
harman/kardon®
Power for the Digital Revolution.®

The **Bridge™**

iPod® Docking Station
Owner's Manual



iPod not included

Introduction

Congratulations! With The Bridge™ you are entering the new world of listening enjoyment made possible by combining the incredible storage capacity and playback flexibility of an iPod® (not included) with the sonic power of your Harman Kardon receiver.

With a single, simple connection, your iPod is connected, and from there all you need to do is use your remote control and you are ready to go!

Features

- Single connection to any The Bridge-ready Harman Kardon receiver
- Plays audio from an iPod through your Harman Kardon receiver
- Controls your iPod using the Harman Kardon remote
- Easy track selection with on-screen navigation
- Charges the iPod

Selecting the Correct iPod Insert

Each iPod model is a slightly different size, making it necessary to use an insert that matches your specific iPod to The Bridge. The Bridge is shipped with the insert for the color screen and photo models already installed; if you own one of those models, no further changes are needed.

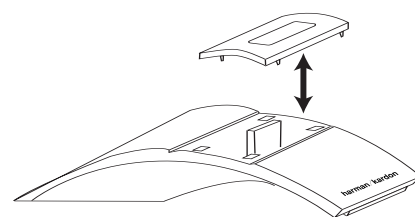
If you own a different iPod, first select the insert that matches your model. The model identification is printed on the back of each of the four extra inserts supplied with The Bridge. Note that the insert marked "Universal" should not be used alone. It is designed for use with future iPod models that are not accommodated

by the current inserts. For more information or updates, visit The Bridge section of our Web site at www.harmankardon.com.

Use the following as a guide to determine which insert is correct for your iPod model:

- For any iPod with a color screen, including all iPod photo models, use the insert with "COLOR/PHOTO" on the back. This insert is already installed in The Bridge.
- For 20GB or 30GB iPod photo models *only*, remove the insert marked "COLOR/PHOTO" and attach the two included foam pads to the rear inside wall in the well of the insert before replacing it.
- For iPods with a black and white screen and a 10GB, 15GB or 20GB hard drive, use the insert with "10GB/15GB/20GB" on the back.
- For iPods with a black and white screen and a 30GB or 40GB hard drive, use the insert with "30GB/40GB" on the back.
- Use the insert with "mini" on the back for *all* iPod mini models.
- Use the insert with "Universal" on the back for iPod models that come with a special insert.

To remove the 30GB iPod photo insert, or if you need to replace the insert at a later time when you change iPod models, hold The Bridge with one hand and grab the edges of the insert in The Bridge and pull straight up. Once you have selected the correct insert, place it over the well in the center of The Bridge and gently press it down so that it snaps into place.

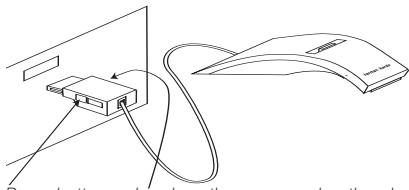


NOTE: Do not place an iPod in The Bridge unless an insert is installed; otherwise, the iPod will be prevented from properly connecting, and damage will be caused to The Bridge or your iPod that is not covered by the warranty for either product.

Connecting The Bridge to Your Receiver

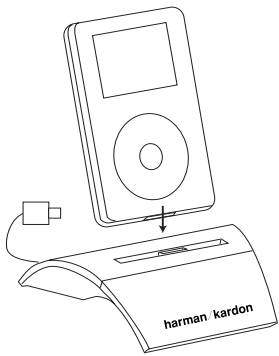
Before connecting The Bridge, turn your receiver off using its **Master Power Switch**. You will know that the power is off when the front-panel **Power Indicator** (normally amber when the unit is in the Standby mode) goes out. Depending on your receiver model, the Master Power Switch is located above the Power Indicator or behind the front-panel door.

With the receiver off, press the button on each side of the connector at the end of The Bridge cable and insert this plug into The Bridge/DMP port on the receiver's rear panel. If the port is horizontal, insert the connector with the flat side up. If the port is vertical, insert the connector with the flat side to the right. In all cases, the connector will only go in one way. If you inadvertently try to plug the connector in the wrong way, do not force it. Simply reverse the connector and try again.



Docking Your iPod

After placing the appropriate insert in the center well of The Bridge and connecting The Bridge to your receiver, dock your iPod by placing it into the insert, gently pressing it down until the connectors mate on the iPod and The Bridge.



NOTE: If you normally keep your iPod in a protective case, or “skin,” you will need to remove it before playing your iPod in The Bridge.

Using The Bridge

Once The Bridge is connected, you may use either the front-panel controls or the AVR’s remote to select tracks for playback from your iPod.

To select the iPod docked in The Bridge, press the **DMP/The Bridge Button** on the remote, or use the **Source Selection Button** on the front panel to change sources, as described in the receiver’s owner’s manual. When an iPod is correctly docked in The Bridge, a message will appear in the front-panel and on-screen displays to confirm that

The Bridge is **CONNECTED**, after which the displays will switch to the iPod navigation menus and the iPod’s own menu screen will be replaced by a “check mark” and a message reading “OK to disconnect”.

