

**For updates and to suggest additions to this manual please see the following thread:**

<http://www.mp3car.com/vbulletin/mp3car-infill-g4-double-din-car-computer/102363-infill-g4-manual.html>

**To read more about the MP3Car Infill G4 please see the following sub-forum:**

<http://www.mp3car.com/vbulletin/mp3car-infill-g4-double-din-car-computer/>

# CHAPTER 1 – Notes Before Using the System

## Manual Overview

This manual mainly describes information related to the hardware, such as the names of parts for the G4 or precautions for use. Please read this manual and all other enclosed manuals before using your G4.

### **Information to User**

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

### **To avoid battery exhaustion**

Be sure to run the vehicle engine while using the G4. Using the G4 without running the engine can result in battery drainage.

**Do not use with vehicles that do not feature an ACC position.**

### **To ensure safe driving**

#### **Parking brake interlock**

Certain functions offered by G4 could be dangerous if used while driving. To prevent them being from used while in motion, there is an interlock with your vehicle's parking brake (**Parking brake interlock**). If you attempt to use these functions during driving, they may be inoperable.

If so, stop in a safe place, apply the parking brake, then operate.

## **WARNING**

- Do not attempt to install or service your system by yourself. Installation or servicing of the system by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock or other hazards.

- If liquid or foreign matter should get inside this system, turn off the power immediately and consult your dealer. Do not use the system in this condition because doing so may result in a fire, electric shock, or other failure.

- If you notice smoke, a strange noise or smell from the system, or any other abnormal signs on the LCD screen, turn off the power immediately and consult your dealer. Using this system in this condition may result in permanent damage to the system.

- Do not disassemble or modify this system, as there are high-voltage components inside which may cause an electric shock. Be sure to consult your dealer for internal inspection, adjustments or repairs.

- This product contains mercury. Disposal of this material may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance: [www.eiae.org](http://www.eiae.org).

- Do not allow this product to come into contact with liquids. Electrical shock could result. Also, damage to the product, smoke, and overheating could result from contact with liquids.

## Notice to the Operator of the Vehicle

- The navigation features of the G4 and optional rear camera are intended solely as an aid in operating the vehicle. They are not meant as a substitute for your attentiveness, care, and good judgment while driving.
- Do not operate the G4 (or the rear view camera option if purchased) if doing so in any way will divert your attention from the safe operation of your vehicle. Always observe safe driving rules and follow all existing traffic regulations. If you experience difficulty in operating the system or reading the display, park your vehicle in a safe location and apply the parking brake before making the necessary adjustments.
- Never allow others to use the system unless they have read and understood the operating instructions.
- Never use the navigation system to route to hospitals, police stations, or similar facilities in an emergency. Please call 911 without using the hands-free features of the G4.
- Route and guidance information displayed by this equipment is for reference purposes only. It may not accurately reflect the latest permissible routes, road conditions, one way streets, road closures, or traffic restrictions.
- Traffic restrictions and advisories currently in force should always take precedence over guidance given by the navigation system. Always obey current traffic restrictions, even if the navigation system provides contrary advice.
- Never set the volume of your navigation system so high that you cannot hear outside traffic and emergency vehicles.
- To promote safety, certain functions are disabled unless the vehicle is stopped and/or the parking brake is applied.
- The data encoded in the hard disc drive is the intellectual property of the provider, and the provider is responsible for such content.
- Keep this manual handy as a reference for operating procedures and safety information. Pay close attention to all warnings in this manual and follow the instructions carefully.
- Do not install the display where it may (i) obstruct the driver's vision, (ii) impair the performance of any of the vehicle's operating systems or safety features, including air bags, hazard lamp buttons or (iii) impair the driver's ability to safely operate the vehicle.
- Please remember to wear your seat belt at all times while operating your vehicle. If you are ever in an accident, your injuries can be considerably more severe if your seat belt is not properly buckled.
- Never use headphones while driving.

**THE LIGHT GREEN LEAD AT POWER CONNECTOR IS DESIGNED TO DETECT PARKED STATUS AND MUST BE CONNECTED TO THE POWER SUPPLY SIDE OF THE PARKING BRAKE SWITCH. IMPROPER CONNECTION OR USE OF THIS LEAD MAY VIOLATE APPLICABLE LAW AND MAY RESULT IN SERIOUS INJURY OR DAMAGE.**

- To avoid the risk of accident and the potential violation of applicable laws, this product should never be used while the vehicle is being driven except for navigation purposes and music playback functionality. Also, no part of the G4 should be in a location where it is a visible distraction to the driver.

- In some countries or states the viewing of images on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed and the product's "Video image" features should not be used.

