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JVC KD-X280BT

JVC Single DIN AM/FM USB AUX Bluetooth Digital Media Receiver User Manual

Model: KD-X280BT

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JVC Single DIN AM/FM USB AUX Bluetooth Digital Media Receiver bundle. This comprehensive package is designed for specific Harley Touring motorcycle models (1998-2013 FLHT, FLHX, FLHTC) and includes the JVC KD-X280BT stereo receiver, a Metra stereo install kit, a Metra handlebar control interface, a wired antenna, and a weathershield.
Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your product experience.

Package Contents

The following components are included in your purchase:

- JVC KD-X280BT Single DIN Bluetooth USB AUX AM/FM Radio Digital Media Car Stereo In-Dash Receiver
- HD Single-DIN Stereo Installation Kit (Fits Select 1998-2013 HD Motorcycles Models, HD Touring)
- Metra BC-HDSWC-WR Handlebar Control Interface
- Marine Audio Universal Wired AM/FM Radio Antenna (22" Cable, Weather Resistant)
- 1996-13 HD Weathershield



Figure 1: Overview of the complete product bundle, including the JVC stereo receiver, installation kit, handlebar control interface, wired antenna, and protective weathershield.

Setup and Installation

Proper installation is crucial for the performance and longevity of your new media receiver. It is highly recommended to have the installation performed by a qualified professional, especially for motorcycle applications.

1. JVC KD-X280BT Stereo Receiver



Figure 2: The JVC KD-X280BT Digital Media Receiver, featuring a detachable face and various input options.

The JVC KD-X280BT is a single DIN digital media receiver. Ensure the mounting location in your motorcycle's fairing is clean and free of obstructions before beginning installation.

