

XTOOL X100 PAD3 SE

XTOOL X100 PAD3 SE AI-Assisted Bidirectional OBD2 Scanner User Manual

Model: X100 PAD3 SE

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your XTOOL X100 PAD3 SE AI-Assisted Bidirectional OBD2 Scanner. Please read this manual thoroughly before using the device to ensure proper function and to maximize its capabilities. The X100 PAD3 SE is designed for professional technicians, repair facilities, and experienced DIY users, offering comprehensive vehicle diagnostics and service functions.

1. SETUP AND INITIAL USE

1.1 Package Contents

Verify that all items listed below are present in your package:

- X100PAD3SE Tablet
- USB3.0 To Type-B Main Cable
- USB Type-C Data Cable
- USB Type-C to USB 3.0 Adapter
- Power Charger US
- Power Charger EU
- Power Charger UK

8 PIDS In One Graphic Live Data

Monitor Real-Time 8 Parameters for Precise Fault Detection



Data Playback



Data Record & Review



Export Data as CSV Files



Diagnostic Report Share & Print



Image: XTOOL X100 PAD3 SE with its various cables and power adapters, illustrating the complete packing list.

1.2 Powering On and Initial Configuration

Connect the device to a power source using one of the provided chargers. Press and hold the power button to turn on the tablet. Follow the on-screen prompts to select your preferred language (22 languages supported), connect to Wi-Fi, and complete the initial setup. Ensure the device is fully charged before its first use.

2. OPERATING INSTRUCTIONS

2.1 Full-System Diagnostics

The X100 PAD3 SE provides comprehensive diagnostic capabilities across all vehicle systems, including engine, transmission, ABS, SRS, HVAC, and body control modules. To perform a full system scan:

1. Connect the diagnostic tool to the vehicle's OBD-II port.
2. Select "Diagnosis" from the main menu.
3. Choose "Auto Scan" to automatically identify the vehicle and scan all available systems.
4. Alternatively, use "Manual Input" or "Automatic Selection" for specific vehicle identification.
5. Review Diagnostic Trouble Codes (DTCs), freeze-frame data, ECU information, and live data streams.



Image: The XTOOL X100 PAD3 SE performing an OE-level all system diagnostic scan, showing various vehicle modules being accessed.

2.2 Bidirectional Control (Active Tests)

This function allows you to send commands to vehicle components to test their functionality directly. This helps in quickly identifying faulty parts without extensive disassembly.

- Access "Active Test" from the diagnostic menu after vehicle identification.
- Select the component you wish to test (e.g., radiator fan, fuel injectors, A/C clutch).
- Activate the component and observe its response.



Image: The XTOOL X100 PAD3 SE demonstrating bidirectional control, showing activation of components like windows, mirrors, and headlights.

2.3 ECU Coding & Configuration

The device supports ECU coding for BMW and Mercedes-Benz, and configuration functions for Ford, Toyota, and Lexus. This allows for customization and optimization of vehicle behavior.

- Navigate to "Special Functions" and select "ECU Coding" or "Configuration".
- Follow the on-screen instructions carefully. Note that functions vary by vehicle model.

2.4 Service Functions (38+ Resets)

The X100 PAD3 SE offers over 38 common service functions for maintenance and repair resets. These include:

- Oil Reset
- ABS Bleeding
- Injector Coding
- Steering Angle Calibration
- Throttle Relearn
- Battery Registration
- EPB (Electronic Parking Brake) Reset
- TPMS (Tire Pressure Monitoring System) Reset
- And many more.



Image: A visual representation of the 38+ hot service functions available on the XTOOL X100 PAD3 SE, including icons for various resets and calibrations.

2.5 Live Data Visualization

Monitor up to 8 PIDs (Parameter IDs) simultaneously in a clear graph form. This feature is crucial for diagnosing intermittent problems and observing real-time sensor data.