The G4 detects whether your vehicle's parking brake is engaged or not, and prevents you from watching any video image on the display while driving. When you attempt to watch a DVD or TV, the warning:

**Module not available while in motion!**

To watch a video image on the display, park your vehicle in a safe place and apply the parking brake.

### **About the rear view camera:**

With an optional rear view camera (sold separately) you are able to use the G4 as an aid to keep an eye on trailers, or while backing up.

### **WARNING**

- **SCREEN IMAGE MAY APPEAR REVERSED.**
- **USE INPUT ONLY FOR REVERSE OR MIRROR IMAGE REAR VIEW CAMERA. OTHER USE MAY RESULT IN INJURY OR DAMAGE.**

### **CAUTION!**

- The rear view camera function is to be used as an aid to keep an eye on trailers, or while backing up. Do not use for entertainment purposes.
- Please note that the edges of the rear view camera images may differ slightly according to whether full screen images are displayed when backing up, and whether the images are used for checking the rear when the vehicle is moving forward.

# Features

## Touch panel key operation

The product can be operated by use of the touch screen on the front face or by the use of the buttons on the surrounding bezel.

## Built-in navigation system

The map data required for the navigation function is stored in the hard disc drive. There is no need to use navigation CDs to utilize the map data.

## Music Library

You can record music to you hard disc drive from CD and play back from the music library.

## CD recording

For a typical CD, one CD can be recorded in approximately 15 minutes. It is also possible to listen to the song being recorded while recording.

## DVD-Video playback

It is possible to play back DVD-Video, DVD-R (video mode) and DVD-RW (video mode). Remember that use of the G4 system for commercial or public viewing purposes may constitute an infringement on the author's rights protected by the Copyright Law.

## CD playback

Music CD/CD-R/CD-RW playback is possible.

## MP3 file playback

It is possible to play back MP3 files recorded on CD-ROM/CD-R/CD-RW (ISO9660 Level 1/Level 2 standard recordings).

- Supply of the G4 only conveys a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue- generating) real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications.

An independent license for such use is required. For details, please visit <http://www.mp3licensing.com>.

## NTSC compatibility

The G4 is NTSC system compatible. More specifically, the RCA video outputs are NTSC compatible. When connecting other components to the G4, be sure components are compatible with the same video system or else images will not be correctly reproduced.

## iPod® compatibility

When you use this navigation system with an iPod® adapter, you can control an iPod® with Dock connector.

- iPod® is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.

## Bluetooth® technology compatibility

When you use the G4 with the MP3Car.com Bluetooth device, a mobile phone that features Bluetooth® technology can be connected wirelessly.

- The mobile phone used must be Bluetooth® capable.

- When using Bluetooth® wireless technology, the G4 may not be able to operate all of the functions on the mobile phone.

## Notes for Hard Disc Drive

### Recording equipment and copyright

Recording equipment should be used only for lawful copying and you are advised to check carefully what is lawful copying in the country in which you are making a copy. Copying of copyright material such as films or music is unlawful unless permitted by a legal exception or consented to by the right owners.

### When recording please pay attention to these points;

- MP3Car.com and StreetDeck do not compensate for contents that could not be recorded or any loss of recorded data due to a malfunction or failure of the G4.
- The data recorded on the G4 is not allowed to be used without permission from its right holder under copyright law except for personal entertainment.
- Make sure to check the recording operation before recording and check the recorded contents after recording.
- Recording is not guaranteed for all CDs.

### About the data saved or recorded by the customer

- The data saved or recorded onto the G4 by the customer cannot be guaranteed during repair or service. Lost data that was saved or recorded by the customer is not guaranteed.
- Due to copyrights, the music data recorded into the Music Library cannot be backed up during repair or service.

## Notes for LCD Screen

### To protect the LCD screen

- Do not allow direct sunlight to fall on the LCD screen when the device is not being used. Extended exposure to direct sunlight can result in LCD screen malfunction from high temperatures.
- When using a cellular phone, keep the antenna of the cellular phone away from the display. This will help to prevent spots or colored stripes in the video signal.
- Never touch the LCD screen with anything besides your finger when operating the Touch Panel functions. The LCD screen can scratch easily. The supplied stylus is for calibrating the touch screen. Do not use the stylus for normal operation.

### For viewing the LCD comfortably

Due to its construction, the viewing angle of the LCD screen is limited.

