



Digital Stereo Music/ iPod/Bluetooth® Controller

For 1998-2013 Harley® Dresser

Part#JMMDM-IPBT-HDDR

Installation & Operation Instructions

Table of Contents

Product Description	Section 1	Installation Instructions	Section 4
Safety & General Information	Section 2	General Operation Instructions	Section 5
Package Contents	Section 3	Bluetooth Linking/Pairing Scenarios	Section 6

1. Product Description

J&M's new digital music controller will allow you to stream music videos down off of You-Tube with your favorite Smartphone, and direct by Bluetooth the audio signals into the factory Harley HK radio.

You can also stream stereo music down off of Pandora and/or your SmartPhone's own internal music files, and direct them by Bluetooth into the Harley audio system.

These exciting music streaming features will work with an iPhone, Android, Blackberry, Samsung NOTE or almost any Smartphone available in the marketplace today that incorporates Bluetooth as part of its design.

This new digital music controller will also connect to a standard iPod by wire and direct the stereo music into the Harley audio system aux input, using the iPod's own onscreen controls, while at the same time keeping the iPod fully charged.

J&M's technicians have configured the input signal levels from the new controller, to the Harley radio, so that the system volume levels available on the highway and overall sound quality thru the entire system, are significantly better than what is available when using Harley's own iPod adapter, XM satellite radio module OR built-in FM stereo.

The Harley radio control menu selections of bass, treble, front/rear fader, auto volume control, driver/passenger intercom, bike-to-bike CB radio and handlebar volume control, (if activated) all remain unchanged when using J&M's Bluetooth digital music controller.

When mounted on a Harley Ultra with the optional J&M microphone signal integration component, and linked by Bluetooth to a cell phone, the driver can actually talk on the phone thru his or her J&M or Harley brand helmet headset, without affecting the driver/passenger intercom or CB functions of the audio system (phone calls are accepted or initiated onscreen from the phone itself).

Supported Bluetooth Profiles

A2DP (Advanced Audio Distribution Profile)
HFP (Hands-free Profile)
HSP (Headset Profile)
AVRCP (Audio Video Remote Control Profile)

2. Safety and General Information

IMPORTANT INFORMATION FOR SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR DEVICE.

Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See FCC 47 CFR Sec. 15.19 (3).

ELECTROMAGNETIC INTERFERENCE/COMPATIBILITY

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

FACILITIES: To avoid electromagnetic interference and/or compatibility conflicts, turn off your device in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

AIRCRAFT: When instructed to do so, turn off your device when on board an aircraft. Any use of a device must be in accordance with applicable regulations per airline crew instructions.

MEDICAL DEVICES

HEARING AIDS: Some devices may interfere with some hearing aids. In the event of such interference, you may want to consult with your hearing aid manufacturer to discuss alternatives.

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of the device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Industry Canada Notice to Users: Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

FCC Notice to Users: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

3. Package Contents

- Digital music controller
- iPod connection cable
- Auxiliary extension cable
- Hook and loop fastener strips for mounting

4. Installation Instructions

Integration component terminal Installation and connections

> Diagram A and B

1. Remove:
Outer Fairing Shell

Installing the Integration terminal (BAT-WING STYLE FAIRING)

1a. Mount the provided mounting bracket to the right side of the inner fairing in the position shown using the two-sided tape already affixed to the bracket. **Diagram A**

1b. Then mount the JMDM-IPBT-HDDR integration terminal to the bracket as shown using the supplied hook and loop fastener, and secure in this position with the additional tie straps provided around the wire bundles. **Diagram B**

Installing the Integration terminal (ROAD-GLIDE FAIRING)

2. Mount the JMDM-IPBT-HDDR integration terminal directly to the left side of the inner fairing in the position shown using the supplied hook and loop fastener, and secure in this position with the additional tie straps provided around the wire bundles. **Diagram C**

Note: The mounting bracket is not used for the Road-Glide application.

