

# Gateway Lite

## General User Guide

GWL-9231-1



### 1. Introduction

Gateway Lite enables music playback from a USB storage or iPod through your vehicle's entertainment system, using the buttons of the car stereo for basic control. This device is designed to give easy to manage control in cars where it is not possible to display text, therefore only basic control is available (track skip functions and USB folder browsing).

### 2. Supported audio devices

**USB:** USB stick and external hard drive with one partition

**File System:** FAT32

**Storage capacity:** up to 64GB music content

**Music Format:** MP3, WMA (except for DRM protected, WMA-lossless, WMA-Pro) and WAV

#### iPods<sup>1</sup>:

- iPod (4<sup>th</sup> generation)
- iPod nano (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> generation)
- iPod mini
- iPod photo 4G
- iPod video 5G
- iPod classic
- iPod touch (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> generation)

#### iPhones<sup>1</sup>:

- iPhone 4s, 4
- iPhone 3GS, 3G

<sup>1</sup>These require the optional Dension 30-pin Dock Cable (IPDC1GW).

#### Devices supported using the optional Dension Lightning Adapter for Gateway (LIA1GW0):

- iPhone 5s, 5c, 5, 6, 6 plus
- iPod touch (5<sup>th</sup> generation)
- iPod nano (7<sup>th</sup> generation)

The Dension Lightning Adapter ends in a USB port, it means that beside the Adapter you will also need a Lightning USB cable (IPLC1GW) or a cradle (IP6LCRP).

### 3. Getting started

Before you start, please check that your iPod or iPhone is up-to-date. You can get the latest firmware updates via iTunes or the settings menu on your device. If you use a USB device, please check the above mentioned requirements.

### 4. Operation

Switch on your car radio and select the 'CD changer' source. This is usually done by pressing the CDC or CD button, or pressing the CD button twice. If in doubt, consult the audio section of your car's manual. Connect your iPod or USB drive to the Gateway. The first file on the device starts to play. If the Gateway has been used earlier, music will play from your iPod or USB from the point last played. **If both are connected, the last used source will continue to play.** Switching off the radio (or the ignition) will stop playback and put the devices connected to standby. Next/back and random/repeat/scan buttons (radio dependent) work according to their usual function. If neither the iPod nor a USB drive is connected 'CD5/Track99' is displayed with the counter running.

### 5. Sources

#### iPod

Two operation modes are available:

- iPod User Interface (iPod UI)
- iPod Gateway Interface (iPod GW)

In **iPod UI mode** the original user interface of the iPod **remains active** (i.e. the click wheel still works) so you can use it for control and browsing as normally.

During playback the radio displays CD5. The shown track numbers and time counter are not synchronized with the iPod. We recommend the use of this mode if you want original iPod functionality.

In iPod GW mode the click wheel or the touch screen is disabled<sup>2</sup>, the iPod displays the currently played song information. (On iPod touch and iPhone the 'accessory attached' message will be displayed only.) iPod playback control is possible only from the car stereo (head unit or steering wheel). In this mode the track number and the time is displayed on the radio display (head unit dependent).

<sup>2</sup>Please note that on iPod touch and iPhone running iOS 6 or newer the iPod GW mode does not disable the control or normal display.

CD buttons have the following functions in different iPod modes:

CD#	iPod GW	iPod UI
CD1	1 <sup>st</sup> playlist	
CD2	2 <sup>nd</sup> playlist	
CD3	3 <sup>rd</sup> playlist	
CD4	4 <sup>th</sup> playlist	
CD5	play all	parking disc
CD6	set iPod UI mode	set iPod GW mode

Based on this you can select the first 4 playlists with CD1-CD4.

During playback you can select next or previous playlists by pressing and holding the fast forward or fast rewind button (▶/◀) function button on the head unit (device dependent).

### USB

When you connect a USB drive, the Gateway will start to play in 'Play All' mode. If the Gateway has been used earlier with the same USB stick, then the music will play from the point last played. You can choose 4 main folders (assigned in alphabetical order) stored in the root directory by selecting CD1-CD4:

CD#	Function
CD1	1 <sup>st</sup> folder
CD2	2 <sup>nd</sup> folder
CD3	3 <sup>rd</sup> folder
CD4	4 <sup>th</sup> folder
CD5	play all
CD6	unused disc

During playback the radio displays CD and the track number with the time elapsed of the current track (Radio dependent). When CD1 through CD4 is selected, you can jump to the next or previous subfolder using the FF/REW (▶/◀) buttons. In 'Play All' mode (you can select it with CD5) all folders/subfolders can be reached and selected using the FF or REW function buttons.

#### Tips and Tricks:

You can easily define how the CD selection buttons are assigned by naming the folders as: 1-Rock, 2-Blues, 3-Pop, etc. as shown below:



Depending on how many music files do you copy on the USB stick, the indexing of these files may take some time. During this process of the Gateway you may not have access to your music. When changing the music content on your USB drive, it is highly recommended to delete the index files (GW\_Dbx.BIN) from the root folder.

### 6. Enabling text display

Gateway Lite is designed for cars without text display – except for compatible BMW and Toyota models.

When installing the device in a BMW, the text (song info) can be displayed on several screens (Radio, MID or Navigation) and it has to be set after the Gateway installation. In order to activate text display mode you need to enter the **Text selector mode**:

- Turn the Radio ON and select the Gateway (CD Changer)
- Disconnect all devices from the Gateway and wait until 'Disc 5/Track99' appears
- Keep the next track button pressed (fast forward) for at least 10 seconds, then release. The display turns to 'Disc 1/Track01' within 3 seconds - this means you entered Text selector mode. (On most BMW radios you have an "m" button. If you want to reach the fast forward function in this case, then you may need to press the "m" button first to change the function of the (▶) button to fast forward)
- Press the next track button (▶) to toggle tracks 02 through 04 to set the screen mode
- Please note: track 01 is the non-text mode

- After setting the appropriate mode, press fast forward (holding down next track button for 3 seconds or by using the "m" button as mentioned) to confirm. Pressing the fast rewind button will exit the Text selector mode without any changes
- If the text selection procedure was correct AUX GW will appear on the display

**Please note:** Text display may be possible on some Toyota radios as well. In that case please press "DISP", "TXT" or "TEXT" button on the radio to activate it.

### 7. Troubleshooting

Symptom	Cause	Solution
USB is not recognized	Wrong file system	Check the file system (only FAT32 is supported)
	The content is write protected	Check the file settings
	Media is not supported	Use compatible file formats
	Problem with indexing	Delete index files from the root and index it again
No text display - although it was working earlier (only on BMW or Toyota)	iPod UI selected	Change the iPod mode to iPod GW mode
Radio is not muted	Mute wire is not connected to the radio	Please connect the mute wire according to the installation guide

## **8. Disclaimer**

If your car's electrical system begins to behave in an unpredictable way please immediately disconnect the Gateway Lite device physically and have it checked by your installer or an automotive electronics professional. 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 during the driving. Dension reserves the right to modify its products or specifications without prior notice.

## **9. 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.

## **10. Update and support**

If you need further assistance in using your Gateway Lite, please contact your local supplier or visit [www.dension.com/support](http://www.dension.com/support). Please check the product section for the latest firmware version and product documentation of your device.