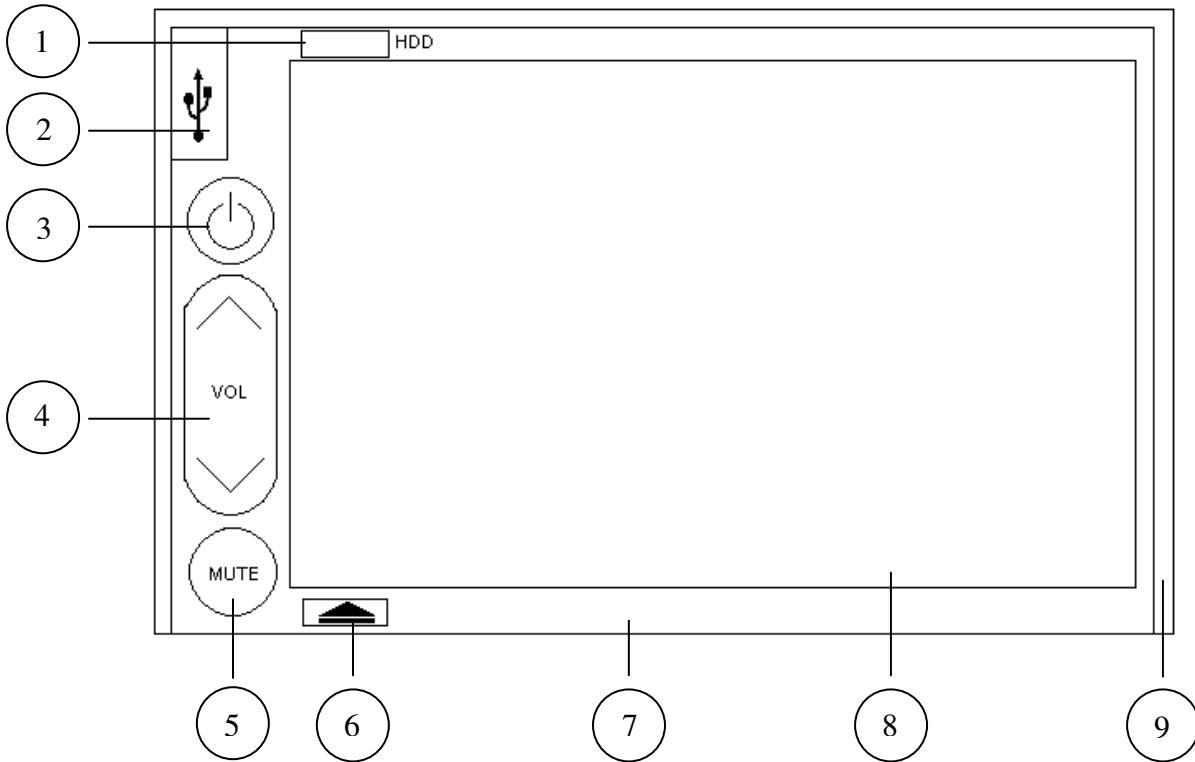
Night and day mode is controlled in StreetDeck settings.

## CHAPTER 2 - How to Use the G4 and Names of the Parts

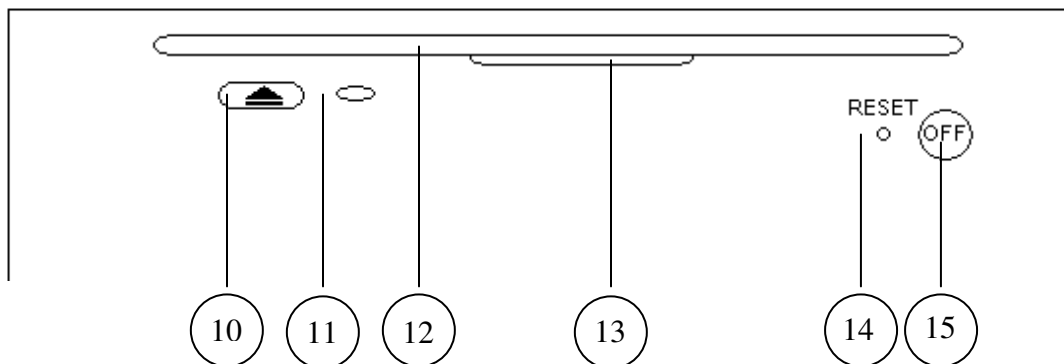
### ***Checking part names and functions***

This section gives information about the names of the parts and main features using the buttons.

