

# Genus GEO -1

## DAB Stereo Alarm Clock Radio

### USER GUIDE



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# 1 Introduction to Genus GEO-1



Thank you for choosing the Genus GEO-1 DAB Stereo Alarm Clock Radio.

The GEO 1 offers everything you would expect from an alarm clock radio plus some useful extras such as setting the time and date automatically via the DAB signal

Hand finished in machined aluminium, the stunning GEO is the perfect bedside companion.

The GEO-1 offers the choice of waking up each morning to crystal clear DAB radio in stereo sound or if you prefer, an alarm buzzer. The GEO 1 includes 'once only' or 'daily' alarm settings and will store up to four different alarm times for complete ease of use.

Genus aim to provide our customers with well designed, quality products that you will enjoy for many years to come but to achieve this we need your valued feedback. Please feel free to contact us via our website with your comments

PLEASE READ THIS USER GUIDE IN FULL TO GET THE BEST OUT OF THE GEO-1. The user guide contains all the information you require to use the product in the manner it was intended. PLEASE RETAIN THIS USER GUIDE FOR FUTURE REFERENCE.

For any technical issues not covered by the user guide - full product support is available at the end of a phone Monday - Friday (9.00am - 5.00pm) or at the 'Frequently asked questions' page of [www.genusdigital.com](http://www.genusdigital.com) . For more info about customer support visit [www.genusdigital.com](http://www.genusdigital.com)

## **2 Safety Instructions – PLEASE READ CAREFULLY**

- DO NOT use your GEO-1 near water
- DO NOT allow your GEO-1 to get wet
- DO NOT use the GEO-1 near heat sources
- Ensure that cables are NOT positioned in a manner in which they may suffer abrasion, be walked on or trapped.
- DO NOT remove any screws or open the casing of the product
- ONLY use the supplied power adapter
- DO NOT cover the ventilation slots on the GEO-1
- DO NOT place anything in the ventilation slots of the GEO-1

### **2.1 Cleaning**

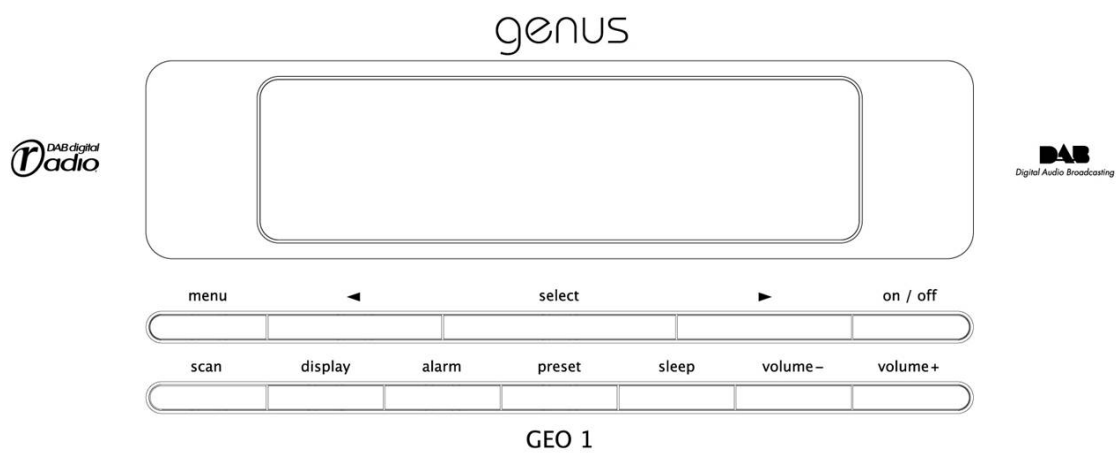
- UNPLUG your GEO-1 before you clean it
- DO NOT use a liquid or aerosol cleaner
- DO NOT use an abrasive cleaning product
- Clean your GEO-1 ONLY using a soft damp (not wet) cloth

### **2.2 Servicing**

- DO NOT attempt to repair any part of your GEO-1
- Contact your dealer if you have any doubt or questions regarding the installation or operation of your GEO-1

