INSTALLATION AND USER MANUAL

FOR

GATEWAY PRO BT

DENSION

LEADING IN CONNECTED ENTERTAINMENT

1. INTRODUCTION

The Dension Gateway Pro BT lets you connect your iPod or USB storage (stick, hard drive or mass storage capable mp3 player) to your original car radio, providing music playback, menu based control and charging. The device offers Bluetooth connectivity for music streaming (via A2DP) and hands free feature via the original buttons and screens of your vehicle. The Gateway Pro BT is the perfect integration for cars with factory head unit.

Package contents

▸ Gateway Pro BT device

▸ Car side harness (BM4)

▸ Microphone

▸ Zip ties

2. SUPPORTED AUDIO DEVICES

USB

▸ USB stick and external hard drive with one partition

▸ File system: FAT32

▸ Storage capacity: up to 100 GB music content

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

Apple devices

▸ All Apple devices with 30-pin connector through optional 30-pin iPod Dock cable

▸ All Apple devices with Lighting connector through the USB port

3. GETTING STARTED

Make sure that the vehicle compatibility is correct: The Gateway Pro BT is available in specific versions for different vehicle types; therefore the exact operation and installation may differ in each case.
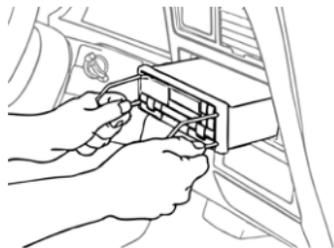
Before you start

Make sure the ignition key is removed from the car, the radio is switched off and you have the security code of the head unit (radio) ready (if applicable).

Please note: In case of BMW it is necessary to remove the factory CD changer completely from the system of the car. Please be sure that all of the connectors of the CD changer were disconnected.

Removing the head unit

First, carefully remove your vehicle's existing factory head unit as per the factory instructions and by using the correct tools.
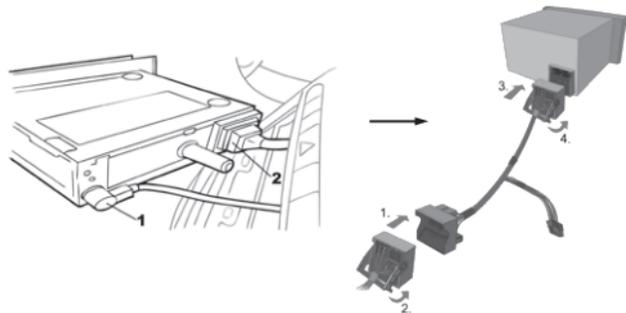
In some cases removing the head unit will require panel removal. Contact your vehicle's dealer or installation supplier / installer for more information.

4. FITTING THE GATEWAY HARNESS

Once the head unit is removed, disconnect the antenna cable **(1)**, and then unclip the main wiring connector from the head unit **(2)**.
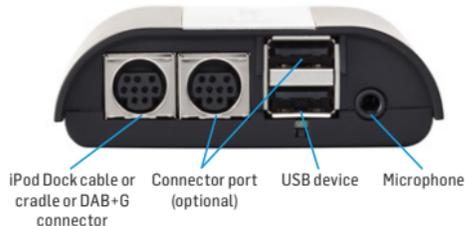
With the main radio cable removed, connect the Dension supplied cable between the original factory cable harness and the head unit.

5. INSTALLATION (PART 1)

The below diagram depicts how the different modules connect to the Gateway Pro BT.

- Connect the 18 way micro-Fit to the Car side of the Gateway Pro BT module.
- Connect the round iPod connector (optional) and connector port (optional) to the module and feed them through the dashboard to an appropriate location.

iPod Dock cable or cradle or DAB+G connector   Connector port (optional)   USB device   Microphone

Connector port (optional accessory)

The Connector port allows easier access to the USB and AUX connections of the gateway, and provides a bypass switch and an easy reset option. The iPod connection and charging is possible directly through the iPod Dock cable or an iPod cradle (not included).
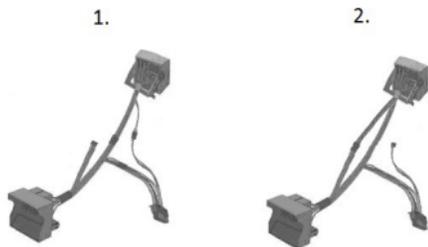
Please fix the connector port in a position where the user can access the inputs, and leave sufficient room for attaching USB storage devices.

6. INSTALLATION (PART 2)

There are DIP switches on the bottom of the Gateway Pro BT. You can activate / deactivate the hands free functionality with DIP switch 5. Change the default settings only if you want to use the factory fitted phone options.

For example: If you want to use the factory phone option instead of the Pro BT, set DIP switch 5 ON and change the 4-pin Molex (phone audio) position as it can be seen below (picture #2). The other DIP switches between 1 - 4 are non-functional.

1.   2.

