

Kenwood DMX5020DABS

Kenwood DMX5020DABS Car Stereo Receiver User Manual

Model: DMX5020DABS

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kenwood DMX5020DABS Car Stereo Receiver. The DMX5020DABS is a high-resolution dual DIN WVGA monitor featuring a glossy capacitive touch screen, designed for an intuitive user experience.

Key features include:

- 17.3 cm (6.8") high-resolution WVGA monitor with capacitive touch screen
- Responsive controls and clear user interface with multi-language display
- Integrated FM RDS tuner with 24 memory stations
- Compatibility with Apple CarPlay and Android Auto via USB
- Compact design (75mm depth) without a CD/DVD player

2. PACKAGE CONTENTS

Please verify that all items are present in the package before proceeding with installation:

- Kenwood DMX5020DABS Car Stereo Receiver Unit
- Mounting Frame
- Front Panel
- Hands-free Microphone with 3m Cable
- Necessary Installation Tools (if included by manufacturer)

3. PRODUCT OVERVIEW

Familiarize yourself with the main components and controls of your DMX5020DABS unit.



Figure 3.1: Front view of the Kenwood DMX5020DABS unit displaying the Apple CarPlay interface. The unit features a large touchscreen, with physical buttons for volume, home, menu, display off, and voice control on the left bezel.



Figure 3.2: Front view of the Kenwood DMX5020DABS unit displaying the Android Auto interface. This image highlights the unit's sleek design and the clear display of the Android Auto system.



Figure 3.3: Side view of the Kenwood DMX5020DABS unit with a blank screen, illustrating its compact depth and the placement of the physical control buttons on the left side.

3.1. Front Panel Controls

- **VOL ▲/▼ (Volume Up/Down):** Adjusts the audio output level.
- **HOME:** Returns to the main menu screen.
- **MENU:** Accesses system settings and various function menus.
- **DISP OFF:** Turns the display off for reduced distraction during night driving.
- **VOICE:** Activates voice control features (e.g., Siri, Google Assistant) when connected to a compatible smartphone.

4. SETUP

4.1. Installation

Installation of the Kenwood DMX5020DABS requires technical knowledge and should ideally be performed by a qualified professional. Incorrect installation can lead to damage to the unit or vehicle's electrical system.

- **Wiring:** Connect the power, ground, speaker, and accessory wires according to the wiring diagram provided in the separate installation guide. Ensure all connections are secure and properly insulated.
- **Mounting:** Use the supplied mounting frame to secure the unit in your vehicle's dashboard. Ensure the unit is firmly seated to prevent vibration.
- **Microphone Placement:** Install the hands-free microphone in a location that allows for clear voice pickup, typically on the sun visor or near the rearview mirror.

4.2. Initial Power On and Basic Settings

After installation, turn on your vehicle's ignition to power the unit. The first time you power on, you may be prompted

to set basic configurations.

1. **Language Selection:** Choose your preferred display language from the available options.
2. **Date and Time:** Set the current date and time.
3. **Region Settings:** Configure radio frequency steps and other region-specific settings.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. To turn off the display or put the unit in standby, press and hold the HOME button or use the DISP OFF button.
- **Volume Control:** Use the VOL ▲/▼ buttons on the left bezel or the on-screen volume slider.
- **Menu Navigation:** Tap the MENU button or the on-screen menu icon to access various functions and settings. Swipe left/right on the touchscreen to navigate through pages.

5.2. Radio Function (FM RDS Tuner)

The DMX5020DABS features an FM RDS tuner for clear radio reception.

1. From the main menu, select the "Radio" or "Tuner" icon.
2. Use the on-screen controls to scan for stations, manually tune, or select from preset stations.
3. To save a station, tune to the desired frequency and press and hold one of the preset buttons on the screen.

5.3. Smartphone Integration (Apple CarPlay & Android Auto)

The unit supports seamless integration with Apple CarPlay and Android Auto for enhanced smartphone functionality.

