

Gateway 500

General User Guide

G51-9201-2



1. Introduction

The Dension Gateway 500 lets you connect your USB flash drive iPod and iPhone to your original car radio, providing music playback and menu based control through your vehicle's entertainment system, using the original controls of the car stereo.

2. Supported audio devices

USB: USB stick and external hard drive with one partition

File system: FAT32

Storage capacity: up to 320 GB music content

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

iPods:

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

¹ These require the optional Dension "30-pin Dock cable" (IPDC1GW).

Supported iPod and iPhone devices via Lightning adapter for Gateway (LIA1GW0) (not included in the package):

- All iPhone and iPod devices that have a Lightning connector

3. First steps with the Gateway

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.

Getting started:

Switch your head unit (car radio) ON and select CD changer as source. If in doubt consult the audio section of your car's instruction manual! Depending on your head unit, the music menu can be browsed with radio buttons (Next / Back), MMI or i-Drive controller (for further details please go to Section 8). Through the CD changer option you should see the menu of the Gateway in CD6 or CD1 (head unit dependent).

On text capable radios the source selection and browsing is organized in a Menu - available by selecting Disc6 or in the car's built in Browser. Due to the very different graphic interface of various cars the Menu may look different as well. Navigation in the Menu is just like you were selecting Tracks on a CD.

Use the Nex/Back track button or the jog-wheel to highlight an item in the list.

You can Enter a menu or select the highlighted item by fast forward or by pressing the controller wheel.

With the fast revind button you can go back to the previous menu level.

4. Sources

If you connect a source to the Gateway, that source will start to play automatically. In case if that source has been in use earlier, the music will continue from the last played position.

In the Source menu you can select from which source you would like to listen your music. This can be:

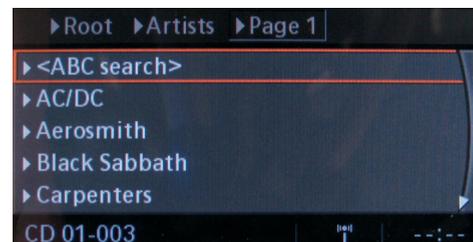
- **GW AUX:** in AUX mode the radio displays 'AUX GW' on the radio screen and cluster display (car/head unit dependent). No control functions are available.
- **iPod UI:** the original user interface of the iPod **remains active** (i.e. the click wheel still works) so you can use it for browsing as normal. In this mode the **ID3 tag** info will not be displayed, time counter is not synchronized and **only 'iPod UI'** will appear on the screen.
- **iPod GW:** the click wheel or the touch screen (iPhone, iPod touch) is **disabled**, iPod displays the currently played song information, except on touch and iPhone where '**Accessory attached**' message is displayed. The iPod playback control is possible from the car stereo (head unit) or the steering wheel only. In this mode the ID3 tag info and the time is displayed on the radio display (radio dependent).
- **USB:** the playback is controlled from the Gateway. ID3 tag info will be displayed (if that details are properly filled out).

Please note: Gateway returns to Now playing menu after you choose a music file.

5. Music menu

Here you can browse and select the music content of the connected device.

- **USB:** Files, Artists, Albums, Titles, Bookmarks are available
- **iPod/iPhone:** Playlists, Artists, Albums, Songs, Genres



Please note: In case the current list of the playlist/album contains more than 30 items (songs) the whole list cannot be displayed on the same screen due to the technical limitation of the radio so it will be split to pages (sub lists) containing 30 items.

6. Basic music browsing

To browse the content of the connected device, you need to use the CDC menu and CDC controls of the head unit. These controls are head unit dependent but the basics are the same.

Use the disc buttons or disc selection menu as you see below to manage the playback from the Gateway.

- Disc1: You can see the list of playlists/folders if you select Disc 1 of the CD changer option.

- Disc2: With Disc 2 you can browse the Artists

- Disc3: After pressing Disc3 you will be able to select between the available albums.

- Disc 4: Under Disc4 you will find an extra menu wher you can select play All list or you can turn ON/OFF the Random, repeat or Scan options.

- Disc5: Disc5 is the playing disc you should see the now playing menu if you select this disc or if you wait until the Gateway switch to Disc 5 automatically after Timeout.

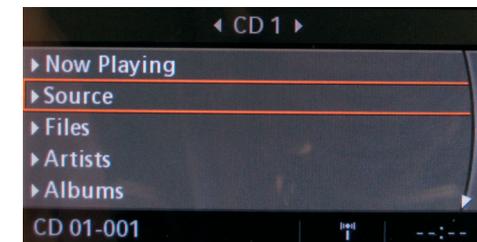
- Disc6: Disc 6 is the menu of the Gateway. Under this option, you can find the Source menu where you can select between the different connected sources.

Also you can browse the content of the active source. The content of the browsing menu is source dependent.

7. Specific operation guides

BMW

The menu of the Gateway is displayed on the iDrive or the radio screen:



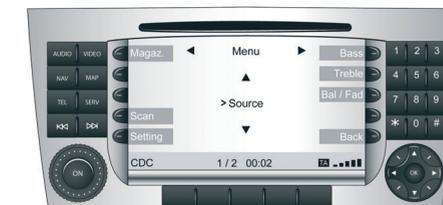
The music playback and settings are controlled from the radio or iDrive controller, but it is also possible to select the next or the previous track from the steering wheel buttons (if available). For more information, please check section #4, #5, #6 and #7!