Please note: You have to remove the factory phone module (if available) to be able to access to the Gateway's phone option.

Fitting the microphone

The microphone works best when it is kept away from all noise sources (open windows or speakers) but is located close to the driver: installing it at the central interior light or the rear view mirror, so to the centre of the windscreen are two options that can produce high sound quality. There is also a clip to help you mount the microphone. The optimal place for the mic depends on several things, so it is recommended to try different places before finalizing the installation.

7. TESTING AND REFITTING

Before you refit the head unit, test the Gateway Pro BT with your car audio. Make sure all connections are correct and that you have full functionality.

Please note: If during testing you notice any changes or inconsistencies in the way the car's electrical system operates, disconnect the Gateway product immediately and consult your dealer.

When you are done testing everything, refit your head unit.

▸ Do not trap the cables or leave them in a position where they may become trapped after refitting the head unit. We supply cable ties to mount the Gateway Pro BT module.

▸ Please do not mount the module near heat or damp surfaces.

▸ Refit is the reversal of the removal process for your specific vehicle, as per your manufacturer's instructions.

8. FIRST STEPS

Switch on your car radio and select CDC mode by pressing the MODE function button on the radio.

Connect your iPod or USB storage to the Gateway. It will start playing the first song on the device. In case the Gateway was in use earlier, the music will continue playing from your iPod or USB from where it stopped previously.

When switching off the radio the playback will stop and the source device will go on standby some minutes later if the ignition key is removed and the doors are closed.

You can pair the Gateway Pro BT with a Bluetooth capable mobile phone for music streaming (requires an A2DP capable phone) or hands free (if that option is active in the Gateway). Pairing is controlled from the mobile phone, the same way as connecting to other Bluetooth accessories. The pin code to the Gateway Pro BT is 0000.

Accessing the menu

The menu of the Gateway Pro BT is displayed on the main screen, which is located on the radio, MID or the navigation display (depending on the head unit type and the car specifications).

The music playback and settings are controlled from the radio but next and previous track selection is also possible from the steering wheel controls (if available).

9. OPERATION

You can enter the Gateway Pro BT's main menu by pressing / selecting the Disc 6 button on the radio. Use the Next / Previous track buttons (on Business Radio you need to press them twice) or the rotary knob (press shortly to enter a submenu or press and hold longer to return to the previous level) on the radio or on the steering wheel for browsing.

In order to select a menu item press and hold the Next track button (like for the Fast Forward function) on the radio or press and hold the Previous track button (Fast Rewind function) to return to the previous level.

Please note: Depending on your head unit type, you may need to press the M button in order to get the Fast forward / Rewind function. If a song is selected the currently played song's title is visible on the display.

Selecting the music source

You can select the music source for playback in the Source menu. This can be:

▸ **GW AUX*:** The analogue Auxiliary input of the Gateway. No control function is available. AUX can be used if the optional accessory Connector Port (EXT1CP2) or AUX cable (CABL-AUX) is connected.

▸ **Bluetooth audio:** From a paired A2DP streaming capable phone. The playback is controlled via phone or with the Next / Previous buttons of your car (phone dependent).

Please note: This feature may be disabled by default but can be enabled from the 'Settings menu' of the Gateway device.

▸ **iPod UI:** The playback is controlled via iPod.

▸ **iPod GW:** The playback is controlled from the Gateway device (in this case the iPod controls get disabled).

▸ **USB:** The playback is controlled from the Gateway.

▸ **DAB Radio**:** After selecting this source you will be able to listen and manage digital radio through DAB+G.

* additional accessory is required (CABL-AUX or EXT1CP2)
** additional DAB+G DAB receiver accessory is required (DBG1GEN)

Browsing and selecting music (iPod or USB)

You can use certain menu items to browse the content of the iPod/iPhone or USB device:

▸ **For USB devices** Source, Files, Music, Album, Artist, Songs, Bookmarks and Settings make browsing and selecting music files easier.

▸ **For iPod devices** the following submenus will help you with browsing and selection: Source, Music, Playlist, Artists, Albums, Songs, Genres, Composers, Audiobooks, Album Play and Settings.

When an album is selected, the 'Play' menu item starts the playback of the album and the particular songs get listed afterwards for selection.

The following menu items provide specific functions for music playback:

▸ **Album play:** Plays the full album of the current song, typically used when in random play mode.

Random play can be accessed by pressing the Mix button on the radio or from the 'Extra' menu (this function is available on touchscreen radios only).

When an artist is selected the PLAY menu item plays all the songs from the given artist, the ALL menu lists all the songs from the given artists. The albums from the artist are listed as separate items afterwards.

When an album is selected, all the songs from the given album are listed as separate items afterwards.

Listening and managing DAB (Optional DAB+G accessory is required)

After the DAB radio source is selected, you will see the 'DAB Stations' menu in the main menu of the Gateway. Here you can find the following options:

▸ **All stations:** Here you can find all the available stations based on the previous scan.