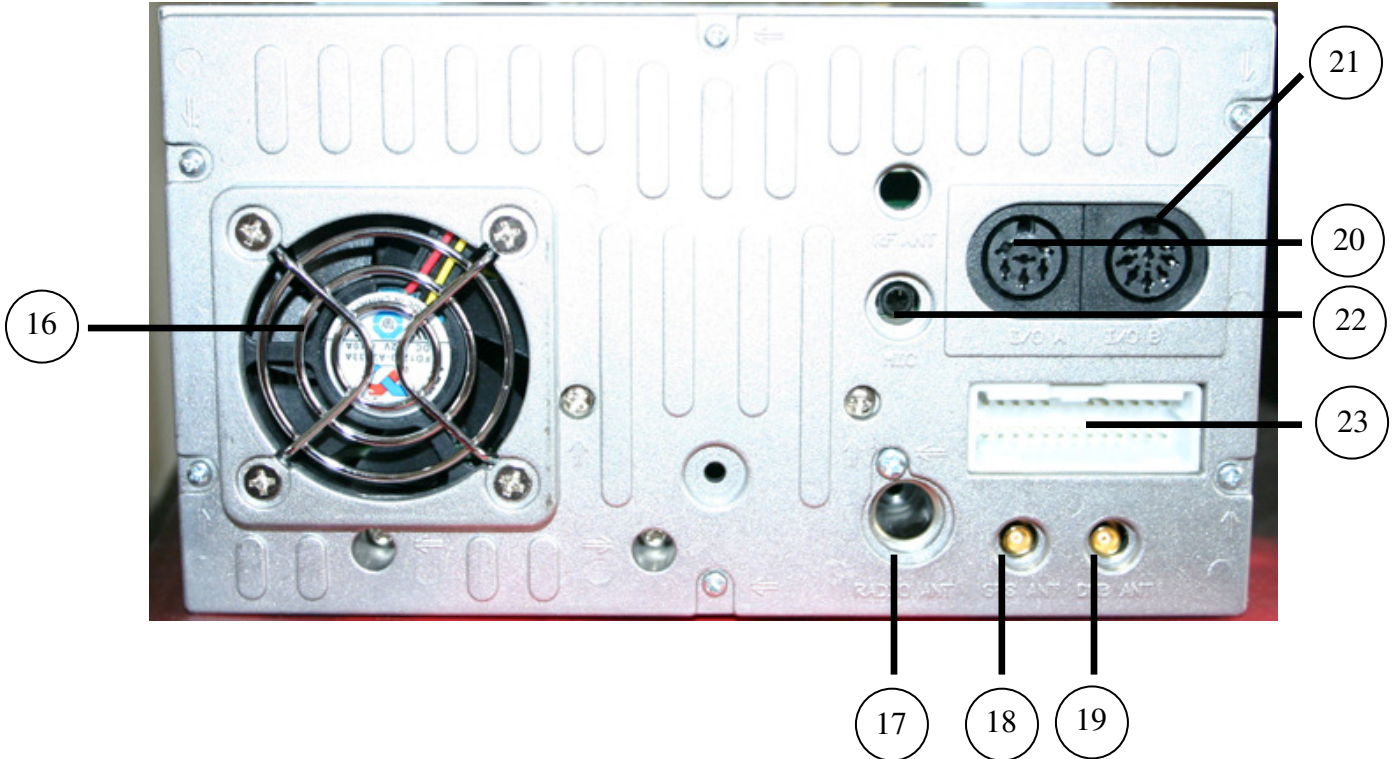
*Img. 1: Front of the G4*



*Img. 2: CD slot behind the screen on the G4*



Img. 3: Photograph of the back of the G4



1. **Hard Disc Drive light**  
This LED will flash when the device is accessing the hard drive.
2. **Front USB 2.0 Port**  
USB port provided to connect any number of external devices. This port can be used to apply StreetDeck updates, Windows updates, or any other software installs and updates.
3. **Power Button**  
This button is used to turn the G4 on and off. This button will cause the G4 to go through a 'soft shutdown'.
4. **Volume Up/Down**  
Pressing on the ^ side of the button will increase the volume of the audio source while pressing on the v side will decrease the volume of the audio source.
5. **Mute Button**  
To mute the master volume, use this button.
6. **Open/Close button**  
Press to automate the screen downward to allow access to the optical drive.
7. **LCD Bezel**  
The outer bezel for the G4.
8. **LCD Touch Screen**  
Main screen for the G4.
9. **Product Casing**  
The outer casing for the G4.
10. **Optical Drive Eject**  
Press to eject the disc from the disc loading slot.
11. **Optical Drive Activity light**  
This light will blink while the drive is accessing the media that is inserted.
12. **Optical Drive Slot**  
Insert a disc to play. DVD, CD, CD-R, CD-RW, DVD+/-R

### 13. G4 Activity Light

This light shows the status of the G4. It also serves to assist in locating the optical drive slot in low light situations.

### 14. Master Reset Button

If the G4 needs to be hard reset, use the provided stylus here. The reset button is used only in the event of a system lock-up or at the direction of Technical Support.