2. Metra Stereo Install Kit

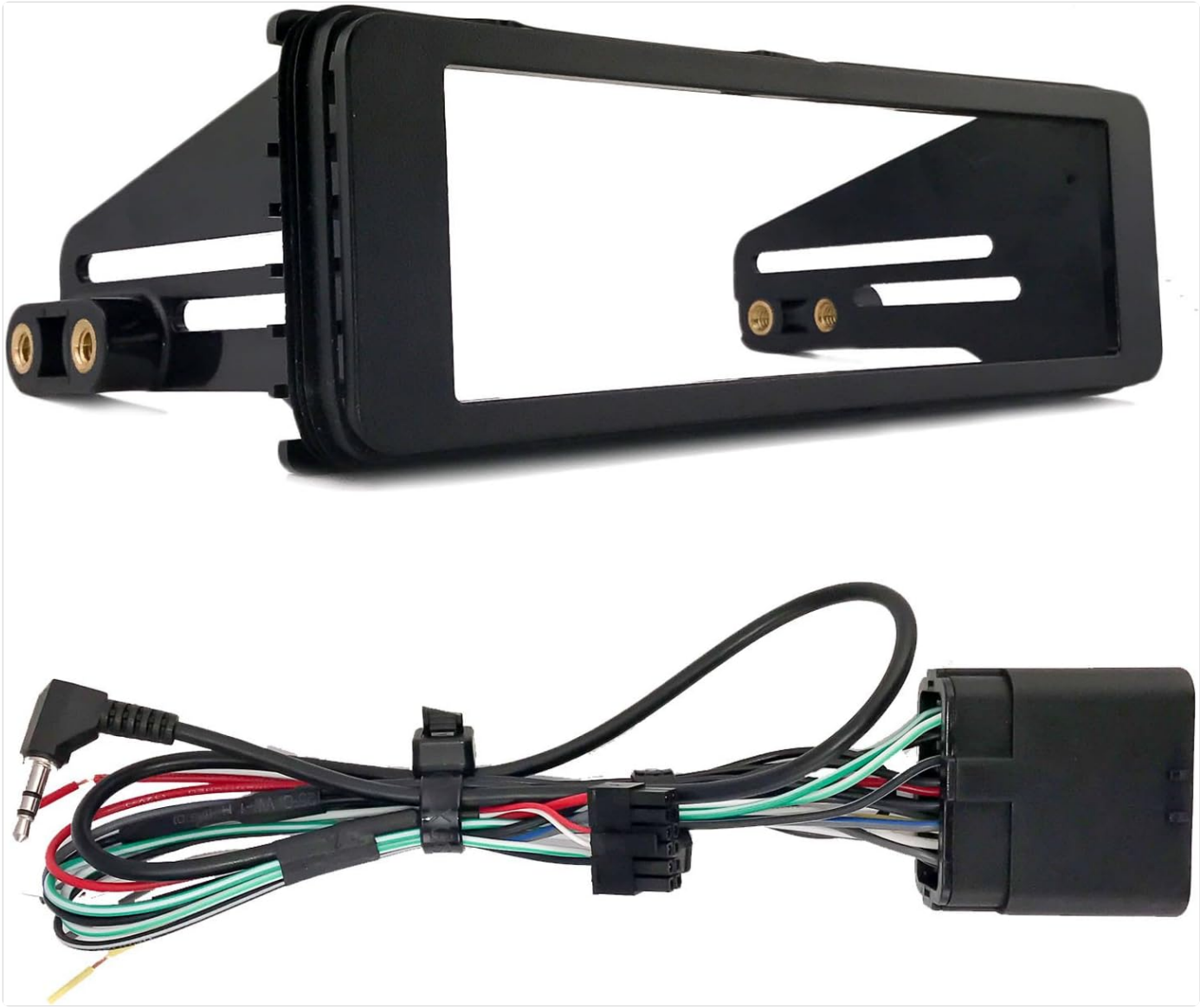


Figure 3: The Metra Stereo Install Kit, designed for a gapless fit between the dash and the radio in Harley Touring models.

This kit provides an ISO DIN radio provision specifically for Harley Touring models from 1998-2013. It ensures a precise, gapless fit for the new stereo in your motorcycle's dash opening. Follow the kit's specific instructions for mounting the receiver securely.