NOTE: If the iPod is not properly connected to the dock, a message reading “Please check connection or battery condition” may scroll across the bottom line of the receiver’s on-screen and front-panel displays. If you see this message, remove the iPod and insert it in The Bridge again, making sure that it seats properly.

When an iPod is properly connected to a receiver via The Bridge (as confirmed by the appearance of the check mark rather than the standard iPod menus) the iPod’s Click Wheel and controls do not operate. Instead, you must use either the receiver’s front-panel buttons or the remote control to operate your iPod.

Controlling the iPod

Refer to the table below to select the front-panel or remote control button

for the desired iPod function. Press that button to operate the iPod. For example, to play a track on the iPod, you would normally press the **▶||** icon at the bottom of the Click Wheel. To play a track using an iPod docked in The Bridge, press the **Tune Mode Button** on the front panel of your receiver, or the **Play Button** on the receiver’s remote.

Navigating the iPod’s Menu

To help you in selecting tracks and navigating through the iPod’s contents, two-line messages will be displayed in the receiver’s front-panel display and on the video display connected to your receiver. In most cases, these display and navigation messages will closely mirror the familiar iPod menus. The upper line of the receiver’s display will show the title of the current menu, such as Playlists, Artists, Albums, Genres, Songs, etc. The lower line will show each choice available for selection within that category as you scroll to it, similar to scrolling down the list of choices in the iPod’s menu.

iPod Button Equivalent	iPod Function	AVR Front-Panel Button	AVR Remote Button
▶	Play/Pause	Tune Mode	Play
◀◀	Previous Track	Tune Down	◀◀
▶▶	Next Track	Tune Up	▶▶
Menu	Menu Call-Up	AM/FM	Menu
Select Button	Select Function	Set	Set
▶	Pause	Tune Mode	Pause
Click Wheel Clockwise	Scroll Forward	Preset Up	Navigation Arrow Right ▶
Click Wheel Counterclockwise	Scroll Backward	Preset Down	Navigation Arrow Left ◀

An arrow at the far right of the bottom line will indicate whether there are more choices in the menu stack.

- A right-pointing arrow (➔) tells you that you are at the start of the options stack. Press the **Preset Up Button** on the front panel or the ► button on the remote to scroll down through the available choices.
- Two arrows, one pointing in each direction (↔), indicate that you are in the middle of the options stack. Press the **Preset Up** or **Preset Down Button** on the front panel or the ◀/▶ buttons on the remote to scroll up or down through the available choices.
- A left-pointing arrow (↶) tells you that you are at the bottom of the options stack. Press the **Preset Down Button** on the front panel or the ► button on the remote to scroll up through the available choices.

While a track is playing, the upper line of both displays will continually scroll the Song, Artist and Album information. The lower line will show the elapsed time of the current track on the left, and the remaining time on the right. The icon between the two time displays will show the Play icon (▶) when a track is playing and the Pause icon (⏸) when playback is paused.

The play time and track information will always be available in the front-panel display. The on-screen display will disappear from view after the time period set in the Advanced Settings menu in your receiver. If you wish to change the on-screen display time, follow the instructions shown in the

Advanced Features section of your receiver's owner's manual. The on-screen display will reappear at the start of each new track to show you the time and track information, and then it will disappear again to prevent image retention, or "burn-in," on CRT or plasma displays.

Basic Playback and Control of the iPod

- To pause playback at any time, press the **Tune Mode Button** on the front panel or the **Pause Button (⏸)** on the remote. Press it again to resume playback.
- To skip forward to the next track, press the **Tune Up Button** on the front panel or the **Forward Search ►► Button** on the remote. Release the button and press it again, or tap it repeatedly to skip forward through the available tracks.
- To skip back to the start of the current track, press the **Tune Down Button** on the front panel or the **Reverse Search ◀◀ Button** on the remote. Release the button and press it again, or tap it repeatedly to skip backward through the available tracks.
- To fast-forward through a track while it is playing, press and hold the **Tune Up Button** on the front panel or the **Forward Search ►► Button** on the remote.
- To play in fast reverse through a track while it is playing, press and hold the **Tune Down Button** on the front panel or the **Reverse Search ◀◀ Button** on the remote.
- To display the menus that guide you through track selection, press the

Tuner Band Selector (AM/FM)

Button on the receiver's front panel or the **Menu Button** on the remote.

- To navigate the menus, scroll forward using the **Preset Up Button** on the receiver's front panel or the ► **Button** on the remote. Scroll backward using the **Preset Down Button** on the receiver's front panel or the ◀ **Button** on the remote. Press the **Set Button** on either the front panel or the remote to select the current entry.

Charging the iPod

You may leave your iPod in The Bridge even when you are not using it as a playback source. Whenever the iPod is docked and your receiver is turned on, The Bridge will charge the battery in the iPod.

Some Harman Kardon receivers allow you to select whether you wish to have the iPod's battery charge when the receiver is turned off (in the "Standby" mode) by changing a setting in the Input Menu on the receiver. Consult your receiver's owner's manual to see whether your receiver has this capability.