### 15. Master Off button

Like most computers, this device has a master off button. Use this button to turn the G4 off. This will cause the G4 to do a 'hard shutdown'.

### 16. Case Fan

As is the case with most other computers, the G4 includes a case fan on the back side of the case. This fan should be in a position with the most access to free flowing air. While this might be difficult when considering the location the G4 will be installed, it should be taken into account when running wire behind the unit.

### 17. Radio Antenna Connection

This antenna connection requires a male Motorola type antenna or antenna adapter. This antenna can be either of the power or non-powered type.

### 18. GPS Antenna Connection

Port for the GPS antenna provided with the G4. This connector is of the type MCX. The GPS antenna end is MCX male while the port on the G4 is MCX female.

### 19. DMB Antenna Connection

DMB is not supported in the US version of the G4. This port is not operational on G4s purchased from the MP3Car.com store.

### 20. I/O A Connection

The I/O A connection is where the dongle with the center and sub RCA connectors and the rear cam and TV out dongle is connected. Be careful to not force the A dongle into the B connection as some pins might be bent in the process.

### 21. I/O B Connection

The I/O B connection is where the dongle with the USB 2.0 connectors is connected. Be careful to not force the B dongle into the A connection as some pins might be bent in the process.

### 22. Mic In

This port is to be used as a microphone in port. It will accept a 1/8" jack and is stereo (rather than mono).

### 23. Wiring Harness Connection

This is where you connect the wiring harness that comes with the G4. It fits in only one way so do not force it.

## About the G4 Power Supply

### How to turn the power on or off

The power to the G4 turns on or off in conjunction with the ignition switch (ACC) of the vehicle. There is also a master power button behind the screen below the optical drive. The "soft power" button that is on the face of the unit will only put the G4 into stand-by. It will not completely turn off the G4.

### Turning the Source Off

- **Press the Master Power button and hold until the source turns off.**

- The G4 can also be switched off by turning the ACC (ignition) OFF.

### Smart Power Supply Information

The G4 has a smart, automotive power supply built in. This power supply has a built in low voltage threshold. Depending on the age and capacity of your battery, standby time may last from 4-72 hours. If you want to ensure your G4 never has a hard power off set your StreetDeck shutdown options to 'hibernate' or 'power off'.

*Ignition off* – computer goes into standby.

*Low voltage* – computer power gets cut causing a fresh reboot on startup.

## Inserting a disc

### 1. Press the OPEN/CLOSE button.

The LCD panel opens, and the disc loading slot appears.

- To close the LCD panel, press the **OPEN/CLOSE** button again.

### 2. Insert a disc into the disc loading slot.

If you insert a disc, G4 should start playing the media automatically.

- When the ignition switch is turned off (ACC OFF) with the LCD panel open, the LCD panel remains open. Always make sure to close the LCD panel before turning the ignition switch off.

## WARNING!

- **When opening, closing and adjusting the angle of the LCD panel, be careful not to get your finger caught.**

- **Do not use with the LCD panel left open. If LCD panel is left open, it may result in injury in the event of an accident.**

- **Do not open and close the LCD panel with hands by force. This may cause a malfunction or damage the equipment.**

- **Do not operate the G4 until the LCD panel completely opens or closes. If the G4 is operated while the LCD panel is**

**opening or closing, the LCD panel may stop at that angle for safety.**

- **Do not place a glass or a can on the G4 when the LCD panel is open. Doing so may break the G4.**

- **Do not insert anything other than a compact disc (CD) or digital video disk (DVD) into the disc loading slot.**

The built-in DVD drive plays one, standard, 12-cm or 8-cm (single) disc at a time. Do not use an adapter when playing 8-cm discs.

- If you cannot insert a disc completely or if a inserted disc is not recognized, check that the label side of the disc is up. Press the **EJECT** button to eject the disc, and check the disc for damage before inserting the disc again.

- If the built-in DVD drive does not operate properly, an error message may be displayed. If this happens, remove the disc. This is an indication that the disc that has been inserted is not compatible with the G4.

### 1 Press the OPEN/CLOSE button.

The LCD panel opens.

### 2 Press the EJECT button.

The disc is ejected.

### 3 Press the OPEN/CLOSE button.

The LCD panel closes.

## APENDIX

### Playable discs

DVD and CD discs that display the logos shown below generally can be played back on this built in DVD drive.

### DVD-Video



### CD



• It is not possible to play back DVD audio discs. This DVD drive may not be able to play all discs bearing the marks shown above.

### DVD-Video disc region numbers

DVD-Video discs that have incompatible region numbers cannot be played on this DVD drive.