3. Metra BC-HDSWC-WR Handlebar Control Interface

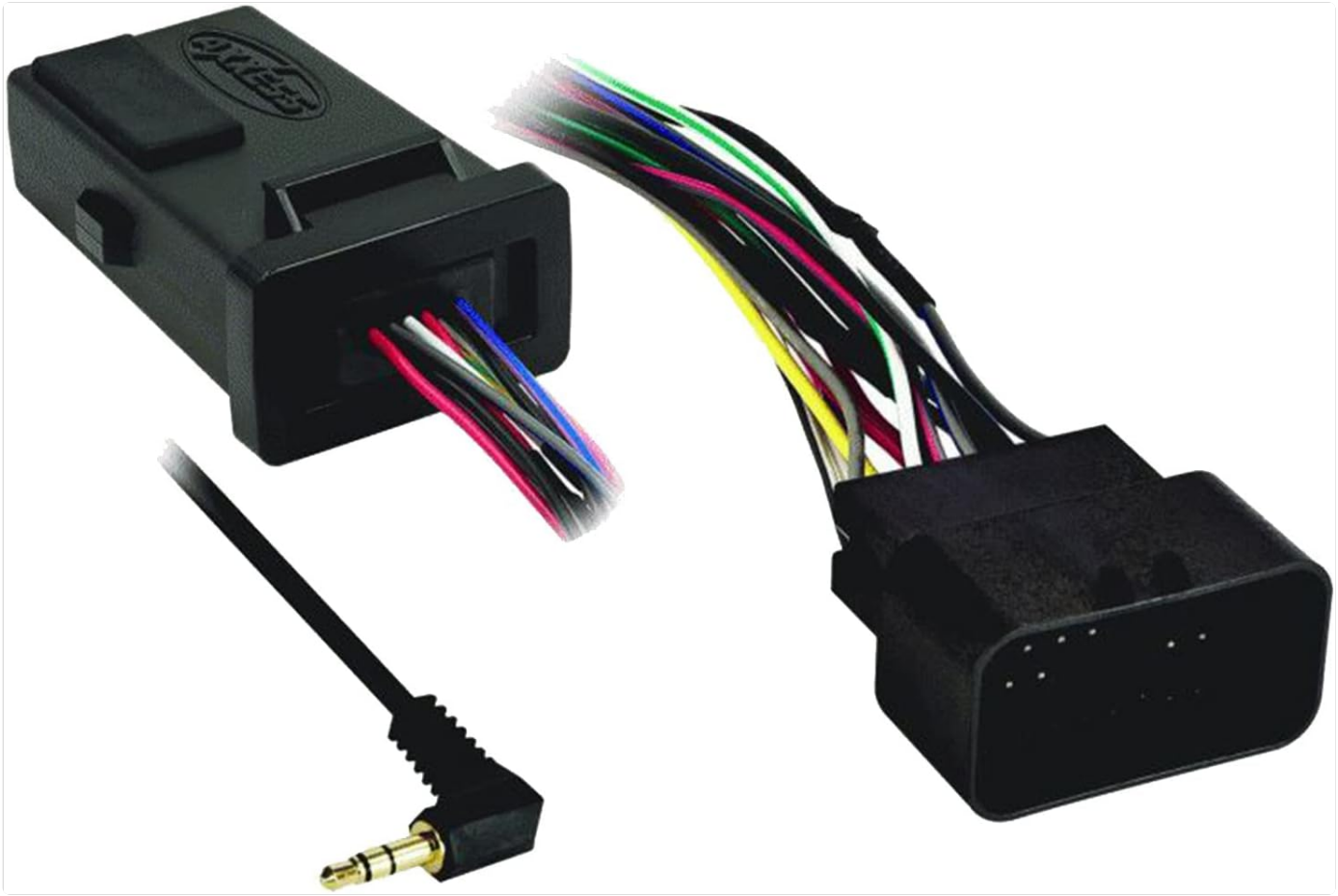


Figure 4: The Metra BC-HDSWC-WR Handlebar Control Interface, allowing retention of factory handlebar audio controls.

The handlebar control interface allows you to retain the use of your factory handlebar audio controls with the new aftermarket radio. This unit features an auto-detect system that configures itself for your specific motorcycle application and radio. Connect the plug-n-play harness to the appropriate wiring points as per the interface's instructions. This interface also provides wires for speakers, constant power, switched power, and ground.

Note: This interface is compatible with Harley FLH & FLT 1998-2013 models with a fairing, and is designed for 2-speaker systems without a factory amplifier.

4. Wired AM/FM Antenna



Figure 5: The weather-resistant wired AM/FM antenna with a 22-inch braided cable.

Connect the included 22-inch weather-resistant AM/FM antenna to the receiver's antenna input. Route the cable carefully to avoid interference and damage, ensuring it is securely positioned for optimal signal reception.

5. Weathershield



Figure 6: The high-quality tinted weathershield, designed to protect the aftermarket radio from environmental elements.

The tinted weathershield is designed to protect your aftermarket radio from the elements. It fits directly into the factory dash opening, covering the radio without hindering access to controls or functionality. Install the weathershield after the stereo is fully mounted.

Operating Instructions

This section details the primary functions and features of your JVC KD-X280BT Digital Media Receiver.

Basic Operations

- **Power On/Off:** Press the **SRC** button to turn the unit on. Press and hold the**SRC** button to turn the unit off.
- **Volume Control:** Rotate the large rotary knob to adjust the volume level.
- **Source Selection:** Press the **SRC** button repeatedly to cycle through available sources: AM/FM, USB, AUX, Bluetooth.

Radio Functions (AM/FM)

- **Tuning:** Use the **<<** and **>>** buttons to manually tune or seek for stations.
- **Preset Stations:** Save your favorite stations to preset buttons for quick access. Refer to the detailed JVC manual for specific instructions on setting presets.

Bluetooth Connectivity

The KD-X280BT features built-in Bluetooth for audio streaming and hands-free calling, including dual phone connection capability.