### 3 Product Diagrams

#### CONTROL PANEL

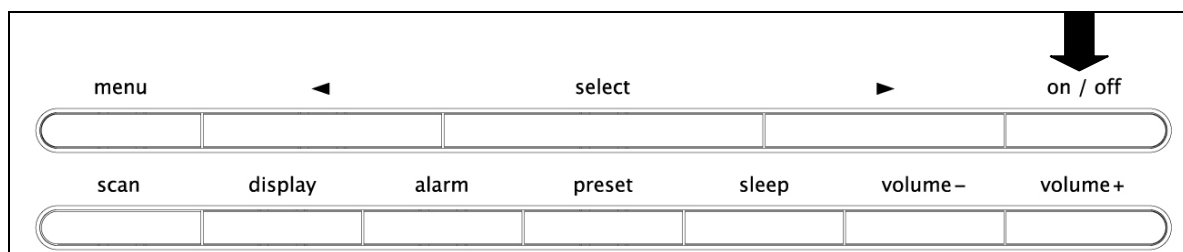


#### HEADPHONE SOCKET



## 4 Getting Started

### 4.1 Switching On for the First Time

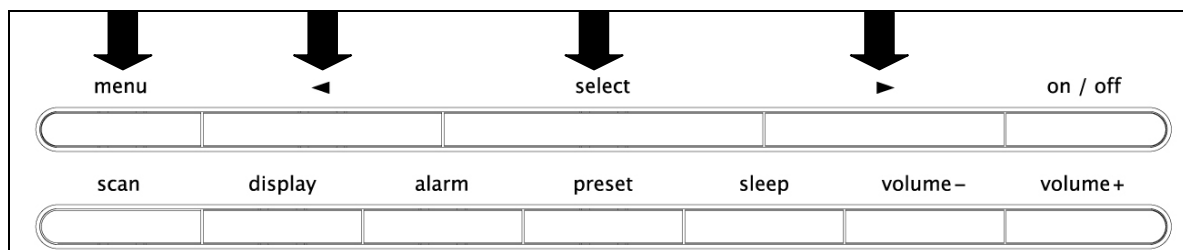


- For best reception position the antenna above the GEO-1.
- Connect the power adapter provided to the GEO-1. Now plug into the mains socket and switch mains on.
- The display will now say 'Setting Clock'. Allow the device to perform this function - this may take up to thirty seconds.
- The correct time, day, month and year will appear on the display
- Press the ON/OFF button to turn the device on.
- The GEO-1 will now search for available stations. Allow the device to perform this function. This may take up to one minute (depending on number of stations available locally).
- The GEO-1 will automatically tune into the first available station
- If required, reposition the antenna in order to achieve the best reception quality.
- The optimum reception on any DAB product is normally achieved if the product is positioned as close as possible to a window.

NB It is advisable to perform a 'full scan' to benefit from all the DAB channels available in your area (see Full Scan below)

### 4.2 Auto Scan / Full Scan

Your GEO-1 will perform a fast auto scan the first time you switch it on as detailed above – you can repeat this at any time by pressing the scan button. But to ensure that you are receiving all of the channels available to you it is advised that you perform a Full Scan. To perform a Full Scan:



- Press the MENU button
- Use the LEFT/RIGHT ARROW Keys to select 'AUTOSCAN FULL'
- Press the SELECT key. The device will perform a Full Scan and automatically tune into the first available station

## 4.3 No Stations Available

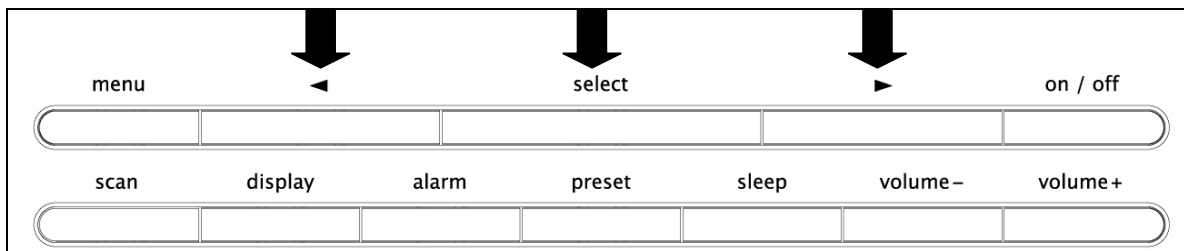
If no stations are found:

- Try adjusting the antenna or relocating the radio in the room (e.g. closer to a window)
- Your GEO-1 will provide you with menu options to repeat the scanning process or to allow you to tune manually
- If you still fail to find stations please check that you have DAB coverage in your area by visiting [www.digitalradionow.com](http://www.digitalradionow.com)