The illustration below shows the regions and corresponding region numbers.



- *Region 1* - The U.S., U.S. territories and Canada
- *Region 2* - Europe, Japan, the Middle East, Egypt, South Africa, Greenland
- *Region 3* - Taiwan, Korea, the Philippines, Indonesia, Hong Kong
- *Region 4* - Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
- *Region 5* - Russia (former U.S.S.R. ok), Eastern Europe, India, most of Africa, North Korea, Mongolia
- *Region 6* - China

### DVD Drive Use and Care

- Use only normal, round discs. If you insert irregular, non-round shaped discs they may jam in the DVD drive or not play properly.
- Check all discs for cracks, scratches or warping before playing. Discs that have cracks or scratches, or those that are warped may not play properly. Do not use such discs.
- Avoid touching the recorded (non-printed side) surface when handling the disc.
- Store discs in their cases when not in use.
- Keep discs out of direct sunlight and do not expose the discs to high temperatures.
- Do not attach labels to, write on or apply chemicals to the surface of the discs.
- To clean dirt from a disc, wipe the disc with a soft cloth outward from the center of the disc.
- If the heater is used in cold weather, condensation may form on components inside the DVD drive. Condensation may

cause the DVD drive to operate incorrectly. If you think that condensation is a problem, turn off the DVD drive for approximately one hour to allow the DVD drive to dry out. Also wipe any damp discs with a soft cloth to remove the moisture.

- Road shocks may interrupt disc playback.

### **DVD discs and other DVD media types**

- It may not be possible to use certain functions with some DVD-Video discs.
- It may not be possible to play back some DVD video discs.
- When DVD-R/DVD-RW discs are used, playback is possible only for discs which have been finalized.
- When DVD±R/DVD-RW discs are used, playback is possible only for discs which have been recorded in Video format (video mode). It is not possible to play back DVD-RW discs which have been recorded in Video Recording format (VR mode).
- It may not be possible to play back DVD±R/DVD-RW discs which have been recorded in Video format (video mode) because of disc characteristics, scratches or dirt on the disc, or dirt, scratches or condensation on the lens of this product.
- Playback of discs recorded on a personal computer may not be possible depending on the application settings and the environment. Please record with the correct format. (For details, contact the manufacturer of the application.)

### **About playing Dual Disc**

- Dual Discs are two-sided discs that have a recordable CD for audio on one side and a recordable DVD for video on the other.
- Playback of the DVD side is possible with this unit. However, since the CD side of Dual Discs is not physically compatible with the general CD standard, it may not be possible to play the CD side with this navigation system.

- Frequent loading and ejecting of a Dual Disc may result in scratches on the disc.

- Serious scratches can lead to playback problems on the G4. In some cases, a Dual Disc may become stuck in the disc loading slot and will not eject. To prevent this, we recommend you refrain from using Dual Disc with the G4.

- Please refer to the manufacturer for more detailed information about Dual Discs.

### **CD±R/CD-RW discs**

- When CD±R/CD-RW discs are used, playback is possible only for discs which have been finalized.

- It may not be possible to play back CD±R/CD-RW discs recorded on a music CD recorder or a personal computer because of disc characteristics, scratches or dirt on the disc, or dirt, scratches or condensation on the lens of this product.

- Playback of discs recorded on a personal computer may not be possible, depending on the application settings and the environment.

Please record with the correct format. (For details, contact the manufacturer of the application.)

- Playback of CD±R/CD-RW discs may become impossible with direct exposure to sunlight, high temperatures, or depending on the storage conditions in the vehicle.

- Titles and other text information recorded on a CD±R/CD-RW disc may not be displayed by this product (in the case of audio data (CD-DA)).

- If you insert a CD-RW disc into this product, time to play back will be longer than when you insert a conventional CD or CD±R disc.

- Read the precautions with CD±R/CD-RW discs before using them.

## MP3 files

- When naming an MP3 file, add the corresponding filename extension (.mp3).
- The G4 plays back files with the filename extension (.mp3) as MP3 files. To prevent noise and malfunctions, do not use this extension for files other than MP3 files.
- MP3 is short for MPEG Audio Layer 3 and refers to an audio compression technology standard.
- This product allows playback of MP3 files on CD-ROM, CD±R and CD-RW discs. Disc recordings can be played back if they are compatible with level 1 and level 2 of ISO9660 and with the Romeo and Joliet file system.
- It is possible to play back multi-session compatible recorded discs.
- MP3 files are not compatible with packet write data transfer.
- The maximum number of characters are 32 characters including extension (.mp3). But the navigation system incorporates the proportional font. Therefore, the number of the characters which you can display varies according to the width of each character.
- When playing discs with MP3 files and audio data (CD-DA) such as CD-EXTRA and MIXEDMODE CDs, both types can be played only by switching mode between MP3 and CD-DA.
- Some audio CDs contain tracks that merge into one another without a pause. When these discs are converted to MP3 files and burned to a CD±R/CD-RW/CD-ROM, the files will be played back on this player with a short pause between each one, regardless of the length of the pause between tracks on the original audio CD.
- Files are compatible with the ID3 Tag Ver. 1.0 and Ver. 1.1 formats for display of album (disc title), track (track title) and artist (track artist).
- There is no compatibility with the MP3i (MP3 interactive) or MP3 PRO formats.

