Alpine CDE-163BT

Alpine CDE-163BT Advanced Bluetooth CD Receiver

Model: CDE-163BT (Item Model Number: 79380)

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Alpine CDE-163BT Advanced Bluetooth CD Receiver. Please read this manual thoroughly before using the unit to ensure proper operation and to prevent damage. Keep this manual for future reference.

The Alpine CDE-163BT is a versatile car stereo receiver featuring advanced Bluetooth connectivity for hands-free calling and audio streaming, CD playback, USB input, and FM/AM tuner capabilities. It is designed to deliver high-quality audio performance and user-friendly control.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before beginning installation, verify that all components are present:

- Alpine CDE-163BT Head Unit
- Wiring Harness
- Mounting Sleeve and Trim Ring
- Microphone for Bluetooth Hands-Free Calling
- Owner's Manual (this document)
- Mounting Hardware (screws, brackets)

2.2 Wiring Diagram

Refer to the wiring diagram provided with the unit's installation guide for specific connections. Key connections include:

- **Power:** Yellow (constant 12V), Red (switched 12V), Black (ground).
- **Speakers:** White/White-Black (Front Left), Gray/Gray-Black (Front Right), Green/Green-Black (Rear Left),

Purple/Purple-Black (Rear Right).

- **Antenna:** Blue (power antenna/amplifier remote turn-on).
- **Microphone:** Connect the supplied microphone to the dedicated input for hands-free calling.

Caution: Incorrect wiring can cause damage to the unit or vehicle's electrical system. If you are unsure about any wiring connections, consult a qualified professional installer.

2.3 Initial Power On

After installation, turn on your vehicle's ignition. The unit should power on. Follow any on-screen prompts for initial setup, such as language selection or clock setting.

Figure 2.3.1: Front panel of the Alpine CDE-163BT receiver. This image displays the main controls, including the large rotary knob, source button, setup button, and display screen showing "TUNEIT" and "Bass" indicators.

3. OPERATION

3.1 Front Panel Controls Overview

Familiarize yourself with the main controls on the front panel:

Figure 3.1.1: Detailed view of the Alpine CDE-163BT front panel. Key controls include the SOURCE button (left, illuminated), SETUP button (top left), large central rotary knob for volume and selection, BASS/OPTION button, VOICE CTRL button, and various preset/track skip buttons along the bottom.

- **SOURCE Button:** Selects the audio source (CD, Tuner, USB, Bluetooth Audio, AUX).
- **SETUP Button:** Accesses the main setup menu for system adjustments.
- **Rotary Knob (Volume/ENTER):** Turns to adjust volume. Press to confirm selections in menus.
- **BASS/OPTION Button:** Provides quick access to bass settings or other options depending on the current mode.
- **VOICE CTRL Button:** Activates voice control features on connected smartphones.
- **BAND Button:** Switches between FM1, FM2, FM3, and AM bands in tuner mode.
- **TUNE/A.ME/II Buttons:** Used for manual tuning, auto memory, and play/pause functions.
- **Track Skip/Preset Buttons (1-6):** Used for skipping tracks or selecting radio presets.
- **DIM Button:** Adjusts display brightness.

3.2 Power On/Off and Source Selection

- To turn the unit **ON**, press any button (e.g., SOURCE or the Rotary Knob).
- To turn the unit **OFF**, press and hold the power button (often integrated with the TUNE/A.ME button).
- Press the **SOURCE** button repeatedly to cycle through available audio sources: CD, Tuner, USB, Bluetooth Audio, AUX.

3.3 Volume Control

Rotate the large central **Rotary Knob** clockwise to increase volume and counter-clockwise to decrease volume.

3.4 Audio Settings

Press the **BASS/OPTION** button or navigate through the SETUP menu to adjust audio settings such as Bass, Treble, Balance (left/right), and Fader (front/rear). Use the Rotary Knob to adjust values and press it to confirm.

3.5 Radio Operation (FM/AM Tuner)

- Select "Tuner" as the source using the **SOURCE** button.
- Press the **BAND** button to switch between FM1, FM2, FM3, and AM bands.
- **Manual Tuning:** Press the **TUNE** buttons (◀ / ▶) to manually tune frequencies.
- **Seek Tuning:** Press and hold the **TUNE** buttons to automatically seek the next strong station.
- **Preset Stations:** To store a station, tune to the desired frequency, then press and hold one of the numbered preset buttons (1-6) until you hear a beep. To recall a preset, simply press the corresponding numbered button.

3.6 CD Playback

- Insert a CD into the disc slot. The unit will automatically switch to CD source and begin playback.
- Use the ◀ / ▶ buttons to skip tracks.
- Press the **TUNE/A.ME/II** button for Play/Pause.
- Press the **ABC SEARCH** button to search for tracks by name.