## 5 Using DAB Radio

### 5.1 Finding & Selecting a Station

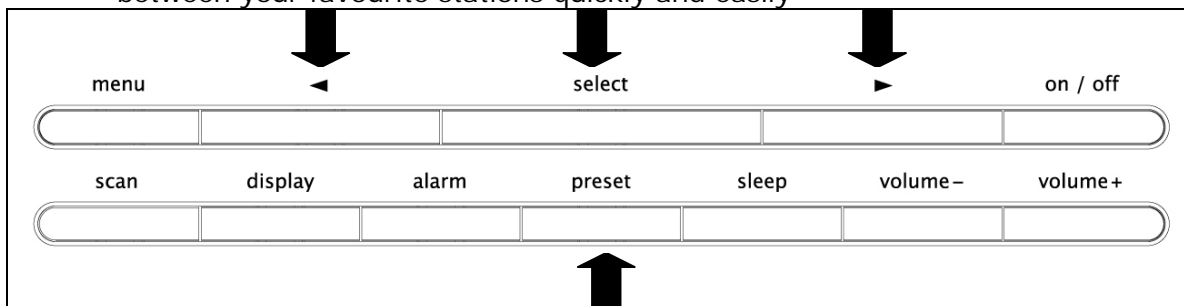
Stations will be listed alphabetically unless selected otherwise (see Menu Options – changing station order)



- To find a station use the LEFT/RIGHT ARROW Keys to move up or down the station list alphabetically
- When you have found the station you would like to listen to press 'SELECT'.
- If new stations have become available in your area you will need to perform a Full Scan (see Getting Started – Auto Scan / Full Scan). Any new stations will then automatically be added to the station list.

### 5.2 Using Presets

Your GEO-1 can store up to 10 stations as presets allowing you to move between your favourite stations quickly and easily

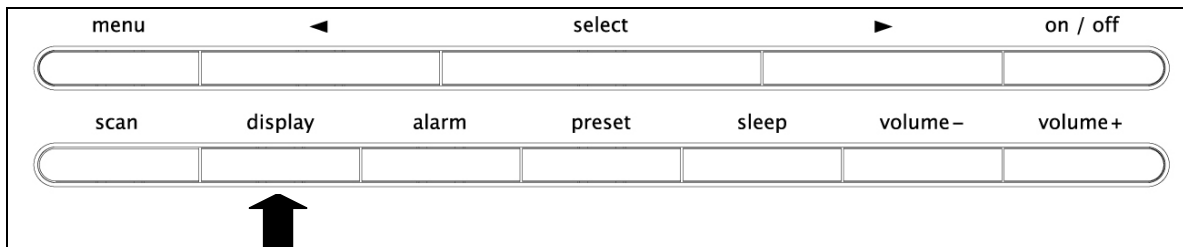


To store a station as a preset:

- Tune the radio to the station you wish to store.
- Press and release the PRESET button. The message 'Preset 1 Empty' will appear.
- To store the station, press and hold down the PRESET button until you see the message 'preset 1 saved'. The station you were tuned into is now stored.
- To store the station under a different preset number – press and release the PRESET button then use the LEFT/RIGHT ARROW keys to select the preset number of your choice (1 – 10).
- Having selected the preset number of choice press and hold the PRESET button until the message 'preset x saved'. The station you were tuned into will now be saved under that preset
- To store other stations – tune into the station required and repeat as above
- To overwrite a preset – tune into the station you wish to store, press and release the PRESET button, use the LEFT/RIGHT ARROW Keys to select any preset (1-10). Press the PRESET button and hold. If another station was already stored on this preset it will now have been overwritten with the new station.
- To select a stored preset. When the radio is turned ON press the PRESET button then use the LEFT/RIGHT ARROW keys to select the chosen preset. Press SELECT. The radio will tune into the selected preset.

### 5.3 Changing the Information on the Display

It is possible to regularly change the displayed information on the screen.



To choose one of the following options press the 'display' button repeatedly:

- Scrolling text (DLS) – the default mode and broadcast by most stations
- Programme type – type of content being broadcast
- Multiplex – all stations belong to a multiplex that are groups of stations owned and broadcast by a single operator
- Time and Date – an accurate time and date service updated from the multiplex
- Channel – Multiplex channel and frequency
- Mode – Indicates stereo or mono and the bit/data rate that is being used by the broadcaster. This will depend on the content being broadcast.
- Signal error – the lower the signal error, the better the reception quality at that time and location