1. **Pairing a Device:**
    - Ensure Bluetooth is enabled on your mobile device.
    - On the receiver, select the Bluetooth source.
    - Search for available devices on your mobile phone. The receiver will appear as "KD-X280BT" or similar.
    - Select the receiver to pair. A confirmation message may appear on both devices.
2. **Audio Streaming:** Once paired, you can stream audio from your device to the receiver. Control playback (play/pause, skip track) using the receiver's controls or your device.
3. **Hands-Free Calling:** When a call comes in, the audio will switch to the receiver. Use the receiver's buttons to answer, end, or reject calls.

USB and AUX Inputs

- **USB Input:** Connect a USB device to the front USB port. The receiver supports playback of MP3, WMA, WAV, ACC, and high-res FLAC files. The USB port also provides 1.5A charging for your devices.
- **AUX Input:** Connect an external audio player to the front 3.5mm AUX input using a stereo mini-jack cable.

Sound Customization

- **13-Band Equalizer:** Access the equalizer settings to fine-tune the audio output to your preference.
- **Digital Time Alignment:** Adjust the timing of the sound from each speaker to create an optimal listening experience.
- **Volume Link EQ:** This feature boosts frequencies in the music that may be affected by road noise, enhancing clarity during rides.



Figure 7: Visual representation of key features such as Bluetooth, USB, AUX, AM/FM radio, 13-band EQ, and remote app compatibility.