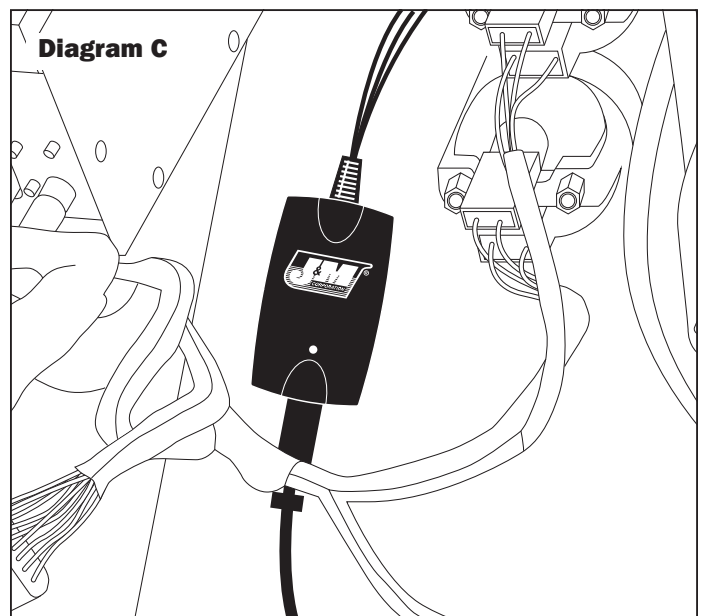
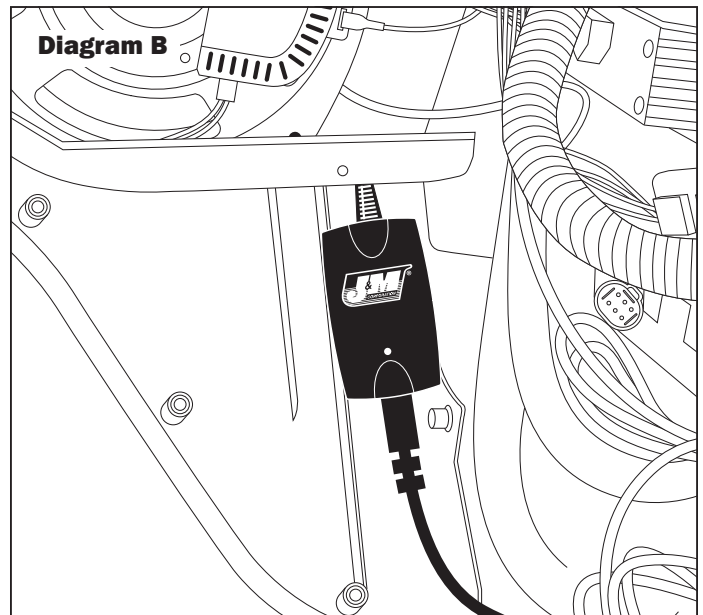
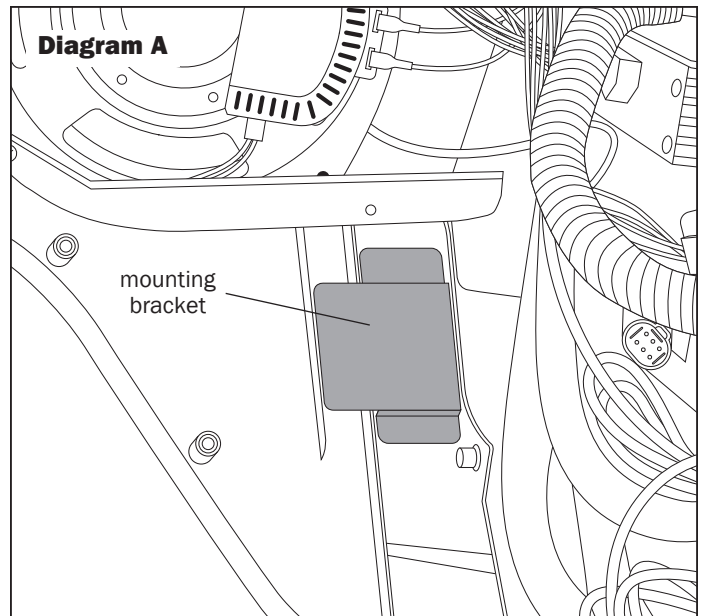
3. Connect the red wire from the JMDM-IPBT-HDDR to the orange/white wire from the headlight wiring and connect the black wire to the black wire from the headlight wiring harness.
4. Connect the 3.5mm stereo plug to the auxiliary input port on the front of the Harley radio.
5. Connect the iPod cable if using an iPod/iPhone to the JMDM-IPBT-HDDR and route cable to the mounting area of the iPod/iPhone.
6. If using Auxiliary cable connect the cable to the JMDM-IPBT-HDDR and route to a convenient location.