▸ **Favourites:** Your favourite DAB stations. By pressing and holding the Fast forward button for 3 seconds while listening to a station, you can add it as a favourite. To remove it from the favourite list, press the Fast rewind button. You can also select the 'Delete favourites' option in the 'Favourite stations' menu, with this method you will remove all the stations from the list.

▸ **DAB scan:** If you select this option the device will do a full DAB scan and then start playing the first available station (in alphabetical order).

Please note: When travelling frequently between different locations it is recommended to rescan all the stations since the items in the previously saved list might not be available anymore. After the scanning only the 'All stations' list will be refreshed. The existing favourites list remains unchanged.

▸ **Service following:** The device has service following support so the currently played station might be available even after moving from the area where the station was originally broadcasted on a different frequency.

Settings menu

Volume
This menu allows you to set different volumes in the system:

▸ iPod, USB, AUX, Bluetooth volumes for music playback

▸ Phone and microphone volume for hands free calls

Phonebook
Here you can switch off the automatic download of the phonebook, which is needed is case of certain phone models.

Phonebook display order
Here you can set how you would like the names to be displayed: based on first or last name order (the names are listed alphabetically in both options)

Paired phone
Previously paired phone names (ID) will be listed here, but only the last four. You can perform pairing from this menu too by selecting the phone from the list.

Hotkeys
You can assign the CD selector buttons (between 2-5) to the desired folder

e.g. album, song or menu position. To do so, please follow the below steps:

▸ Select the 'Set CD' option in the 'Hotkey' menu.
▸ Navigate to the desired menu or music item you want to set as hotkey.
▸ Press and hold for 3 seconds any of the buttons from CD2-CD5 you want to assign as hotkey. You will see the 'Stored' message on your display.

Bluetooth audio
In case you want to play music via A2DP from your mobile phone, turn the Bluetooth audio option on.

Please note: After changing the setting options you need to turn the Gateway off completely in order to load the system with the new settings.

10. USING THE PHONE MENU

On **Business Radio** press the R/T and then the Speech button on the steering wheel in order to reach the phone menu. The phone menu can be selected on **radios with MID display** by pressing the TEL button on the radio, then pressing the Menu button. If you have **Navigation system**, you need to press the Menu button then select the Phone option. Use the Next / Previous track buttons on the steering wheel or the Up / Down navigation buttons on the radio for browsing.

In order to select a menu item press the OK button (short press of the Speech button on Business) or press the Back button (long press of the Speech button on Business) on the head unit to return to the previous level.

▸ **Phonebook:** You can select a phone number from your address book to initiate a call. Contacts are shown in alphabetical groups, followed by all contacts in alphabetical order.
▸ **Received / Missed / Dialled call:** Provides access to the respective call logs.
▸ **DISCONNECT:** Disconnects the connected phone.

Please note: For consistency reasons the Gateway Pro BT does not store the phone numbers therefore your phone is synchronized every time it connects to the Gateway (this only takes a few seconds). Synchronization is possible for up to 1000 phone numbers only from the phone's memory (entries with multiple phone numbers synchronize as multiple entries).

Receiving, making phone calls and dialling

When receiving an incoming call, the caller number (if provided) or the corresponding contact name in your phonebook is displayed. You can answer the call by a short press of the Phone button on the radio or the Speech button on the steering wheel if you have Business system. The music or radio gets muted and the audio of the call is directed to the speakers.

You can reject an incoming call by long-pressing the Phone button or the Speech button on the steering wheel in case of Business System.

To initiate a call, please select the phone number or contact from the phonebook or call logs in the phone menu and press the Phone or Speech button (Business system). You can hang up an ongoing call if you press the Phone button or the Speech button (Business).

Dialling a phone number is only possible if you have Navigation system. Use your rotary knob for dialling a number and press the Phone button for initiate a phone call.

11. DISCLAIMER

All photos / illustrations are for representative purposes only and may differ visually from the equipment in your vehicle. If your Dension product begins to behave in an unpredictable way, please immediately disconnect it physically and have it checked by a qualified electronics technician. Dension and its authorized distributors, as well as retailers are not liable for any incidental, consequential or indirect damages or loss and do not assume liability for any diagnostic fees. Using handheld devices while driving may be subject to government legislations. Please make sure that using a Dension device is in line with the applicable traffic laws.

Dension does not assume liability for events resulting from any illegal or irresponsible usage of these handheld devices.

Dension reserves the right to modify its products or specifications without prior notice.

12. 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 by negligence, improper installation or operation. For warranty claims, proof of purchase is required.

13. UPDATE AND SUPPORT

If you need further assistance in using your Dension product, please contact your local supplier or visit our website www.dension.com

For technical support please contact us through the listed possibilities on www.dension.com/automotive/support

Please also check the download section for the latest firmware version and product documentation, as these may provide additional features or easier product usage.

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