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## OBDLink CX101

# OBDLink CX Bimmercode Bluetooth 5.1 OBD2 Adapter User Manual

**Brand:** OBDLink

**Model:** CX101

## 1. INTRODUCTION

The OBDLink CX is a state-of-the-art wireless OBD adapter designed specifically for BMW and Mini vehicles, transforming your iOS or Android device into a powerful diagnostic scan tool and coding interface. It offers robust connectivity and advanced features for vehicle customization and maintenance.



Figure 1: OBDLink CX Bimmercode Bluetooth 5.1 OBD2 Adapter

## 2. WHAT'S IN THE BOX

Upon opening your OBDLink CX package, you should find the following items:

- OBDLink CX Scanner
- Compliance Insert
- Quick Start Guide
- Warranty Card

## 3. KEY FEATURES

The OBDLink CX offers a range of features designed for optimal performance and user experience:

- **Made for BimmerCode:** Recommended by the BimmerCode Team for seamless integration (app sold separately).
- **100% Vehicle Coverage:** Supports all vehicles, protocols, and advanced features compatible with BimmerCode.
- **Easy In-App Pairing:** Simple Bluetooth Low Energy pairing with both iOS and Android devices.
- **Advanced Sleep Mode:** Allows the device to remain plugged in without draining your vehicle's battery.
- **Overvoltage Protection:** Built-in protection against electrical surges.
- **Rock-Solid Connection:** Ensures stable data transfer, preventing data corruption and dropped packets, crucial for ECU coding.
- **Included OBDLink App:** Monitor live parameters, perform diagnostics, and clear check-engine lights.

