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## Kenwood KDC-BT782HD

# KENWOOD KDC-BT782HD CD Receiver User Manual

Model: KDC-BT782HD

## 1. OVERVIEW

The KENWOOD KDC-BT782HD is a versatile CD receiver designed for in-car entertainment and connectivity. It integrates various audio sources and smart features to enhance your driving experience. This manual provides essential information for installation, operation, and maintenance of your new receiver.



Figure 1.1: KENWOOD KDC-BT782HD CD Receiver and included SXV300V1 SiriusXM Tuner.

## Key Features:

- CD Receiver with Bluetooth connectivity
- Built-in HD Radio tuner
- Front USB input for media playback
- Variable illumination for display and buttons
- Alexa Built-in for voice control
- Direct link for Spotify and Pandora Internet Radio
- SiriusXM Ready (SXV300V1 tuner included)
- KENWOOD Music Mix for multiple Bluetooth device connections
- Remote APP Ready for smartphone control
- Three 4V Pre-Outs for external amplifiers

## 2. WHAT'S IN THE BOX

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Carefully unpack the contents and ensure all items are present before proceeding with installation.

- KDC-BT782HD CD Receiver unit
- SXV300V2 SiriusXM Connect Vehicle Tuner
- Wiring harness
- Mounting hardware
- Microphone with cable
- Owner's Manual (this document)
- Warranty card

## 3. SETUP

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### 3.1 Installation Considerations

Professional installation is recommended for optimal performance and safety. Ensure the vehicle's battery is disconnected before beginning any wiring. Mount the receiver in a location that does not obstruct driving visibility or interfere with vehicle safety features.

### 3.2 Wiring Diagram

Refer to the separate 'Installation Guide' provided with your unit for detailed wiring diagrams and mounting instructions. Incorrect wiring can cause damage to the unit or your vehicle's electrical system.

### 3.3 Initial Power-On

1. After installation, reconnect the vehicle's battery.
2. Press the **SRC** button to turn on the receiver.
3. Follow the on-screen prompts for initial setup, including language selection and clock adjustment.
4. Adjust the volume to a low level before playing any audio.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Basic Controls

Familiarize yourself with the front panel controls for easy operation.



Figure 4.1: Front Panel Layout of the KDC-BT782HD.

- **SRC (Source) Button:** Turns the unit on/off and cycles through audio sources (CD, USB, Bluetooth, HD Radio, SiriusXM, AUX).
- **Volume Knob:** Rotates to adjust volume. Press to access audio settings.
- **Band/Disp Button:** Changes radio band (FM1, FM2, FM3, AM, HD Radio) or display information.
- **Voice Button:** Activates Alexa or other voice assistant functions.
- **Preset Buttons (1-6):** Store and recall radio stations or SiriusXM channels.

## 4.2 Bluetooth Pairing

1. Ensure Bluetooth is enabled on your mobile device.
2. On the KDC-BT782HD, press the **SRC** button to select the Bluetooth audio source.
3. Access the Bluetooth menu on the receiver (usually by pressing the volume knob and navigating).
4. Select 'Pairing' or 'Device Search'.
5. On your mobile device, search for Bluetooth devices and select 'KDC-BT782HD'.
6. Confirm the pairing code if prompted.

## 4.3 HD Radio Operation

When listening to an FM or AM station, the receiver will automatically tune to the HD Radio broadcast if available. The 'HD' indicator will illuminate on the display. You can access additional HD2/HD3 sub-channels by pressing the seek buttons.

## 4.4 SiriusXM Operation

With the included SXV300V1 tuner connected, select 'SiriusXM' as the source. To activate your SiriusXM subscription, tune to Channel 184 (Preview Channel) and follow the on-screen instructions or visit [siriusxm.com/activate](http://siriusxm.com/activate).

## 4.5 Alexa Built-in

Connect your smartphone via Bluetooth and ensure the KENWOOD Remote App is installed and configured. Press the **Voice** button on the receiver to activate Alexa. Speak commands clearly into the microphone.

## 4.6 Spotify and Pandora

Connect your iPhone or Android phone via Bluetooth or USB. Select the Spotify or Pandora source on the receiver. The receiver will control the app on your phone, allowing you to browse and play music directly from the head unit.

## 4.7 USB Playback

Insert a USB storage device into the front USB port. The receiver will automatically switch to the USB source and begin playback. Use the seek/track buttons to navigate through files and folders.

## 4.8 CD Playback

Insert a CD into the disc slot. The receiver will automatically switch to the CD source and begin playback. Use the seek/track buttons to navigate tracks.

# 5. MAINTENANCE

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## 5.1 Cleaning

Wipe the front panel with a soft, dry cloth. For stubborn dirt, dampen the cloth with water. Avoid using abrasive cleaners, solvents, or alcohol, as these can damage the finish.

## 5.2 Fuse Replacement

If the unit does not power on, check the vehicle's fuse box and the fuse located on the rear of the receiver. Replace blown fuses with a new fuse of the same amperage rating. Refer to the installation guide for fuse location and rating.

# 6. TROUBLESHOOTING

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| Problem                       | Possible Cause   | Solution  |
|-------------------------------|--|---|
| No power                      | Blown fuse; incorrect wiring                             | Check and replace fuses; verify wiring connections.   |
| No sound                      | Volume too low; mute activated; incorrect speaker wiring | Increase volume; check mute status; verify speaker connections.                               |
| Bluetooth not connecting      | Device not in pairing mode; receiver not discoverable    | Ensure both devices are in pairing mode; delete previous pairings and try again.              |
| CD/USB playback issues        | Damaged disc/file; incompatible format                   | Try a different disc/USB device; ensure files are in supported formats (MP3, WMA, AAC, FLAC). |
| SiriusXM not receiving signal | Antenna obstruction; tuner not activated                 | Ensure clear view of sky for antenna; activate subscription.                                  |

# 7. SPECIFICATIONS

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- **Product Dimensions:** 19 x 9 x 15 inches
- **Item Weight:** 3.69 pounds
- **Connectivity Technology:** Bluetooth, USB
- **Controller Type:** Amazon Alexa, Android
- **Compatible Devices:** Smartphone, Speaker
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 3.0

- **Pre-Outs:** (3) 4V
- **Special Features:** HD Radio, Alexa Built-in, Spotify, Pandora, SiriusXM Ready

## 8. WARRANTY AND SUPPORT

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This KENWOOD product is covered by a limited warranty. Please refer to the warranty card included in the packaging for specific terms and conditions, including warranty period and coverage details.

For technical support, service, or further inquiries, please visit the official Kenwood website or contact their customer service department. You can also visit the [Kenwood Store on Amazon](#) for additional product information.