- Access "Live Data" after a system scan.
- Select desired parameters to view.
- Utilize data playback, record, and review functions for detailed analysis.
- Export data as CSV files for external review.



Image: The XTOOL X100 PAD3 SE displaying 8 PIDs in one graphic live data, showing real-time parameter monitoring for fault detection.

2.6 Pre/Post Scan & Diagnostic Report V2.0

Perform pre-repair and post-repair scans to document vehicle conditions. The upgraded Diagnostic Report V2.0 offers a clean layout, customizable content, and easy sharing options.

- Initiate a "Pre-Scan" before any repairs to identify existing DTCs.
- After repairs, perform a "Post-Scan" to confirm issues are resolved and no new DTCs have appeared.
- Generate and customize diagnostic reports with customer information and shop logos.

New Released Diagnostic Report V2.0

Smarter, Faster, and More Intuitive Car Diagnostics

Pre/Post Scan

- Personalize Report Content
- Add Customers Information
- Customize Repair Shop Logo
- Attach Notes ...



Image: The XTOOL X100 PAD3 SE demonstrating the Pre/Post Scan feature and the generation of Diagnostic Report V2.0.

3. MAINTENANCE

3.1 Software Updates

Your X100 PAD3 SE includes 2 years of free software updates to ensure compatibility with new vehicle models and to add new functions. After the update period, the device will continue to function normally with the installed software, and no mandatory subscriptions are required.

- Connect the device to a stable Wi-Fi network.
- Navigate to the "Update" section on the main menu.
- Follow the on-screen instructions to download and install available updates.

3.2 Cleaning and Storage

Keep the device clean and free from dust and moisture. Use a soft, damp cloth to wipe the screen and exterior. Store the device in its protective case in a cool, dry place when not in use.

4. TROUBLESHOOTING

4.1 AI-Powered Diagnostic Assistant

The integrated AI Assistant can help with troubleshooting. After reading DTCs, tap the AI icon under "Diagnosis → More" to access detailed fault explanations, structured diagnostic logic, and suggested repair directions. This feature requires an active internet connection.

Note: AI-generated repair suggestions are for reference only and should be verified by a qualified technician.

4.2 Common Issues

- **Device not powering on:** Ensure the battery is charged or connect to a power source. Check the power adapter and cable connections.
- **Connection issues with vehicle:** Verify the OBD-II cable is securely connected to both the device and the vehicle's port. Ensure the vehicle's ignition is on.
- **Software freezing/crashing:** Restart the device. If the issue persists, ensure the software is up to date.

5. SPECIFICATIONS

Brand	XTOOL
Model Number	WZ-X100PAD3SE-Bidirectional
Operating System	Android 10.0
Processor	1.8GHz Quad-Core
Memory	4GB RAM + 64GB Storage
Screen Size	8 Inches
Battery	5000mAh 7.3V (equivalent to 10,000mAh at 3.7V)
Connectivity	Dual-band Wi-Fi
Camera	8MP
Supported Protocols	FCA AutoAuth, CAN FD, DoIP
Vehicle Coverage	10,000+ models, 99% brands (no IP limitations)

6. WARRANTY INFORMATION

The XTOOL X100 PAD3 SE comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the official XTOOL website or contact customer support.

7. SUPPORT AND CONTACT

XTOOL provides comprehensive support for its products. If you encounter any issues or have questions regarding your X100 PAD3 SE, please utilize the following resources:

- **Technical Assistance:** Access 365/24/7 technical assistance.
- **Online Resources:** Visit the official XTOOL website for FAQs, software downloads, and additional documentation.
- **Language Support:** The device supports 22 languages. For language changes, refer to the device settings.

**Solid Back-up
Service Team of XTOOL**

- 365/24/7 Tech Assistance
- 2 Years Warranty
- 2 Years Free Updates
- Lifetime Support

- Function Optimization
- Broader Vehicle Coverage
- Increased Performance

Image: The XTOOL customer support team, illustrating the availability of technical assistance and support services.