5.3.1. Apple CarPlay

Connect your iPhone to the unit's USB port using a certified USB cable. CarPlay will automatically launch, mirroring your iPhone's compatible apps on the receiver's screen.



Figure 5.1: Example of the Apple CarPlay interface displayed on the Kenwood DMX5020DABS, showing various compatible applications.

- Access navigation, music, messages, and more directly from the receiver's screen.
- Use Siri voice commands by pressing the VOICE button on the unit or saying "Hey Siri" (if enabled on your iPhone).

5.3.2. Android Auto

Connect your Android smartphone to the unit's USB port. Ensure Android Auto is installed on your phone. The system will automatically launch, providing access to navigation, communication, and entertainment apps.



Figure 5.2: Example of the Android Auto interface displayed on the Kenwood DMX5020DABS, showcasing various compatible applications like Maps, Spotify, and Phone.

- Utilize Google Assistant for voice commands by pressing the VOICE button or saying "Hey Google".
- Access Google Maps, Spotify, WhatsApp, and other compatible apps.

5.4. Bluetooth Connectivity

The unit supports Bluetooth for hands-free calling and audio streaming.

1. Enable Bluetooth on your smartphone and make it discoverable.
2. On the DMX5020DABS, navigate to the Bluetooth settings menu.
3. Search for available devices and select "Kenwood DMX5020DABS" (or similar name) from the list.
4. Confirm the pairing code on both devices if prompted.

5.5. USB Playback

Connect a USB storage device (e.g., USB flash drive) to the unit's USB port to play audio or video files.

- Ensure the USB device is formatted correctly (FAT32 recommended).
- Navigate to the "USB" or "Media" source on the unit to browse and play files.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your unit.

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronic screens. Do not use abrasive

cleaners or solvents. Gently wipe the screen to remove dust and fingerprints.

- **General Cleaning:** Wipe the unit's exterior with a soft, dry cloth. Avoid spraying liquids directly onto the unit.
- **Firmware Updates:** Periodically check the Kenwood support website for firmware updates to ensure your unit has the latest features and bug fixes.

7. TROUBLESHOOTING

If you encounter issues with your DMX5020DABS, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check wiring connections; Inspect and replace fuses; Ensure vehicle ignition is on.
No Sound	Volume too low; Mute activated; Speaker wiring issue.	Increase volume; Deactivate mute function; Check speaker connections.
Apple CarPlay/Android Auto not launching	Faulty USB cable; Phone not compatible; Software issue on phone.	Use a certified USB cable; Ensure phone OS is up-to-date; Restart phone and unit.
Bluetooth pairing failure	Bluetooth not enabled on phone/unit; Incorrect pairing process.	Ensure Bluetooth is on and discoverable; Follow pairing steps carefully; Restart both devices.
Touchscreen unresponsive	Temporary software glitch; Screen dirty.	Restart the unit (turn vehicle ignition off/on); Clean the screen.

If the problem persists after trying these solutions, please contact Kenwood customer support or a qualified service technician.

8. SPECIFICATIONS

Detailed technical specifications for the Kenwood DMX5020DABS.

Model	DMX5020DABS
Manufacturer	JVCKenwood
Display Size	17.3 cm (6.8")
Display Type	WVGA Capacitive Touch Screen
Dimensions (W x H x D)	7.17 x 4.41 x 2.95 inches (approx. 18.2 x 11.2 x 7.5 cm)
Item Weight	4.03 pounds (approx. 1.83 kg)
Wattage	50 watts
Connectivity Technology	Bluetooth, USB
Special Features	Android Auto, Apple CarPlay
Audio Output Mode	Stereo

Surround Sound Channel Configuration	4
Color	Black

9. WARRANTY AND SUPPORT

Your Kenwood DMX5020DABS Car Stereo Receiver is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details.

For technical support, product registration, or to find authorized service centers, please visit the official Kenwood support website:

[Visit Kenwood Global Support](#)

You may also find helpful resources and FAQs on the Kenwood brand store page on Amazon: [Kenwood Store on Amazon](#).