harman/kardon®
drive + play™ 2

Main Menu
- iPod
- Sirius Satellite Radio
- Phone
- Slideshow
- Settings

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Quick-Start Guide

Important!

⚠️

WARNING: Operation of any feature of this device while driving could be dangerous. Always be careful and attentive to your vehicle and the traffic around you. Obey all traffic laws and observe safe driving practices.

Do not connect or disconnect your portable music player or program the Drive + Play 2 system while driving. Always pull off the road and park in a safe position before browsing your portable music player or adjusting the settings on the Drive + Play 2 system.

Do not use headphones while operating any vehicle. The Drive + Play 2 system audio output is not suitable for driving headphones and is intended to output a signal appropriate for an audio system's line-level input jack or FM antenna input.

Important!

Connecting the iPod®
Always hold the Drive + Play 2 system's iPod dock connector by its sides and gently insert (or remove) the dock connector. Never use excessive force to insert or remove the connector, or damage to your iPod may occur.

Lost Data
Harman Kardon is not responsible for any lost data when using the Drive + Play 2 system. Be sure to back up the audio data files on your computer.

About Installation
IMPORTANT: The Drive + Play 2 system should be installed according to these instructions and relevant federal, state or local laws and regulations, which the purchaser should determine prior to installation or use. For safety reasons, do not attempt to disable any safety function incorporated in this device. Any alteration of this device may cause serious injury and shall void the warranty.

Although we recommend professional installation for your Harman Kardon Drive + Play 2 system, this product is also designed for do-it-yourself installation, especially when using the wireless FM transmission method. The enclosed instructions explain how to install the Drive + Play 2 system in a general sense, but they do not show the exact methods for your particular vehicle. After reading this guide, if you feel uncomfortable in performing the necessary steps to install the product, consider asking your car-audio dealer about professional installation options.

Warranty Information
Drive + Play 2 is warranted against defects. The duration of the warranty depends on the laws in the country in which it was purchased. Your local Harman Kardon retailer can help you determine the length of your warranty. To register your product, please visit us at: www.harmankardon.com

Your Package Should Include:

Cigarette Lighter Hub	Display Screen	Adhesive Mounting Pads (2)
Lighter Extension Cable	Display Cable	Alcohol Cleaning Pads (2)
Hard-Wire Power Cable	Display Mounting Base	Mounting Screws (10)
Audio Cable	Wired FM Transmitter Adapter	Hex Keys (1.5mm and 3mm)
USB Adapter	Wireless Control Knob	Quick-Start Guide
iPod Cable	CR2032 Battery	Warranty Card

Choose the Display Location

▲ Select Display Mounting Location

Change Display Base Mount **only** if needed for your chosen mounting location
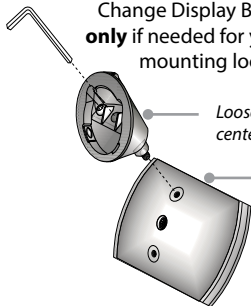
Loosen 3mm screw in center of the base.

Move base to the top mounting hole.

Tighten screw again to secure base.

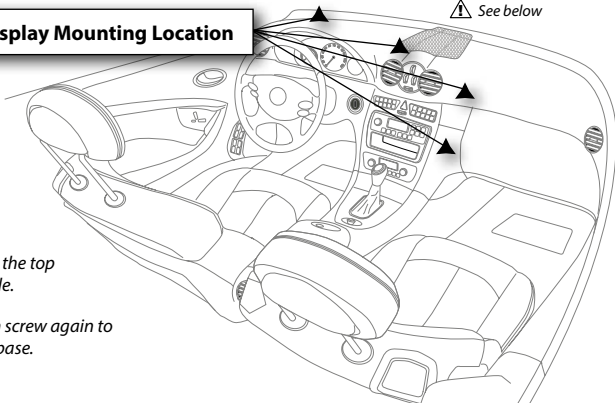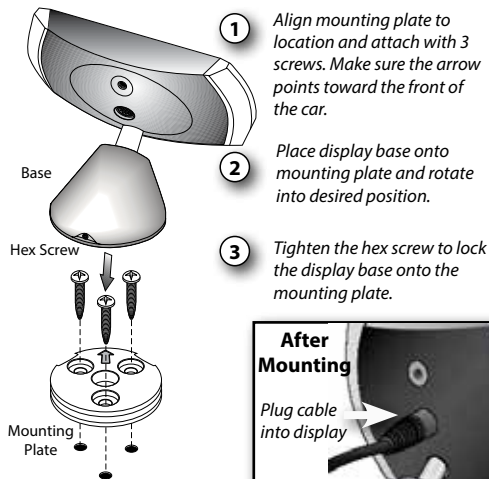⚠ *The installation of this device between the driver and the windshield or otherwise in any manner that obstructs the driver's clear view of the road or traffic conditions is dangerous and may be prohibited by law. Do not install this device in any manner that impairs the safe operation of the vehicle.*