- The sound quality of MP3 files generally becomes better with an increased bit rate. This product can play recordings with bit rates from 8 kbps to 320 kbps, but in order to be able to enjoy sound of a certain quality, we recommend using only discs recorded with a bit rate of at least 128 kbps.

## WARNING!

- Despite the careful design of the G4, as a result of mechanical wear, ambient conditions for use, or handling of the disc, small scratches that do not affect actual operation may appear on the disc surface. This is not a sign of the malfunction of this navigation system. Consider it to be normal wear and tear.

## Using the LCD panel Correctly

### Handling the LCD panel

- **Be careful of fingers, long hair, and loose articles of clothing which could possibly get caught between the LCD panel and the main body and cause serious injury.**
- When the LCD panel is subjected to direct sunlight for a long period of time, it will become very hot, resulting in possible damage to the LCD screen. When not using this navigation system, avoid exposing it to direct sunlight as much as possible.
- Do not place anything on the LCD panel when it is deployed. Also, do not attempt to carry out angle adjustment, or open/close the LCD panel by hand. Applying strong force to the LCD panel may damage it.
- Never touch the LCD screen with anything besides your finger when operating the Touch Panel functions. The LCD screen can scratch easily. (The stylus is supplied for special calibrations. Do not use the stylus for normal operation.)
- Be careful not to place anything between the LCD panel and the main body when the

LCD panel is closing. If an object gets between the LCD panel and main body, the LCD panel may stop working.

## **About liquid crystal display**

### **(LCD) screen**

- If the LCD panel is near the vent of an air conditioner when it is opened, make sure that air from the air conditioner is not blowing on it.

Heat from the heater may break the LCD screen, and cool air from the cooler may cause moisture to form inside the this product, resulting in possible damage. Also, if the LCD panel is cooled down by the air conditioner, the LCD screen may become dark, or the life span of the small fluorescent tube used inside the LCD panel may be shortened.

- Small black dots or white dots (bright dots) may appear on the LCD screen. These are due to the characteristics of the LCD screen and do not indicate a problem with the G4.

- At low temperatures, the LCD screen may be dark for a while after the power is turned on.

- The LCD screen will be difficult to see if it is exposed to direct sunlight.

- When using a portable phone, keep the antenna of the portable phone away from the navigation system to prevent disruption of the video with disturbances such as spots or colored stripes.

## **Keeping the LCD screen in good condition**

- When removing dust from the LCD screen or cleaning the LCD screen, first turn the system power off, then wipe with the soft dry cloth.

- When wiping the LCD screen, take care not to scratch the surface. Do not use harsh or abrasive chemical cleaners.

## Specifications

### General

|   |   |
|---|---|
| Rated power source.....                     | 14.4 V DC<br>(10.8 V to 15.1 V allowable)         |
| Grounding system.....                       | Negative type                                     |
| Maximum current consumption.....            | 15 A  |
| Standard current consumption.....           | 3.5 A   |
| Standby current consumption.....            | 130 mA  |
| Hibernate current consumption.....          | 100 mA  |
| Standard off current consumption.....       | 70 mA   |
| Dimensions (W × H × D):<br>DIN Chassis..... | 176 × 100 × 190.5 mm<br>(7 × 3-15/16 × 7-1/2 in.) |
| HDD.....                                    | 40 GB   |

### Navigation

#### GPS antenna:

|                                 |                      |
|---------------------------------|----------------------|
| Antenna cable .....             | 3.0 m (9 ft. 10 in.) |
| Dimensions (W × H × D)<br>..... | 37 × 9 × 41 mm       |

### Display

|  |                        |
|--|------------------------|
| Screen size/aspect ratio...6.5 inch wide/16:9<br>(Effective display area: 144 × 77 mm)<br>(5-5/8 × 3-1/16 in.) |                        |
| Pixels .....   | 384,000<br>(800 × 480) |
| Type .....   | TFT active matrix      |
| Color system.....  | NTSC                   |
| Angle adjustment.....  | 7 different angles     |