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## MADE FOR BIMMERCODE

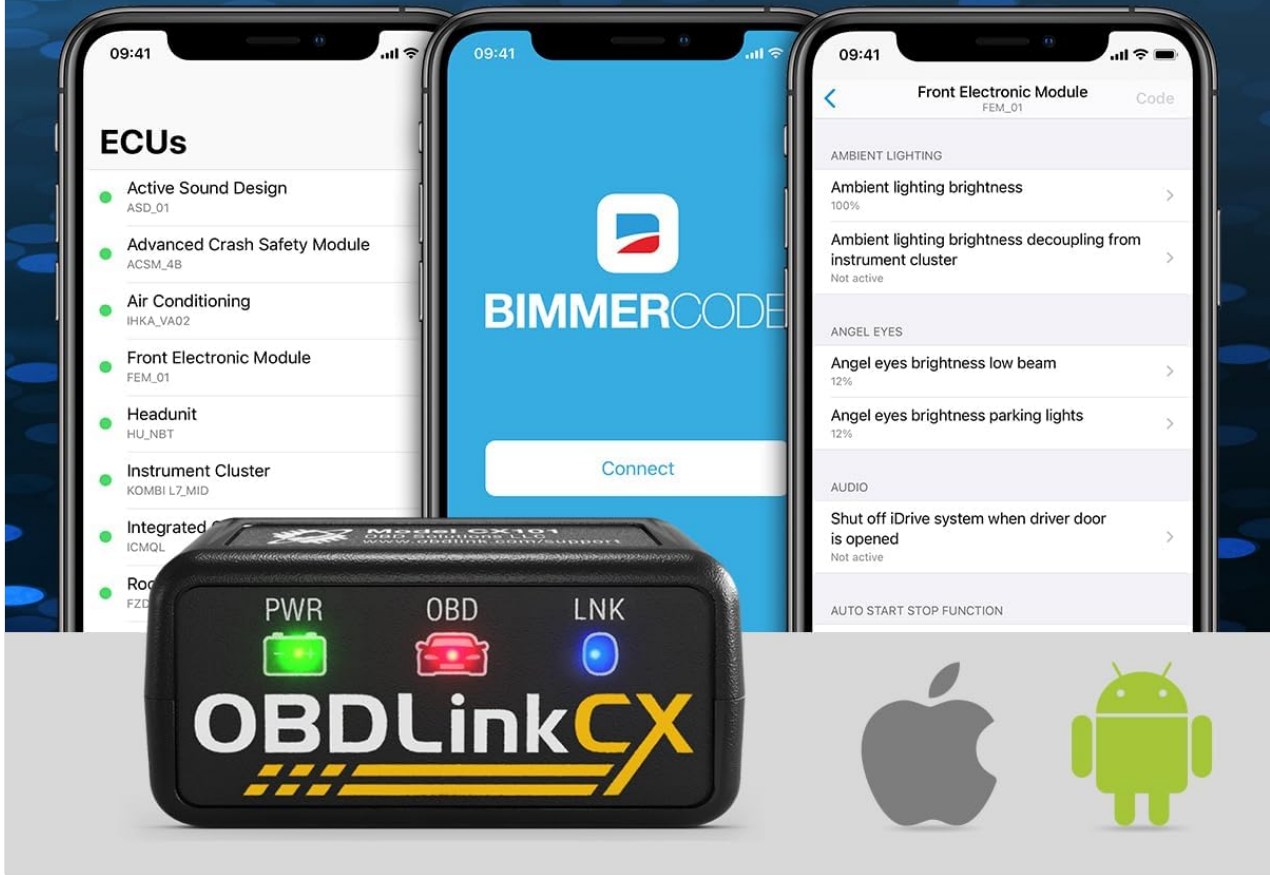


Figure 2: OBDLink CX designed for BimmerCode compatibility.

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## ROCK-SOLID CONNECTION

Figure 3: Stable and reliable connection for critical operations.

## 4. SETUP GUIDE

Follow these steps to set up your OBDLink CX adapter:

1. **Download the App:** Download the official OBDLink app from your device's app store (iOS or Android). For advanced coding, you will also need the BimmerCode app (sold separately).
2. **Locate OBD-II Port:** The OBD-II port is typically located under the dashboard on the driver's side of your vehicle.
3. **Plug in OBDLink CX:** Firmly plug the OBDLink CX adapter into your vehicle's OBD-II port.
4. **Start Engine:** Turn on your vehicle's ignition or start the engine.
5. **Connect via App:** Open the OBDLink app (or BimmerCode app) on your smartphone or tablet. The app will guide you through the Bluetooth pairing process. There are no complex system menus or phone settings to navigate for pairing.

For a visual guide on the setup process, please refer to the video below:

Your browser does not support the video tag.

Video 1: OBD Link CX BMW Scanner and Programmer. This video demonstrates the physical connection of the OBDLink CX to a BMW's OBD-II port and highlights its use for scanning and programming.

## 5. OPERATING INSTRUCTIONS

Once connected, the OBDLink CX allows you to perform various functions:

- **Live Parameter Monitoring:** View real-time data from your vehicle's sensors, such as engine temperature, RPM, fuel rate, and battery voltage.
- **Diagnostic Trouble Codes (DTCs):** Read and clear standard OBD-II compliant engine fault codes.
- **Vehicle Customization (with BimmerCode):** Access manufacturer-specific vehicle data to customize various features, including folding mirrors, auto start/stop, video in motion, door chimes, and more.
- **ECU Programming:** Perform coding operations on your vehicle's Electronic Control Units (ECUs) with confidence, thanks to the adapter's stable connection.
- **Backup Functionality:** The BimmerCode app allows you to back up the memory of each device before coding, enabling you to revert to original settings if needed.

For a detailed overview of the adapter's capabilities and how to utilize them, watch the video below:

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Video 2: Everything you need to know about this OBD reader CX. This video provides a comprehensive review of the OBDLink CX, detailing its features and practical applications for vehicle diagnostics and customization.

## 6. MAINTENANCE

The OBDLink CX is designed for durability and minimal maintenance. To ensure its longevity and optimal performance:

- **Keep Clean:** Wipe the device with a soft, dry cloth to remove dust or debris. Avoid using harsh chemicals or abrasive materials.
- **Proper Storage:** When not in use, store the adapter in a cool, dry place. Its compact size makes it easy to store in your car or toolbox.
- **Leave Plugged In:** Thanks to its advanced sleep mode and BatterySaver technology, the OBDLink CX can be left plugged into your vehicle's OBD-II port without draining the battery.



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Figure 4: OBDLink CX features for safe continuous connection.

## 7. TROUBLESHOOTING

If you encounter any issues with your OBDLink CX, consider the following common troubleshooting steps:

- **Connection Issues:** Ensure the adapter is firmly seated in the OBD-II port. Verify Bluetooth is enabled on your device and try restarting the app.
- **App Not Recognizing Device:** Close and reopen the app. If the issue persists, try restarting your mobile device.
- **Check Engine Light Persistence:** After clearing codes, if the check engine light reappears, it indicates an underlying issue that requires further diagnosis or professional attention.
- **Coding Errors:** If a coding operation fails, utilize the backup feature within the BimmerCode app to revert to previous settings.