The display should be positioned to eliminate glare and reflections, and should be as close as possible to the driver's normal line of sight, as long as such positioning does not otherwise obstruct the driver's view or impair the safe operation of the vehicle. Do not place device on the vehicle's dashboard unsecured. Do not install this device on any air bag panels or in the deployment field of any air bags. For safety reasons, do not attempt to disable any safety function incorporated in this device. Any alteration of this device may cause serious injury and shall void the warranty.
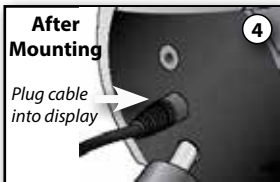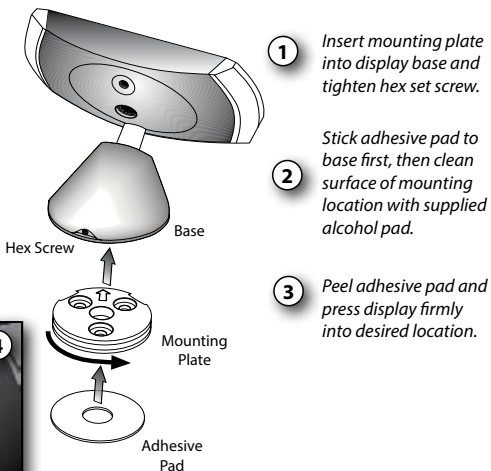
Mounting with Screws

① *Align mounting plate to location and attach with 3 screws. Make sure the arrow points toward the front of the car.*

② *Place display base onto mounting plate and rotate into desired position.*

③ *Tighten the hex screw to lock the display base onto the mounting plate.*

Base

Hex Screw

After Mounting ④

Plug cable into display

Mounting Plate

Mounting with Adhesive Pad

① *Insert mounting plate into display base and tighten hex set screw.*

② *Stick adhesive pad to base first, then clean surface of mounting location with supplied alcohol pad.*

③ *Peel adhesive pad and press display firmly into desired location.*

Base

Hex Screw

Mounting Plate

Adhesive Pad

① ● Select Control Knob Mounting Location

②
Install Control Knob Battery

Use a coin to remove the bottom cover.
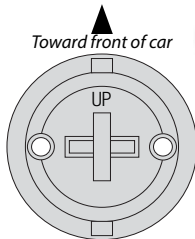
CR2032/DL2032

Toward front of car

UP
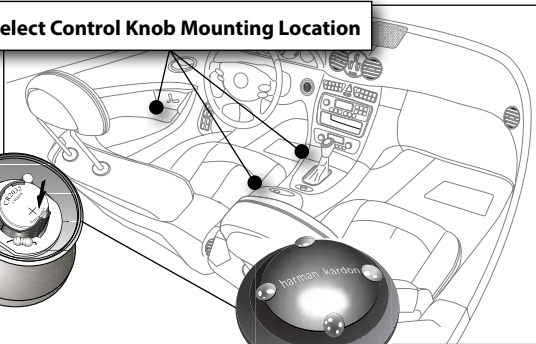
③ Mount Control Knob Base

Orient the base so that the arrow is facing the front of the car.

You can either screw the base to the mounting location or use the supplied adhesive pad.
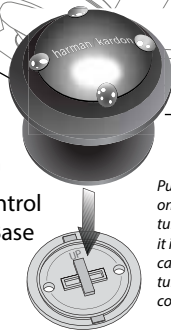
If you use the adhesive pad, you must FIRST CLEAN the surface with the supplied alcohol cleaning pad.
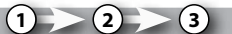
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④
Attach Control Knob to Base

Push the knob down onto the base, and turn clockwise to lock it into place. The knob can be removed by turning the bottom counterclockwise.
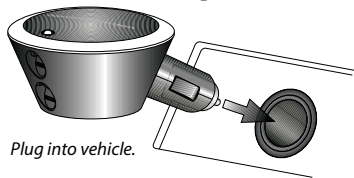
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Power Indicator

1 Direct Cigarette Lighter Plug-In

Plug into vehicle.

