OBDLink OBDLink SX

OBDLink SX USB Professional Grade OBD-II Automotive Scan Tool

USER MANUAL

1. Introduction and Overview

The OBDLink SX USB is a professional-grade OBD-II automotive scan tool designed to transform your Windows PC, laptop, or tablet into a powerful diagnostic device. It enables users to read and clear 'Check Engine' lights, retrieve trouble codes, and monitor real-time engine data for most 1996 and newer cars and light trucks sold in the USA (excluding hybrid or electric vehicles).

This device connects to your vehicle's OBD-II port and to your computer via a standard USB-A connection, providing a reliable and fast communication link for vehicle diagnostics.

2. What's in the Box

- OBDLink SX USB Scanner
- Quick Start Guide

3. Setup Instructions

Follow these steps to set up your OBDLink SX USB device:

1. **Install Software:** Download and install the necessary diagnostic software, such as OBDwiz, from the official OBDLink website. A license key for OBDwiz is typically included with your purchase. Ensure your Windows operating system is up to date.

2. **Connect to PC:** Plug the USB-A end of the OBDLink SX USB device into an available USB-A port on your Windows PC, laptop, or tablet. If your device only has USB-C ports, a compatible USB-C to USB-A adapter will be required.

3. **Driver Installation:** The necessary drivers should install automatically upon connecting the device to your

computer. If not, refer to the Quick Start Guide or the OBDLink support website for manual driver installation instructions.

4. **Locate Vehicle OBD-II Port:** The OBD-II port is usually located under the dashboard on the driver's side of the vehicle. Consult your vehicle's owner's manual if you cannot locate it.

5. **Connect to Vehicle:** With the vehicle's ignition off, plug the 16-pin OBD-II connector of the OBDLink SX USB into your vehicle's OBD-II port. Ensure a secure connection.

Image: Front view of the OBDLink SX USB device, showing the OBD-II connector and the red USB cable.

Image: Back view of the OBDLink SX USB device, showing regulatory markings and the transparent red casing.

Image: The OBDLink SX USB device connected to a laptop via its USB cable, ready for diagnostic use.

4. Operating Instructions

Once the OBDLink SX USB is physically connected to your vehicle and computer, you can begin diagnostics:

1. **Turn On Ignition:** Turn your vehicle's ignition to the 'ON' position (engine can be off or running, depending on the diagnostic task).

2. **Launch Software:** Open the diagnostic software (e.g., OBDwiz) on your Windows PC.

3. **Establish Connection:** Within the software, select the OBDLink SX USB device and establish a connection to the vehicle. The software will typically guide you through this process.

4. **Perform Diagnostics:**
   - **Read Trouble Codes:** Access the 'Trouble Codes' or 'DTCs' section to view any stored diagnostic trouble codes and their descriptions.
   - **Clear Trouble Codes:** After addressing a vehicle issue, use the 'Clear Codes' function to turn off the 'Check Engine' light.
   - **View Live Data:** Monitor various engine parameters in real-time, such as RPM, vehicle speed, coolant temperature, oxygen sensor readings, and fuel trim.
   - **Generate Reports:** Many software applications allow you to save or print diagnostic reports for record-keeping.

5. **Disconnect:** When finished, disconnect the software from the vehicle, turn off the vehicle's ignition, and then unplug the OBDLink SX USB device from the OBD-II port and your computer.

Image: The OBDLink SX USB device connected to a laptop, with the laptop screen displaying a diagnostic software interface showing various gauges and data points.

5. Maintenance

Proper care ensures the longevity and performance of your OBDLink SX USB:

- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Keep the connectors free from dust and debris.
- **Software Updates:** Regularly check the official OBDLink website for firmware and software updates to ensure optimal performance and compatibility with the latest vehicle models and diagnostic protocols.
- **Cable Care:** Avoid bending or kinking the USB cable excessively. Do not pull on the cable to disconnect the device; always grasp the connector.

6. Troubleshooting

If you encounter issues with your OBDLink SX USB, consider the following:

- **Device Not Recognized:**
  - Ensure the USB cable is securely connected to both the device and your computer.
  - Try a different USB port on your computer.
  - Verify that the drivers are correctly installed. Check your computer's Device Manager for any unknown devices or driver errors.
  - Restart your computer.

- **Cannot Connect to Vehicle:**
  - Ensure the OBD-II connector is firmly seated in the vehicle's port.
  - Confirm the vehicle's ignition is in the 'ON' position.
  - Check if your vehicle is OBD-II compliant (generally 1996 and newer for US vehicles).

- Verify that the diagnostic software is correctly configured to use the OBDLink SX USB device.

- **Software Issues:**
  - Ensure you are using the latest version of the diagnostic software.
  - Consult the software's help documentation or support resources.

- **Intermittent Connection:**
  - Check for any damage to the USB cable or connectors.
  - Ensure no other devices are interfering with the USB connection.

7. Specifications

Feature	Detail
Brand	OBDLink
Model	OBDLink SX
Item Model Number	SX101
Manufacturer Part Number	425801
Operating System Compatibility	Windows
Power Source	Vehicle OBD-II Port
Connectivity	USB-A
Item Weight	3.2 ounces
Product Dimensions	3.5 x 0.9 x 1.75 inches
UPC	897155000005

8. Warranty Information

The OBDLink SX USB comes with a**3-year warranty**. For detailed terms and conditions, please refer to the official OBDLink warranty policy available on their website or contact customer support.

Image: A black card with a gold seal indicating a '3 Year Warranty'.

9. Support

For technical assistance, troubleshooting, or any product-related inquiries, OBDLink offers U.S. based support. Please visit the official OBDLink website for contact information and support resources.

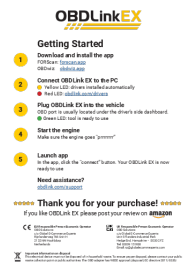Image: A graphic featuring a waving American flag with the text 'U.S. BASED SUPPORT' below it.

10. Important Notes

Please be aware that the OBDLink SX USB is no longer in production and has been superseded by the OBDLink EX. While the SX USB remains a functional and supported device, users seeking the latest features and compatibility may consider the newer model.

Related Documents - OBDLink SX

	OBDLink SX Quick Start Guide for Windows A step-by-step guide to installing and connecting the OBDLink SX USB adapter with OBDwiz software on Windows computers for automotive diagnostics.
	OBDLink MX+ Quick Start Guide A concise guide to setting up and using the OBDLink MX+ device for enhanced OEM add-ons and vehicle diagnostics.
	OBDLink LX Bluetooth: Android Quick Start Guide A concise guide to setting up and using the OBDLink LX Bluetooth adapter with your Android device, including app installation, pairing, and connecting to diagnostic software.
	OBDLink MX Bluetooth Android Quick Start Guide 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.

	[OBDLink CX Getting Started Guide](#) 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.
OBDLinkEX **Getting Started** ① Download and install the app ② Connect OBDLink EX to the PC ③ Plug OBDLink EX into the vehicle ④ Start the engine ⑤ Launch app	[OBDLink EX: Getting Started Guide and Limited Warranty Information](#) 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.