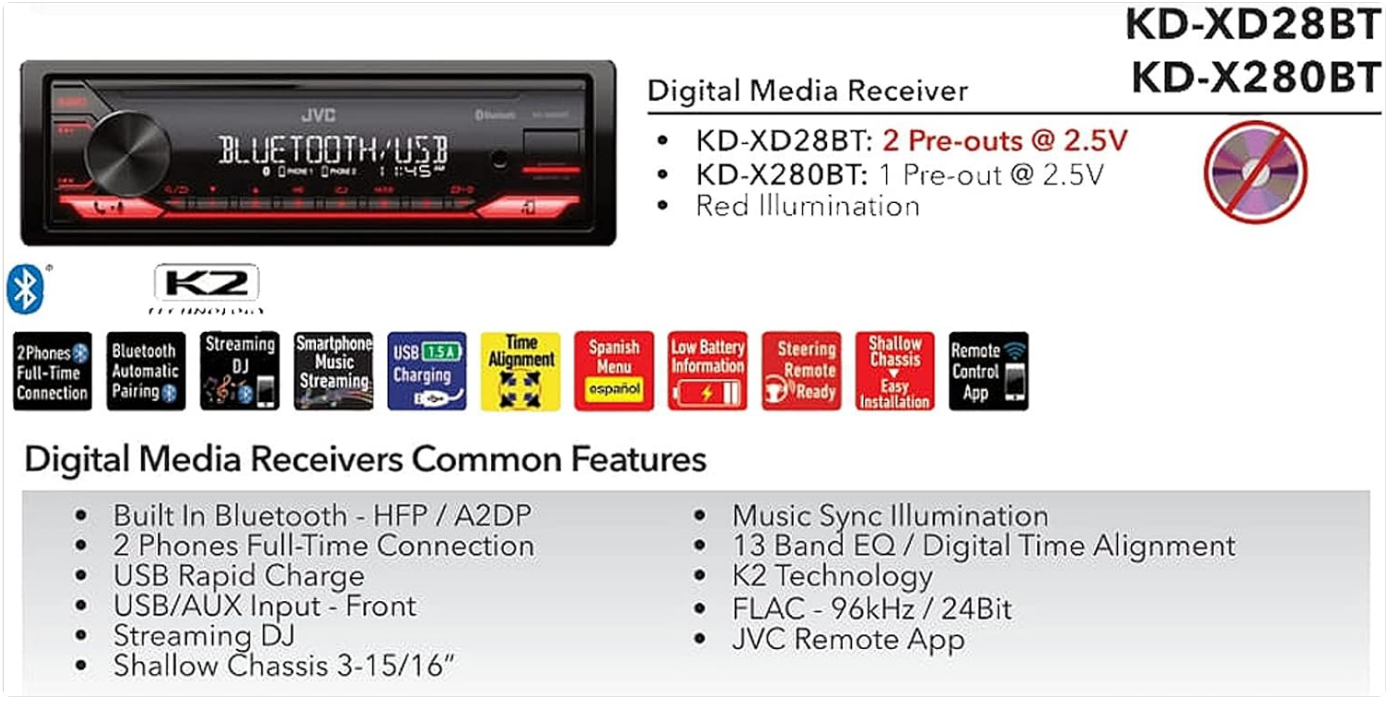


Figure 8: Detailed overview of the KD-X280BT's digital media receiver features, including Bluetooth, USB charging, K2 Technology, and shallow chassis design.

JVC Remote App

The JVC Remote App allows you to control the receiver from your smartphone. Download the app from your device's app store and follow the in-app instructions for connection and control.

Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your JVC media receiver.

- **Cleaning:** Use a soft, dry cloth to wipe the unit's surface. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish.
- **Weathershield Care:** Periodically clean the weathershield with a soft cloth and mild soap solution to maintain clarity and protection. Ensure it is properly seated to prevent water and dust ingress.
- **Environmental Protection:** While the weathershield offers protection, avoid prolonged exposure to extreme weather conditions (heavy rain, direct sunlight for extended periods) when possible to preserve the unit's internal components.

Troubleshooting

If you encounter issues with your JVC media receiver, refer to the following common problems and solutions. For more complex issues, contact JVC customer support.

Problem	Possible Cause	Solution
No Power	Loose power connection; Blown fuse; Motorcycle battery issue.	Check all power wiring connections. Inspect and replace any blown fuses. Ensure motorcycle battery is charged and functioning correctly.

Problem	Possible Cause	Solution
No Audio Output	Volume too low; Mute function active; Incorrect source selected; Speaker wiring issue.	Increase volume. Deactivate mute. Select the correct audio source (AM/FM, USB, AUX, Bluetooth). Verify speaker connections are secure and correct.
Bluetooth Pairing Failure	Bluetooth not enabled on device/receiver; Device too far; Interference; Previous pairing conflict.	Ensure Bluetooth is active on both devices. Bring devices closer. Turn off other Bluetooth devices. Delete previous pairings on both devices and try pairing again.
Handlebar Controls Not Working	Incorrect wiring of interface; Interface not configured; Incompatible motorcycle/radio setup.	Verify all connections to the Metra BC-HDSWC-WR interface are correct. Ensure the interface has auto-detected the radio and motorcycle. Confirm your motorcycle and radio are compatible with the interface (e.g., 2-speaker system, no factory amplifier). Consult the Metra interface manual for specific troubleshooting steps.
Poor Radio Reception	Antenna not connected; Damaged antenna; Weak signal area.	Check antenna connection to the receiver. Inspect antenna for damage. Try moving to an area with stronger signal.

Specifications

Below are the key technical specifications for the JVC KD-X280BT Digital Media Receiver and associated bundle components:

- **Model Number:** KD-X280BT
- **Connectivity Technology:** Auxiliary, Bluetooth, USB
- **Controller Type:** Hand Control (via handlebar interface)
- **Special Feature:** Built-In Bluetooth
- **Compatible Devices:** Smartphone, Speaker
- **Connector Type:** 3.5mm Jack, USB
- **Audio Output Mode:** Stereo
- **Output Power:** 50 Watts x 4 Channels
- **Item Weight:** Approximately 3.36 pounds (total bundle)
- **Package Dimensions:** 12.2 x 10.43 x 6.73 inches
- **Manufacturer:** JVC
- **First Available:** December 22, 2022

Warranty and Support

For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official JVC website. For technical support, product inquiries, or service, please contact JVC customer support directly. You can find more information and support resources by visiting theJVC Store on Amazon.

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