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KENWOOD KDC-110U

Kenwood KDC-110U Car Stereo Instruction Manual

Model: KDC-110U

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kenwood KDC-110U car stereo. Please read this manual thoroughly before using the unit to ensure proper operation and to prevent damage. Keep this manual in a safe place for future reference.



Image: Front view of the Kenwood KDC-110U car stereo, showing the display, control knob, and various buttons for operation.

SAFETY INFORMATION

To ensure safe operation, observe the following precautions:

- Do not operate the unit in any way that distracts you from driving. Always keep your attention on the road.
- Avoid installing the unit where it might obstruct the driver's view or interfere with vehicle operation.

- Ensure all wiring is correctly connected to prevent short circuits or damage to the vehicle's electrical system.
- Do not disassemble or modify the unit. Refer servicing to qualified personnel.
- Keep the volume at a level that allows you to hear outside sounds, such as emergency vehicle sirens.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. If you are unsure about any steps, consult a professional installer.

Wiring Connections

Before making any connections, disconnect the vehicle's negative battery terminal to prevent short circuits. Connect the wires as follows:

- **Yellow Wire:** Connect to the vehicle's constant 12V power supply.
- **Red Wire:** Connect to the vehicle's accessory (switched 12V) power supply.
- **Black Wire:** Connect to the vehicle's chassis ground.
- **Blue/White Wire:** Connect to the power antenna or amplifier remote turn-on lead.
- **Speaker Wires:** Connect to the corresponding positive (+) and negative (-) terminals of your vehicle's speakers. Ensure correct polarity.
- **RCA Pre-outs:** Connect to external amplifiers if used. The KDC-110U features 2.5V 2 Preouts.

Note: A detailed wiring diagram is typically included with the product packaging. Refer to that diagram for specific wire colors and functions.

Mounting the Unit

1. Install the mounting sleeve into the dashboard opening. Bend the tabs to secure it.
2. Connect all necessary wiring harnesses to the rear of the KDC-110U unit.
3. Slide the unit into the mounting sleeve until it locks into place.
4. Attach the trim ring and faceplate.

Initial Power-On

After installation, reconnect the vehicle's negative battery terminal. The unit should power on. Follow any on-screen prompts for initial setup, such as language selection or clock setting.

OPERATING INSTRUCTIONS

This section details the basic functions and controls of your Kenwood KDC-110U car stereo.

Basic Controls

- **Power Button:** Press to turn the unit on or off.
- **Volume Knob:** Rotate to adjust the audio volume. Press to access audio settings (Bass, Treble, Balance, Fader).
- **Source Button:** Press to cycle through available audio sources (Tuner, USB, CD, Bluetooth Audio, AUX).
- **Menu/Setup Button:** Press to enter the main menu for system settings.

Radio Tuner Operation

1. Press the **Source** button until "Tuner" is selected.

2. Press the **Band** button (if available) to switch between FM1, FM2, FM3, and AM bands.
3. Use the **Seek/Tune** buttons to automatically search for stations or manually tune.
4. To store a preset, tune to the desired station, then press and hold one of the numeric preset buttons (1-6) until you hear a beep.

USB Playback

The KDC-110U supports MP3, WMA, WAV, and FLAC audio formats via USB.

1. Insert a USB device into the USB port. The unit will automatically switch to USB source and begin playback.
2. Use the **Skip** buttons to navigate between tracks.
3. Use the **Folder Up/Down** buttons to navigate through folders on the USB device.
4. The USB port also provides 1A charging for compatible devices.

CD Playback

The KDC-110U is a USB CD receiver, supporting CD playback.

1. Insert an audio CD into the CD slot. The unit will automatically switch to CD source and begin playback.
2. Use the **Skip** buttons to navigate between tracks.
3. Use the **Play/Pause** button to control playback.

Bluetooth Pairing and Audio Streaming

The KDC-110U features built-in Bluetooth for hands-free calling and audio streaming.

1. On the KDC-110U, select the Bluetooth source.
2. On your smartphone or Bluetooth device, search for available devices. Select "KDC-110U" from the list.
3. If prompted, enter the PIN code (usually "0000").
4. Once paired, you can stream audio from your device to the car stereo. Use the unit's controls or your device to manage playback.

MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your car stereo.

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the faceplate and display. Do not use abrasive cleaners or solvents.
- **CD Slot Care:** Keep the CD slot free of dust and debris. Avoid inserting damaged or irregular-shaped discs.
- **USB Port:** Ensure the USB port is clean and free from foreign objects before inserting a USB device.

TROUBLESHOOTING

If you encounter issues with your KDC-110U, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Blown fuse, incorrect wiring, loose connection	Check vehicle fuses and unit's fuse. Verify all power and ground connections.

Problem	Possible Cause	Solution
No sound	Volume too low, mute activated, incorrect speaker wiring, amplifier issue	Increase volume. Check if mute is on. Verify speaker connections and amplifier status.
USB device not recognized	Incompatible format, damaged device, full device, incorrect file system	Ensure USB device is formatted to FAT16/32. Check for supported audio formats. Try a different USB device.
Bluetooth pairing fails	Device not in pairing mode, incorrect PIN, interference	Ensure both devices are in pairing mode. Re-enter PIN. Move closer to the unit.
Unit freezes or malfunctions	Software glitch, temporary error	Press the reset button (usually a small button requiring a pointed object). Disconnect and reconnect battery.

SPECIFICATIONS

Key technical specifications for the Kenwood KDC-110U car stereo:

Feature	Specification
Brand	KENWOOD
Model	KDC-110U
Compatible Devices	Smartphone, Speaker
Special Features	Built-In Bluetooth, FM Tuner
Audio Output Type	Bluetooth, RCA
Connector Type	USB
Media Format Support	MP3 Audio, WAV, WMA, FLAC
Audio Output Mode	Stereo
Preouts	2.5V 2 Preouts
USB Charging	1A
Controller Type	Mechanical knob, Bluetooth
Supported Internet Services	Pandora, Spotify (via connected smartphone)

WARRANTY AND SUPPORT

Kenwood products are manufactured to high-quality standards and are backed by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Kenwood website.

For technical support, service, or further assistance, please contact Kenwood customer service or an authorized Kenwood service center. Keep your purchase receipt and product model number (KDC-110U) handy when contacting support.