Options

2 Cigarette Lighter Extension Cable

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Expansion Port

Display

iPod

Audio Output

Detach lighter stalk.
Stalk fits tightly. Some force is required to separate.

3 Hard-Wired Installation

YELLOW = Constant source of +12V

RED = Switched source of +12v (ACC)

BLACK = Ground

Audio Output Options

1. If using the built-in wireless FM transmitter, leave the audio output jack empty.

2. To wire directly to your vehicle's antenna, plug the supplied FM Transmitter Adapter into the audio output jack. See diagram on next page.

3. To wire into an AUX input, connect the included audio cable's 3.5mm plug to the audio output jack and then into your vehicle's AUX input.

Wired FM Transmitter Adapter Connections

Connect in the line between vehicle antenna and radio.

Plug the adapter into the back of radio or FM tuner location.

① *Plug the adapter into the back of radio or FM tuner location.*

② *Connect FM Transmitter Adapter to Drive + Play 2 System.*

③ *Plug the vehicle's antenna into FM Transmitter Adapter.*
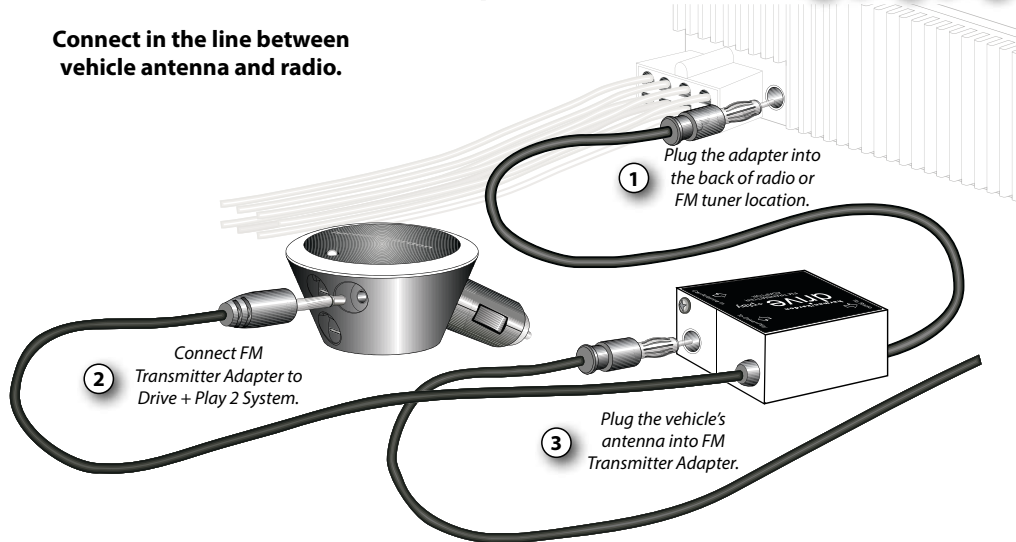
If your car's audio system does not provide an auxiliary input and there is no third-party adapter available, use the Drive + Play 2 system's wired FM Antenna Adapter for the best audio performance.

Using the Control Knob

Rotate ring to move the highlight bar on the screen

Show Previous Menu (Press and hold to show special features)

|◄◄ Previous
◄◄ Press and hold to REWIND

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►►| Next
►► Press and hold to FFWD

Press once to toggle PLAY/PAUSE
► / ❚❚
Press and hold for 2 seconds to turn ON/OFF