For more detailed troubleshooting information, please refer to the official [Troubleshooting Guide \(PDF\)](#).

## 8. SPECIFICATIONS

Attribute	Value
Brand	OBDLink
Model	OBDLink CX (CX101)
Power Source	Vehicle
Product Dimensions	1.8"L x 1.3"W x 0.9"H
Operating System Compatibility	iOS, Android
Connectivity	Bluetooth 5.1 Low Energy
Item Weight	2.46 ounces
Country of Origin	China
Manufacturer	OBD Solutions
Voltage	12 Volts (DC)



## 9. WARRANTY & SUPPORT




The OBDLink CX comes with a **3-Year Warranty**, ensuring peace of mind regarding your purchase. OBDLink also provides lifetime firmware upgrades for the device.

For technical assistance, product inquiries, or warranty claims, please visit the official OBDLink support website or contact their U.S.-based support team:

- **Official User Guide:** [Installation Manual \(PDF\)](#)
- **Troubleshooting Guide:** [Troubleshooting Guide \(PDF\)](#)
- **Online Support:** Refer to the support information provided in your product packaging or visit the OBDLink website for further assistance.

### Related Documents - CX101

	<p><a href="#">OBDLink SX Quick Start Guide for Windows</a></p> <p>A step-by-step guide to installing and connecting the OBDLink SX USB adapter with OBDwiz software on Windows computers for automotive diagnostics.</p>
	<p><a href="#">OBDLink CX Getting Started Guide</a></p> <p>A concise guide to setting up and using the OBDLink CX Bluetooth OBD-II interface, including regulatory compliance information and step-by-step connection instructions.</p>

<div><p>OBDLink MX+</p><p>OEM-Specific Enhanced Diagnostics Support Coverage</p></div>	<p><a href="#">OBDLink MX+ Enhanced Diagnostics Support Guide</a></p> <p>Discover the comprehensive OEM-specific diagnostic capabilities and extensive vehicle compatibility of the OBDLink MX+ device, detailing supported modules and model years for a wide range of automotive manufacturers.</p>
<div><p>OBDLink MX+</p><p>OEM-Specific Enhanced Diagnostics Support Coverage</p></div>	<p><a href="#">OBDLink MX+ Enhanced Vehicle Diagnostics Coverage Guide</a></p> <p>Explore the extensive OEM-specific enhanced diagnostics support provided by the OBDLink MX+ automotive scan tool. This guide details vehicle coverage, including supported modules and diagnostic capabilities for a wide range of car makes and models.</p>
	<p><a href="#">OBDLink MX Bluetooth Android Quick Start Guide</a></p> <p>A quick start guide for connecting the OBDLink MX Bluetooth adapter to an Android device, covering app installation, Bluetooth pairing, and initial setup for vehicle diagnostics.</p>
<div><p><b>OBDLinkEX</b> EX</p><p>Getting Started</p><ol style="list-style-type: none"><li>Download and install the app For iOS: <a href="#">OBDLinkEX</a> For Android: <a href="#">OBDLinkEX</a></li><li>Connect OBDLink EX to the PC • Plug the USB cable into the computer • Plug the OBDLink EX into the vehicle</li><li>Play OBDLink EX into the vehicle • OBDLink EX is already installed under the driver's side dashboard • OBDLink EX is ready to use</li><li>Start the engine • Make sure the engine is in "idle" mode</li><li>Launch app • In the app, click the "Connect" button. Your OBDLink EX is now ready to use.</li></ol><p>Need assistance? <a href="#">OBDLinkEX Support</a></p><p>***** Thank you for your purchase! *****</p><p>If you like OBDLink EX please post your review on <a href="#">Amazon</a></p><p>CC BY-NC-SA © 2018 OBD Solutions, Inc. All rights reserved. OBDLink EX is a registered trademark of OBD Solutions, Inc. All other trademarks are the property of their respective owners.</p></div>	<p><a href="#">OBDLink EX: Getting Started Guide and Limited Warranty Information</a></p> <p>Learn how to get started with your OBDLink EX OBD scanner, including setup, connection, and details on the three-year limited warranty provided by OBD Solutions.</p>