

## Kenwood KMM-BT332U

# KENWOOD KMM-BT332U Digital Media Receiver User Manual

Model: KMM-BT332U

## 1. INTRODUCTION

Thank you for purchasing the KENWOOD KMM-BT332U Digital Media Receiver. This manual provides detailed instructions for the installation, operation, and maintenance of your new car stereo. Please read this manual thoroughly before use to ensure proper operation and to maximize your listening experience. This unit is designed to provide high-quality audio playback and seamless connectivity with various devices.

## 2. PRODUCT OVERVIEW



**Figure 2.1: Front Panel View.** This image displays the front panel of the KMM-BT332U, highlighting the multi-color LCD, control knob, USB port, and various function buttons.



**Figure 2.2: Angled Front View.** An angled perspective of the unit, emphasizing the sleek design and the detachable faceplate feature for security.



**Figure 2.3: Rear Panel Connections.** This view shows the rear of the stereo, detailing the wiring harness connector, RCA preamp outputs, and antenna input for system integration.

## 3. SETUP AND INSTALLATION

### 3.1. What's in the Box

- Digital media Car Stereo
- Face (attached), Trim ring (attached), Sleeve (installed)
- Wiring harness
- Microphone with bracket (attached 10' cable terminated by a right-angle mono 3.5mm connector)
- 2 Removal tools
- Face-fixing screw
- Quick Start Guide
- Warranty Card

### 3.2. Installation Guidelines

The KMM-BT332U is a single DIN unit. Ensure your vehicle's dashboard opening is compatible. The installation size is approximately 7-3/16" (182mm) W x 2-1/8" (53mm) H x 3-15/16" (100mm) D. Professional installation is recommended for optimal performance and safety.

### 3.3. Connections

- **Power and Speaker Connections:** Use the provided wiring harness to connect to your vehicle's power supply and speakers. Refer to the wiring diagram in the Quick Start Guide for specific connections.

- **Front USB Input:** Located on the front panel, this USB 1.5A connection charges devices quickly and supports playback of MP3, WMA, WAV, ACC, and high-res FLAC and WAV music files.
- **Front Auxiliary (AUX) Input:** A 3.5mm jack on the front panel for connecting external audio devices.
- **6-Channel Preamp Outputs:** (2.5-volt rear, sub) These RCA outputs allow connection to external amplifiers for enhanced audio systems, including dedicated subwoofer amplification.
- **Microphone Input:** Connect the included microphone to enable hands-free calling and voice control features.

## 4. OPERATING INSTRUCTIONS

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### 4.1. Basic Operation

- **Power On/Off:** Press the **SRC** button to turn the unit on. Press and hold the **SRC** button to turn it off.
- **Source Selection:** Press the **SRC** button repeatedly to cycle through available audio sources (FM, AM, USB, Bluetooth, AUX).
- **Volume Control:** Rotate the large central knob to adjust the volume level.
- **Display Color:** The multi-color LCD display allows for variable-color illumination. Refer to the detailed manual for instructions on customizing display colors to match your vehicle's interior lighting.

### 4.2. Bluetooth and Smartphone Features

- **Bluetooth Pairing:** Enable Bluetooth on your smartphone and search for available devices. Select "KMM-BT332U" from the list to pair. The unit supports dual phone connection, allowing two phones to be connected simultaneously.
- **Hands-Free Calling:** Once paired, phone calls will automatically route through the stereo. Use the dedicated phone button on the unit to answer or end calls. Voice recognition dialing is also supported.
- **Audio Streaming:** Stream music wirelessly from your Bluetooth-enabled device. The Music Mix feature allows music streaming playback and control from up to five paired smartphones.
- **Amazon Alexa Built-in:** Activate Alexa by pressing the dedicated voice button. Use voice commands to control music, get directions, make calls, and more.
- **Apple Music & iPod/iPhone Control:** Connect your Apple device via USB for direct control and access to your music library.

### 4.3. Audio Settings

- **13-Band Equalizer:** Access the equalizer settings to fine-tune the audio output to your preference. Adjust individual frequency bands for optimal sound.
- **Digital Time Alignment:** This feature allows you to adjust the timing of the sound from each speaker, ensuring that the sound reaches your ears simultaneously for a more focused and accurate soundstage.
- **Sound-Shaping Tools:** Utilize various sound-shaping tools to enhance your digital music library, providing a richer and more dynamic audio experience.

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your KMM-BT332U, follow these maintenance guidelines:

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the front panel. For stubborn dirt, dampen the cloth with water. Never use abrasive cleaners, waxes, or solvents.
- **Detachable Faceplate:** When detaching the faceplate, handle it carefully to avoid scratching the display or damaging the connectors. Store it in the provided case when not in use.
- **USB Port:** Keep the USB port free of dust and debris. Avoid inserting foreign objects.

## 6. TROUBLESHOOTING

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If you encounter issues with your KMM-BT332U, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power connections; Replace fuse; Check vehicle battery.
No Sound	Volume too low; Mute activated; Incorrect speaker wiring; Amplifier issue.	Increase volume; Deactivate mute; Check speaker connections; Verify amplifier operation.
Bluetooth Pairing Fails	Device not in pairing mode; Interference; Unit already paired to max devices.	Ensure device is discoverable; Move closer to unit; Delete old pairings and retry.
USB Playback Error	Unsupported file format; USB device not formatted correctly; Damaged USB device.	Ensure files are supported (MP3, WMA, WAV, ACC, FLAC); Format USB to FAT32/exFAT; Try a different USB device.

For more complex issues, consult the full user manual or contact Kenwood customer support.

## 7. SPECIFICATIONS

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- **Model Number:** KMM-BT332U
- **Product Dimensions:** 9 x 8 x 4 inches (approximate)
- **Item Weight:** 1.3 pounds
- **Connectivity Technology:** Bluetooth, Auxiliary, USB
- **Controller Type:** Android (compatible)
- **Special Feature:** Equalizer
- **Compatible Devices:** Smartphone, Speaker
- **Connector Type:** USB, 3.5mm Jack
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 6 (via preamp outputs)
- **Color:** Black
- **Manufacturer:** KENWOOD
- **Amplifier:** Built-in MOSFET amplifier delivering 22 watts RMS/50 peak x 4 channels
- **Display:** 1.5-line display with variable-color illumination
- **Media Playback:** MP3, WMA, WAV, AAC, and high-res FLAC files (via USB)
- **CD Player:** Does not play CDs

## 8. WARRANTY & SUPPORT

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### 8.1. Warranty Information

The KENWOOD KMM-BT332U Digital Media Receiver comes with a **1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 8.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Kenwood customer support. You can find contact information and additional resources on the official Kenwood website: [www.kenwood.com](http://www.kenwood.com). For frequently asked questions and community support, you may also visit the Kenwood store page on Amazon: [Kenwood Store on Amazon](#).