Browsing is possible on **non-iDrive cars**, by the next or previous track buttons. In order to select a menu item, please press and hold the fast forward button (about 3 seconds). Press and hold the fast rewind if you want to get back to the previous menu.

On iDrive based systems turn the iDrive controller left or right for browsing. Press the iDrive to select a song or enter a menu, slide the controller up and push the iDrive controller to get back to the previous menu.

Mercedes-Benz

The menu of the Gateway is displayed on the screen of the COMAND head unit:



To enter the menu of the Gateway, you need to press audio button, then select CDC. After this, you can reach the discs with the numerical buttons.

The music playback and settings are controlled from the buttons of the head unit, but it is also possible to select the next or the previous track from the steering wheel (if available). For more information, please check section #4, #5, #6 and #7!

Toggleing between different menu options is possible with the next SEEK+ (▶) or previous track SEEK- (◀) buttons. In order to select a menu item, press and hold (about 3 seconds) the next track SEEK+ (▶) button. You can get back to the previous menu level if you do the same procedure with previous back SEEK- (◀) button.

Note: The Gateway menu can be reached by "Magaz." button as well where you can use side navigation buttons too, however for browsing and selecting the same buttons need to be used as mentioned above.

Porsche

The menu of the Gateway is displayed on the PCM head unit.



You can enter the Gateway's menu by selecting "CD List" and then "Menu" by the right rotary knob. When you entered the menu of the Gateway you can toggle between the different menu options by the next (>) or previous track (<) buttons. In order to select a menu item, press and hold (about 3 seconds) the next track (>) button. You can get back to the previous menu level if you do the same procedure with previous track (<) button.

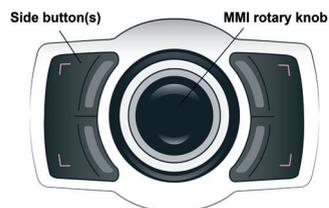
The music playback and settings are controlled from the radio, but it is also possible to select the next or the previous track from the steering wheel (if available). For more information, please check section #4, #5, #6 and #7!

Audi

The menu of the Gateway is displayed on the MMI screen:



You can enter the Gateway's menu by selecting "Changer" with the upper side button and then select "Menu" (CD1-6 or CD7-12) by using the MMI rotary knob.



Turn left or right the MMI rotary controller for browsing and press this knob to select a song or enter a menu. Alternatively you can use the next track (>) button to enter or select, if you hold it for 3 seconds. You can get back to the previous menu level, if you select the first menu item in the list (at the top) or if you press and hold the previous track (<) button.

The music playback and settings are controlled from the radio, but it is also possible to select the next or the previous track from the steering wheel (if available). For more information, please check section #4, #5, #6 and #7!

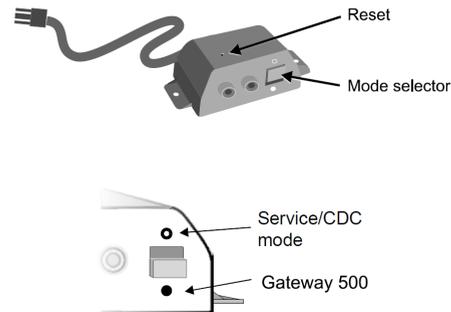
8. AUX box

The Aux box is a convenient accessory and AUX input (Stereo RCA) and it has a mode selector switch and a reset button. Use the mode selector switch to toggle between ACTIVE/BYPASS mode. In active mode the blue LED will light continuously, meaning the Gateway is the active source. In bypass mode (LED only flashes), the Gateway will be fully "invisible", so no functions - as media playback from iPod or the phone - will be accessible. In this mode you can reach the original CD changer (if available) instead of the Gateway.

Use bypass mode if:

- You want to use the original CD changer of the car
- If the car is taken to service (to avoid conflicts with diagnostic devices)

Please note: After changing the mode switch to active or bypass mode please turn off the whole car with closed doors for 5 minutes to finalize the new setting.



9. Operation in Non-Text capable cars

If your car do not support text, than instead of a Menu, you can select a source by setting a Track# on Disc6. When you select Disc6, the Track# will indicate the currently active source. This may take a few seconds. Change the Track# and press FF to select a new source.

This table indicates the Track# assignment to the possible sources:

DISC6	AUX	iPod User Interface	iPod Gateway Interface	USB	Bluetooth Audio	Bluetooth HandsFree	Reserved	PND
Track #	1	2	3	4	5	6	7	8

To browse the content of the connected device in non-text mode, you need to use the same controls as you see in section #6.

In non-text mode, you can switch between the first tracks of each playlist/folder after you pressed Disc1. With the fast forward you can selected the playlist which actually heard through the speakers.

You can do the same with Artists after pressing Disc2 or with Albums after pressing Disc3.

10. Disclaimer

If your car's electrical system begins to behave in an unpredictable way please immediately disconnect the Gateway 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.

11 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.

12 Update and support

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

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