Press to select the highlighted menu item
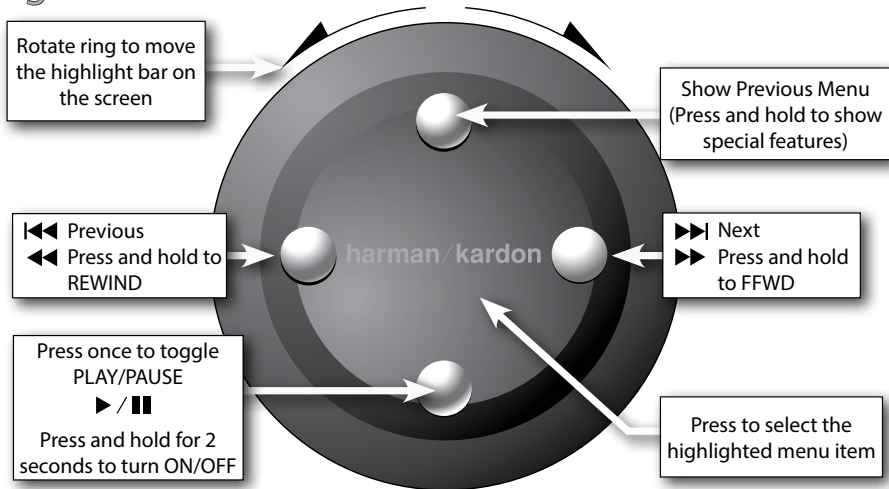
Note - If Drive + Play 2 is turned off with the bottom button it must be turned back on that way!

If the control knob is unresponsive, try pressing the top, center, and right buttons simultaneously for 2 seconds, then turn the outer ring until the highlight bar moves. If the control knob is still unresponsive, try a fresh CR2032-type battery.
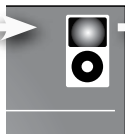
iPod Connection Confirmation

When your iPod is successfuly connected, the iPod icon appears in the top-right corner of the display. "**iPod**" will also appear as the first menu item.

| iPod | ▶ |

Playing Music

The Drive + Play 2 system is designed to make navigating the menus on your iPod simple and intuitive. Select menu items using the scroll wheel and press the center button to select.

1 Select "iPod" from source menu.

| iPod | ▶ | → | Playlists | ▶ |

| Your iPod Name | ▶ | → | Name of Song |

2 Browse list and select song.

3 View current selection on the screen. →

▶ Now Playing

Name of Song
Artist
Album

0:55   -2:08

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Connecting USB Devices

USB Drive Connection Confirmation

The Drive + Play 2 system is compatible with USB Flash Memory devices and other USB devices. For a complete list of compatible devices, please visit www.driveandplay2.com.

When your USB Drive is successfuly connected, the USB icon appears in the top-right corner of the display. "**USB Drive**" will also appear as the first menu item.

USB

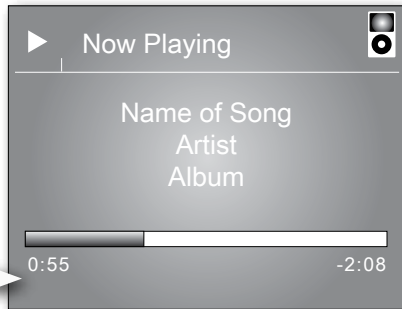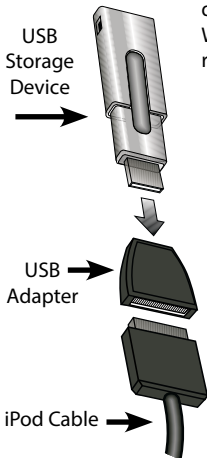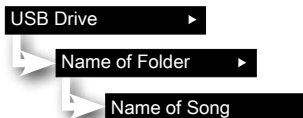USB Storage Device

USB Adapter

iPod Cable

USB Drive ▶

Playing Music

If your music files contain ID3 tags, you can browse just like browsing the iPod (see previous page). If no ID3 tags are contained in the files, use the folder structure described below.

1 **Select "USB Drive" from source menu.**

USB Drive ▶

Name of Folder ▶

Name of Song

▶ Now Playing   USB

Name of Song
Artist
Album

0:38   -2:08

2 **Select song.**

3 **View current selection on the screen.**

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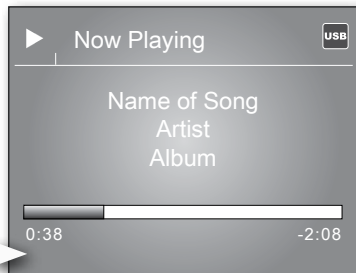
Configuring Audio Playback

Wireless FM Transmitter or Wired FM Antenna Adapter

If you use the built-in wireless FM transmitter, no additional wired audio connection is necessary. To use the wired FM Antenna Adapter, you will need to wire it into your vehicle's FM Antenna connection first, then complete these steps. Either way, you must enable and select the FM transmitter frequency to hear audio through your vehicle's FM radio. Remember, you may try several frequencies for the best result.