3.7 Bluetooth Connectivity

The CDE-163BT features built-in Bluetooth for hands-free calling and audio streaming.

3.7.1 Pairing a Bluetooth Device

1. Ensure Bluetooth is enabled on your mobile device.
2. On the CDE-163BT, go to the SETUP menu and select "Bluetooth Setup".
3. Choose "Pairing" or "Device Search".
4. On your mobile device, search for available Bluetooth devices and select "Alpine CDE-163BT".
5. Confirm the pairing code if prompted. Once paired, the Bluetooth icon on the receiver's display will illuminate.

3.7.2 Hands-Free Calling

- When a call comes in, the unit will display the caller ID. Press the **ENTER** button (Rotary Knob) to answer.
- To end a call, press the **ENTER** button again.
- Use the supplied microphone for clear communication.
- Press the **VOICE CTRL** button to activate your smartphone's voice assistant.

3.7.3 Bluetooth Audio Streaming

- Select "Bluetooth Audio" as the source.
- Start playback on your paired mobile device. Audio will stream through the receiver.
- Use the ◀ / ▶ buttons on the receiver to skip tracks.

3.8 USB Playback

- Connect a USB storage device (e.g., USB flash drive) to the USB port.
- Select "USB" as the source. The unit will automatically detect and begin playing compatible audio files (including FLAC format).
- Use the ◀ / ▶ buttons to skip tracks.
- The unit supports various audio formats.

3.9 Pandora and SiriusXM Ready

- **Pandora:** Connect your iPhone or Android smartphone via USB or Bluetooth and launch the Pandora app.

Select Pandora as the source on the receiver to control the app.

- **SiriusXM:** This unit is SiriusXM Ready. An optional SiriusXM Connect Vehicle Tuner and subscription are required for satellite radio reception. Connect the tuner and select SiriusXM as the source.

3.10 Display Settings

- Press the **DIM** button to adjust the display brightness.
- Access the SETUP menu to customize display colors for buttons and the screen.

4. MAINTENANCE

4.1 Cleaning the Unit

Wipe the front panel with a soft, dry cloth. For stubborn stains, dampen the cloth lightly with water. Avoid using harsh chemicals, abrasive cleaners, or solvents as they can damage the finish.

4.2 Disc Care

Handle CDs by their edges. Keep discs clean and free of scratches. If a disc is dirty, wipe it gently from the center outwards with a soft, lint-free cloth. Do not use solvents or abrasive cleaners on discs.

5. TROUBLESHOOTING

If you experience issues with your CDE-163BT, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check power connections; Replace fuse; Turn vehicle ignition on.
No sound	Volume too low; Mute activated; Incorrect speaker wiring; Amplifier off.	Increase volume; Deactivate mute; Check speaker connections; Check amplifier power.
Bluetooth not connecting	Device not in pairing mode; Bluetooth off on phone; Interference.	Ensure phone Bluetooth is on and discoverable; Re-attempt pairing; Move closer to unit.
CD skips or won't play	Dirty or scratched disc; Disc inserted incorrectly.	Clean disc; Insert disc correctly; Try a different disc.
USB device not recognized	Incompatible format; Damaged USB device; Loose connection.	Ensure files are compatible; Try a different USB device; Reconnect USB device.

If the problem persists after attempting these solutions, please contact Alpine customer support.

6. SPECIFICATIONS

Below are the technical specifications for the Alpine CDE-163BT Advanced Bluetooth CD Receiver:

- **Model Number:** 79380
- **Product Dimensions:** 5 x 11 x 10 inches
- **Item Weight:** 4.05 pounds (4.1 Pounds)
- **Wireless Communication Technologies:** Bluetooth
- **Connectivity Technologies:** Bluetooth

- **Special Features:** Built-In Bluetooth, FM Tuner
- **Other Display Features:** Wireless
- **Color:** BLACK
- **Manufacturer:** Alpine
- **Connectivity Technology:** Bluetooth
- **Compatible Devices:** Smartphone
- **Connector Type:** 3.5mm Jack, USB
- **Audio Output Mode:** Mono, Stereo
- **Surround Sound Channel Configuration:** 4 Channel
- **Wattage:** 200 watts
- **Date First Available:** January 19, 2016

7. WARRANTY AND CUSTOMER SUPPORT

7.1 Warranty Information

Alpine products are manufactured to the highest quality standards. This product is covered by a limited warranty. Please refer to the separate warranty card included with your purchase for specific terms, conditions, and duration of coverage. Retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Alpine customer support:

- **Website:** Visit the official Alpine website for support resources, FAQs, and contact forms.
- **Phone:** Refer to the Alpine website or your warranty card for regional customer service phone numbers.
- **Authorized Service Centers:** For repairs, locate an authorized Alpine service center through the official website.

When contacting support, please have your product model number (CDE-163BT) and serial number ready.