental hazards.

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

9. If the product is used in a manner not specified by the instructions, the product's protection could be impaired.

10. Do not use the product if any damage is noticed.

11. Product repairs are only allowed to be carried out by competent and authorised personnel.

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

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