Important Note: This Bluetooth/digital music controller is NOT waterproof, so care must be taken to mount the unit inside the fairing so that significant amounts of water will not splash down on to the unit from the gaps between the windshield and the top of the fairing, with iPod cable jack plug oriented to the downward position.

5. General Operation Instructions

General tips for use with iPod

When connection is made to the iPod the iPod will begin charging. The iPod will begin to play songs or playlists depending on what has been selected on the iPod.



General tips for use with aux input

When the Auxiliary audio cable is plugged into the JMDM-IPBT-HDDR the music from the iPod will no longer be heard. Use the optional AUX cable to connect a remote satellite radio receiver or MP3 Player.

6. Bluetooth Linking/Pairing Scenarios

Pairing and Operation of the JMDM-IPBT-HDDR to a Bluetooth Enabled Smartphone/iPod/iTouch/Zumo660-665 or MP3

1. Turn the motorcycle ignition switch to on or accessory position.
2. Go into the settings menu of the Smartphone/iPod/iTouch/Zumo660-665 or MP3 player and select search for new Bluetooth device.
3. Once JM-MPBT-2 is displayed on your screen, click on it. When you are asked for a passkey, enter: 9088.
4. Once the device connects to the JMDM-IPBT-HDDR the music or other sounds from the Bluetooth linked device will be heard through the Harley audio system, (by selecting AUX input from the right side handlebar menu control), and will automatically prioritize over any music from the by-wire connected iPod or MP3 player.
5. To properly adjust the linked Bluetooth music source volume levels into the Harley HK system, first reduce music source volume to minimum, then adjust handlebar volume on the Harley audio system to maximum, then readjust music source volume up to a point, just before speaker distortion, then further volume adjustments should be made with the handlebar controls only.
6. Once paired, the Bluetooth music source device should not need to be re-paired to the JMDM-IPBT-HDDR as pairing should occur automatically each time the ignition switch is turned on.

Operation of the JMDM-IPBT-HDDR using a Bluetooth Enabled Cell/Smart Phone/Zumo660-665 with Optional 'J&M Microphone Signal Integration Component for Harley ULTRA.

1. To pre-set the cell phone call volume, adjust the volume up or down buttons on the cell phone itself, during an actual phone conversation only thru the rider's helmet headset.
2. During a cell phone conversation, both the driver and passenger can hear the call, but only the driver can actually talk on the cell phone using their J&M or Harley brand helmet headset.
3. For incoming cell phone calls you will first hear a Bluetooth alert tone, possibly followed by a verbal caller ID. To accept the call you will need to either have the cell phone set to auto-answer mode or select answer on the cell phone screen itself (use on-screen answer-reject controls on the Zumo screen if linked to the Zumo 660-665).
4. To reject incoming calls, either just ignore the call or select reject from the cell phone screen itself.

Thank you for the confidence you have shown in J & M by purchasing one of our innovative products. It will give you many hours of riding pleasure.