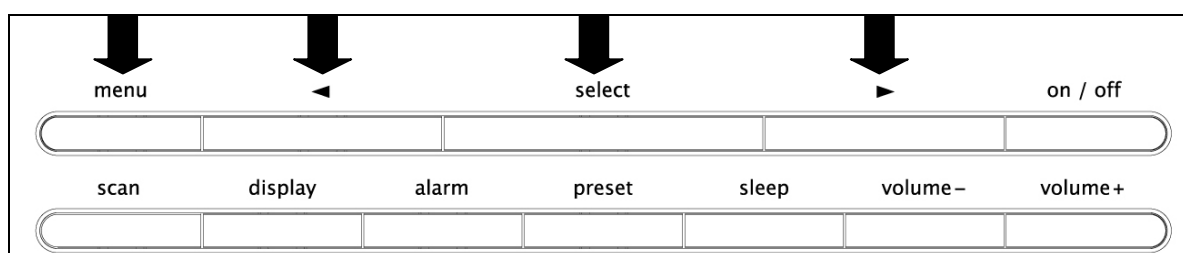


To show a graphic signal strength indicator:

- Press the 'select' button at any time when tuned into a station. The empty block indicates the minimum required level for good reception and the filled blocks show the current level.
- If required move the antenna around until the filled blocks move past the empty block.

## 6 Menu Options

To select a menu option press the 'MENU' button then scroll through the options using the 'LEFT/RIGHT ARROW' buttons. When you have found the menu option you require press 'SELECT'.



The menu options are as follows:

### 6.1 Station Order

By selecting the 'Station Order' option you can change the order in which your stations appear on the station order list. Choose one of the below options then press SELECT

- Alphanumeric – all stations are sorted alphabetically (default)
- Active Stations – all stations that are active will appear at the top of the list and all inactive stations at the bottom of the station list. Inactive stations are the stations that appear with a '?' next to them
- Favourite Stations – this displays your ten favourite (most listened to) stations at the top of the list and the rest below in alphanumeric order. Your favourite stations are those that appear with a '♥' next to them
- Prune Stations – if you move a DAB radio to a different location, certain stations on your station list may no longer be available however these will continue to appear on your station list as 'inactive' stations and will appear with a question mark '?' next to them. These stations can be deleted by selecting the 'Prune Stations' option

Scroll through this list using the LEFT/RIGHT ARROW buttons and then press SELECT to choose your preferred option

## 6.2 Manual Tune

Selecting the 'Manual Tune' menu option shows the signal strength to help you find the optimum position for your GEO-1 and the antenna

- Press the LEFT/RIGHT ARROW buttons to find the channel that you want then press SELECT (UK stations are in the range 11B to 12D). The signal meter will be displayed. The empty block indicates the minimum required level for good reception and the filled blocks show the current level.
- Move the antenna around until the filled blocks move past the empty block. When you have a good signal the display will show the multiplex name and add its stations to the list

NB You can display the signal level at any time by pressing the SELECT button while you are listening to a station

## 6.3 Dynamic Range Control

DRC helps you hear quieter sounds at low volume or in a noisy environment. Not all broadcasters currently use DRC however your GEO-1 radio is equipped to implement DRC at varying levels.

Having selected the DRC option from the menu use the LEFT/RIGHT ARROW KEYS to select the DRC value

- DRC 0 – switches DRC off
- DRC ½ - DRC level is half of that sent by the broadcast
- DRC 1 – DRC level as sent by the broadcaster

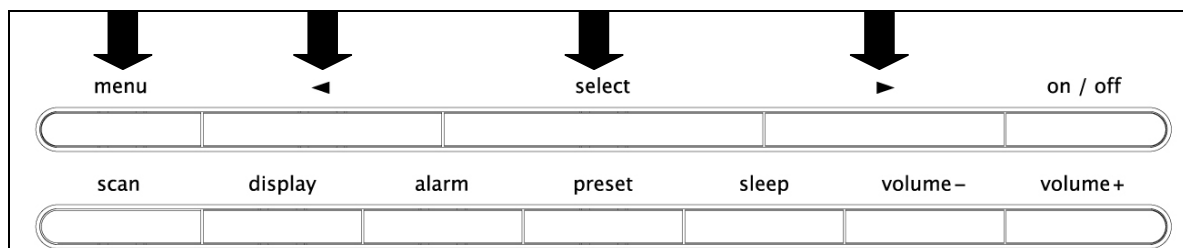
## 6.4 Software Version

If you call requiring technical support you may be asked to give these details

## 7 Clock & Alarm Functions

### 7.1 Setting the Clock

Your GEO-1 will set itself automatically from the time transmitted with the DAB signal or you can choose to set the clock yourself