Removing the iPod

To remove an iPod from The Bridge, grasp the sides of the iPod and pull it straight up, away from The Bridge. Depending on your iPod model and the software version it is using, the check mark may remain in the iPod's display for a few minutes before returning the iPod to normal operation. This is a function of the iPod's software and does not indicate a failure in the iPod, The Bridge or your receiver.

Troubleshooting Guide

SYMPTOM

SOLUTION

The iPod does not play or respond to commands from the receiver's remote.

- Make sure that The Bridge is properly connected to a compatible Harman Kardon receiver.
- Make sure that DMP/The Bridge is selected as the input on the receiver.

The blue LED under The Bridge goes out when the receiver is in the Standby mode.

- Check the menu setting for DMP on your receiver to make sure that the "**RECHARGE IN ST-BY**" option is turned **ON**, if available.
- Make certain that the receiver is in the Standby mode by looking for the amber standby light. The iPod will not charge when the Master Power Switch is off.

The iPod's front-panel display and controls do not operate when the iPod is docked in The Bridge and DMP/The Bridge is selected as the receiver's input.

- This is normal and does not indicate a problem with the iPod, The Bridge or your receiver.

Specifications:

iPod Compatibility: All iPod "docking connector" models, including third-generation and later Click Wheel iPods, iPod photo (audio playback only) and iPod mini. Not compatible with iPod shuffle™. iPod not included.

Receiver Compatibility: All Harman Kardon products with The Bridge logo on the carton and owner's manual.

Dimensions (H x W x D): 1-3/16" x 4-1/2" x 4-1/2"

Weight: 5.9 oz.

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The Bridge is a trademark of Harman International Industries, Incorporated.

iPod is a registered trademark, and Shuffle is a trademark, of Apple Computer, Inc.

harman/kardon® Limited Warranty

The Harman Kardon products listed below are warranted for the period stated from the date of original purchase.

• Receivers, Tuners and Amplifiers	2 Years
• Cassette Decks	1 Year
• Compact Disc Players and Recorders	1 Year
• DVD Players	1 Year
• Accessories	1 Year

Who Is Protected by This Warranty

Your Harman Kardon warranty protects the original owner of a Harman Kardon product, provided that the product was purchased within the continental U.S., Alaska or Hawaii from an authorized dealer who was authorized by Harman Kardon to sell such products at the time of the original purchase, or was purchased by military personnel from an authorized military outlet. Warranty service is available only in the country of original purchase. For warranty information outside the continental United States, Alaska or Hawaii, please contact your local dealer or distributor. Warranty service is available as long as the original bill of sale is presented when warranty service is required. Please attach a copy of your bill of sale to this warranty statement and put it in a safe place.

What Is Covered

Your Harman Kardon warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier);

(3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in your owner's manual; (5) damage resulting from the performance of repairs by someone other than an authorized Harman Kardon warranty station; (6) any Harman Kardon unit on which the serial number has been effaced, modified or removed; (7) units used for other than home use. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal setup or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances such as source quality or AC power.

NOTE: Repair of our product must be done by an authorized dealer or service center. **Unauthorized repair will void the warranty and is done at the risk of the consumer.**

How to Obtain Warranty Service

If your Harman Kardon product ever needs service, please return the product to your dealer. If this is not possible and you live in the continental U.S., Alaska or Hawaii, please visit our Web site at www.harmankardon.com, or

call 516-255-HKHK (4545) for the location of the nearest warranty station, or write to Harman Kardon, Inc., 250 Crossways Park Drive, Woodbury, NY 11797 (Attention: Customer Service). You'll need to present your original bill of sale to establish the date of purchase.

Who Pays for What

Harman Kardon will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a unit is examined which is not in need of repair, you will be charged for the repairs or examination.

The owner must pay any shipping charges incurred in getting your Harman Kardon product to a Harman Kardon-authorized warranty station located within the continental United States, Alaska or Hawaii. We will pay reasonable return shipping charges to any location in the continental United States, Alaska or Hawaii if the repairs are covered under the warranty. Please be sure to save the original shipping carton(s), because a charge will be made for additional cartons.

Information

If you have questions regarding the installation or operation of this unit, please call Customer Service at 516-255-HKHK (4545), or e-mail us at websupport@harman.com, or write to us at Harman Kardon, Incorporated, 250 Crossways Park Drive, Woodbury, NY 11797 (Attention: Customer Service).

Limitation on Implied Warranties

IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY, UNLESS OTHERWISE PROVIDED BY STATE LAW.

Exclusion of Certain Damages

HARMAN KARDON'S LIABILITY IS LIMITED TO THE REPAIR OR REPLACEMENT, AT OUR OPTION, OF ANY DEFECTIVE PRODUCT AND SHALL IN NO EVENT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

We sincerely thank you for your confidence in Harman Kardon products. This equipment has been painstakingly assembled by highly trained craftspeople. It should give you many years of musical enjoyment.

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