### Audio

Continuous power output is 22 W per channel minimum into 4 ohms, both channels driven 50 Hz to 15 000 Hz with no more than 5% THD.

|                               |          |
|-------------------------------|----------|
| Maximum power output .....    | 44 W × 4 |
| Load impedance.....           | 4 Ω      |
| Pre-out max output level..... | 2.5 V    |

### DVD Drive

|  |   |
|--|---|
| Drive.....                                 | Matshita CD-RW CW-8124B                               |
| Write Speeds.....                          | CD-R 24X,<br>CD-RW 24X                                |
| Read Speeds.....                           | DVD-ROM 8X,<br>CD-ROM 24X                             |
| Buffer Size.....                           | 2 MB  |
| Loading Method.....                        | Slot Load   |
| Usable discs.....                          | DVD-Video, Compact<br>disc, MP3, CD-R, CD-RW, DVD+/-R |
| Region number .....                        | 1<br>No support is provided for region changes.       |
| Signal format:<br>Sampling frequency ..... | 44.1/48/96 kHz  |

### FM tuner

|                      |                     |
|----------------------|---------------------|
| Frequency range..... | 87.5 MHz to 109 MHz |
|----------------------|---------------------|

### AM tuner

|                      |                                  |
|----------------------|----------------------------------|
| Frequency range..... | 153 kHz to 1,710 kHz<br>(10 kHz) |
|----------------------|----------------------------------|

### USB Hub

All USB ports on the G4 are USB 2.0

**Note:**

Specifications and design are subject to possible modifications without notice due to improvements.

## Wiring Harness Specifications

- *Green/Black* - Rear Left Negative Speaker lead
- *Green* - Rear Left Positive Speaker lead
- *White/Black* - Front Left Negative Speaker lead
- *White* - Front Left Positive Speaker lead
- *Purple/Black* - Rear Right Negative Speaker lead
- *Purple* - Rear Right Positive Speaker lead
- *Gray/Black* - Front Right Negative Speaker lead
- *Gray* - Front Right Positive Speaker lead
- *Light Green* - Reverse Gear Detection lead. This lead must be connected for the G4 to switch automatically to view the rear view camera. This lead needs to see +12v.
- *Orange/White* - Illumination lead. Wire this lead up to the illumination wire on the car. This wire needs to see +12 volts when the parking lights of the car are activated.
- *Pink* - Attenuator. This will cause the radio to mute when the cell phone rings when used in conjunction with a cell phone kit. Currently this feature is non-functional.
- *Brown* - Remocom - This is for steering wheel control. An adapter for the particular vehicle might be needed. Currently this feature is non-functional.
- *Blue* - Antenna Turn On. If the vehicle has a powered antenna (an antenna that is motorized), this lead will need to be hooked up. It will cause the antenna in the car to extend and retract when the radio is accessed.
- *Light Blue* - Hand Brake. This lead needs to be wired up as a safety feature. It will sense when the hand brake is applied and will cause certain features of the software to be enabled when engaged.
- *Blue/White* - Amplifier Turn On. This lead is used to sent the remote turn on signal to your amplifiers if you are running any.
- *Red* - Accessory. This wire must be connected to an accessory wire within the vehicle. This wire senses when the ignition is turned on and will cause a turn on and turn off signal to be sent to the G4.
- *Yellow* - Power. This wire must be connected to the battery in the car. Do **NOT** splice this wire into a wire of a smaller gauge. Doing so will risk the unit not operating properly and could cause an electrical fire. If the wire in the factory harness is the EXACT same gauge as the wire on the G4 harness, splicing into it will suffice.
- *Black* - Ground. This wire must be connected to the battery in the car. Do **NOT** splice this wire into a wire of a smaller gauge. Doing so will risk the unit not operating properly and could cause an electrical fire. If the wire in the factory harness is the EXACT same gauge as the wire on the G4 harness, splicing into it will suffice.

## Support Information

- For support related questions please contact the MP3Car.com Customer Support line: 410-526-2852

- There is also an online forum for discussions and questions related to the G4 hardware found here:

<http://www.mp3car.com/vbulletin/mp3car-infill-g4-double-din-car-computer/>

- For questions relating to the StreetDeck software, please visit this sub-forum:

<http://www.mp3car.com/vbulletin/streetdeck/>

- This owner's manual can be found online here:

<http://www.mp3car.com/vbulletin/downloads.php?do=file&id=6>

- The StreetDeck owner's manual can be found online here:

[http://www.streetdeck.com/StreetDeck\\_manual.pdf](http://www.streetdeck.com/StreetDeck_manual.pdf)