To auto set the clock:

- Turn the mains power on

To manually set the clock:

- Press the MENU button on your radio
- Use the LEFT/RIGHT ARROW Keys to choose 'Clock'
- Press SELECT
- Use the LEFT/RIGHT ARROW keys to select 'Set Clock'
- Press SELECT
- The clock will appear with the hours highlighted. Use the LEFT/RIGHT ARROW keys to set the hours then press SELECT
- The minutes will then be highlighted. Use the LEFT/RIGHT ARROW Keys to set the minutes then press SELECT
- Continue this process for the date including day month and year

### 7.2 Setting the Alarms

For your convenience, the GEO-1 can store four different alarm times, each of those a 'once only' or 'daily' setting.

To set the alarm time and its corresponding frequency (once only/daily):

- Turn the radio on using the ON/OFF button
- Press the MENU button.
- Use the LEFT/RIGHT ARROW KEYS to choose 'Clock'. Press SELECT.
- Use the LEFT/RIGHT ARROW KEYS to choose 'Set Alarm'. Press SELECT.
- Use the LEFT/RIGHT ARROW keys to choose Alarm 1-4. Press SELECT.
- The screen will appear with the message 'Alarm x – Not In Use'. To start setting this Alarm press SELECT.
- The time will appear with the hours highlighted. Use the LEFT/RIGHT ARROW keys to set the hours then press SELECT
- The minutes will then be highlighted. Use the LEFT/RIGHT ARROW keys to set the minutes then press SELECT
- The screen will then display the frequency options. Use the LEFT/RIGHT ARROW keys to choose either 'daily' or 'once'. Press SELECT.

- Then using the LEFT/RIGHT arrow keys select either a DAB radio alert or Buzzer alert. PRESS SELECT to confirm choice.
- The screen will then summarise and confirm your settings
- The GEO-1 will then return automatically to radio mode
- Follow above steps to pre-program all 4 alarms

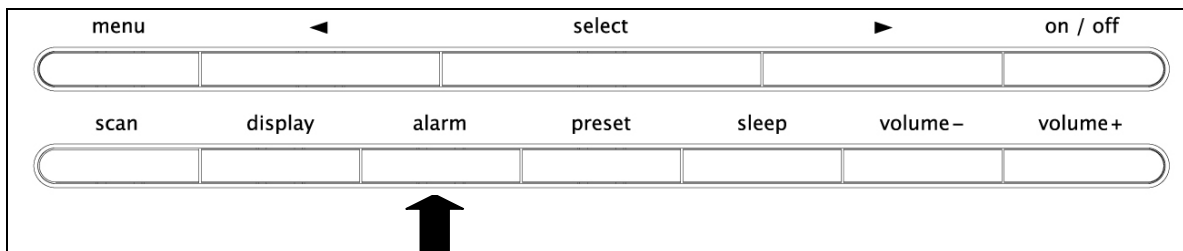
### 7.3 To enable or disable a PRESET ALARM:

CAN BE DONE IN STANDBY MODE **OR** WHEN THE RADIO IS TURNED ON

- Press the ALARM button.
- Use the LEFT/RIGHT Arrow Keys to select a pre-programmed alarm.
- Pressing the SELECT key repeatedly will enable OR disable the displayed alarm. THE ALARM IS **ENABLED** WHEN THE **'BELL'** SYMBOL APPEARS ON THE DISPLAY
- Having enabled or Disabled the alarm the GEO-1 will automatically return to its previous state (radio – if the device was turned on; time and date – if the device was in standby mode). **THE BELL SYMBOL WILL REMAIN ON THE DISPLAY IF AN ALARM HAS BEEN ENABLED.**

### 7.4 To turn an ALARM OFF:

- Press the ALARM button



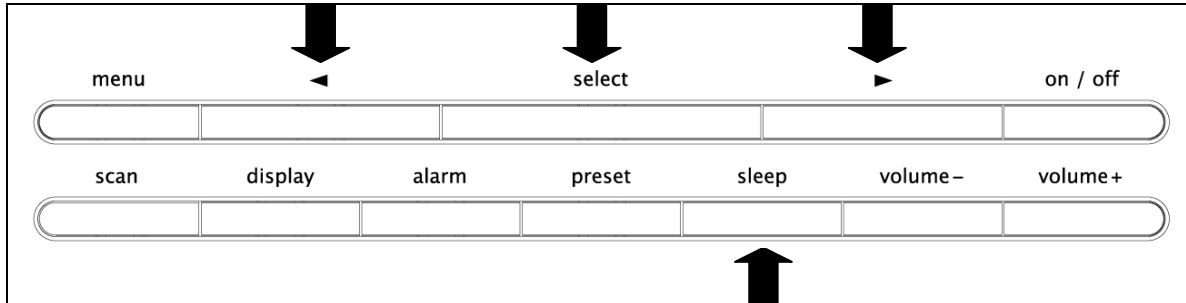
### 7.5 SNOOZE Function:

It is possible to choose the duration of 'Snooze' time. Snooze – is defined as a way of silencing an alarm alert for a given number of minutes from 5 minutes to 60 minutes (1 hour). Once the number of minutes has been set – pressing the SNOOZE button will silence any alarm alert for the corresponding number of minutes:

- When the GEO-1 is switched on, press the MENU button
- Use the LEFT/RIGHT ARROW keys to select 'Clock'. Press SELECT.
- Use the LEFT/RIGHT ARROW keys to select 'Snooze'. Press SELECT
- Use the LEFT/RIGHT ARROW keys to select number of minutes. To confirm press SELECT

## 7.6 SLEEP Function:

The sleep function allows the user to listen to the radio before going to sleep secure in the knowledge that the radio will turn itself off after a given period of time. The given period of time is chosen by the user.



USING THE SLEEP FUNCTION DOES NOT AFFECT THE ALARM SETTINGS

To set the number of minutes before the radio 'sleeps':

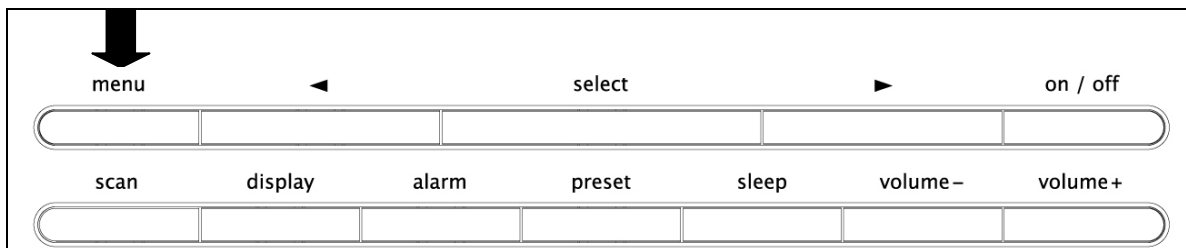
- Press 'SLEEP'
- Use the LEFT/RIGHT ARROW keys to select the number of minutes until you wish the radio to 'sleep'
- Press SELECT
- The message 'Sleep Activated' will appear on the display
- The radio will 'sleep' (go into standby state) after the corresponding number of minutes

## 8 Performing a RESET

To restore the GEO-1 to its factory settings press and hold down the MENU button for two seconds.

A message will appear on the screen asking you for confirmation. Press the SELECT button to continue or allow the radio to return to the previous state.

**NB a system reset will delete all presets, menu option selections and alarm/clock settings. A system reset should only be performed if this is required or if the unit appears to have developed an operational fault**



## 9 Display

### 9.1 Brightness Control

The backlit LED display has two brightness settings – High or Low. The switch to manually control this is located at the base of the back of the unit.

The LOW setting is advised for bedside use or when ambient lighting is dim. The HIGH setting is advised where ambient light is bright e.g. office/desk top use

When in standby mode the GEO-1 will automatically go to the Low Brightness setting after 30 minutes. Should better visibility be required, the high brightness setting can be activated temporarily by tapping the SNOOZE key.

## 10 Technical Specification

- General: DAB stereo alarm clock radio capable of receiving all DAB band III transmissions
- Frequency: DAB Band III with fast auto tune
- Antenna connector: Pig Tail antenna supplied
- Power supply: 9V DC external power supply
- Display: Custom built blue back lit LCD; easy to read; large characters; large viewing angle
- Controls: stand by ON/OFF; volume +/-; station +/-; 10 preset; select; display; menu; snooze; sleep; alarm; scan )
- Approvals: CE

## 11 Headphone Output

The GEO-1 includes a standard headphone socket for consideration to others. Headphones are not supplied.

**FOR MORE INFORMATION ON THIS AND OTHER PRODUCTS VISIT:**

[www.genusdigital.com](http://www.genusdigital.com)

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