(1) Enable the FM Transmitter and Select FM Frequency Preset

Settings	▶	System Settings	▶	FM Transmitter	▶	Enable	Yes

Preset 1 : 88.1	◉
Preset 2 : 88.7	
Preset 3 : 107.9	
Add Preset	

Once you have selected an FM preset, tune your FM radio to that same station. you should hear audio playback clearly. If that frequency is not playing music clearly, select another preset by locating a frequency on your radio that is only static and save that as a preset. This will offer the clearest path for the Drive + Play 2 system's audio playback.

Line-Output Audio Connections

To use the Line-Out audio connection, the FM Transmitter must first be disabled using the steps shown. Following that, you will need to connect into your head unit's AUX input. Many vehicles may require a third-party adapter (not included) to provide this type of connection.

(1) Disable the FM Transmitter

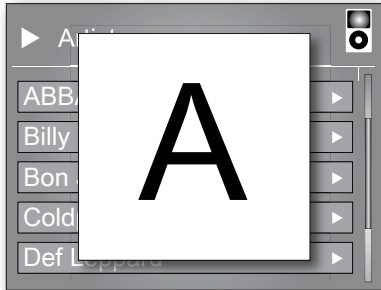| Settings	▶	System Settings	▶	FM Transmitter	▶	Enable	No

Letter Seek

This feature allows you to quickly browse **alphabetically sorted lists,** such as Artist, Playlists and Songs in the iPod.

1 **Press and hold top menu button in an alpabetically sorted list**

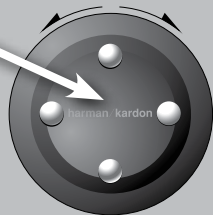**2** **Large letter appears on the screen**

3 Turn the ring to advance the letters manually

or, press the "Next" or "Previous" buttons to begin automatic scrolling.

4 Press "Select" to advance to the first menu item that begins with the displayed letter.

Artist
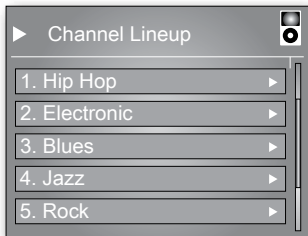
ABBA
Billy
Bon
Cold
Def Leppard

A

Automatic Mix

Drive + Play 2 system creates channels automatically, and you can refine the channel content during playback. Choose "**More like this**" to place a **higher priority** on songs similar to the current selection. Choose "**Less like this**" to place a **lower priority** on songs similar to the current selection. Choose "**Play something else**" to **reprioritize selections** to something different than the song that's currently playing.
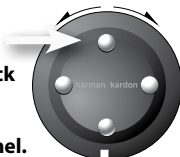
(1) **Select "iPod" and then select "Automatic Mix".**

iPod ▶ → Automatic Mix

(2) → **Browse list and select channel.**

> ▶ Channel Lineup
> 1. Hip Hop ▶
> 2. Electronic ▶
> 3. Blues ▶
> 4. Jazz ▶
> 5. Rock ▶

Now your iPod plays the channel .

(3) **Press and hold top menu button during Automatic Mix playback to configure content.**

(4) → **Configure the channel.**

> ▶ Now Playing
> More like this
> Less like this
> Play something else
>
> 0:55   -2:08

This lets you customize the content.

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"Keep playing" / "Jump to" Options

This feature allows you to continue playing songs from the current artist or album without leaving the "Now Playing" screen.

1 **Press and hold top menu button during playback.**

▶ Now Playing

Keep playing artist
Jump to artist
Keep playing album
Jump to album

0:55   -2:08
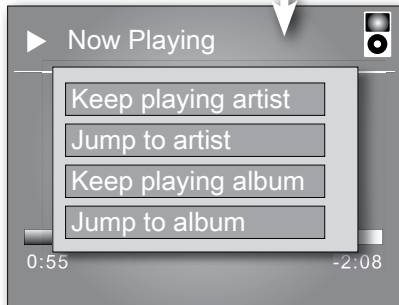
Keep playing artist

This feature will continue playing the current song, then play the remaining songs by that artist in order.

Jump to artist

This feature will stop playing the current song and begin playing all the songs by that artist in order.

Keep playing album

This feature will continue playing the current song, then begin playing the remaining songs on that album in order.

Jump to album

This feature will stop playing the current song and begin playing all the songs on that album in order.

Troubleshooting

Troubleshoot problems, download updates, and find out about more features at:

www.driveandplay2.com

For customer and technical support, call
516.255.4545

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drive + play™2

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