



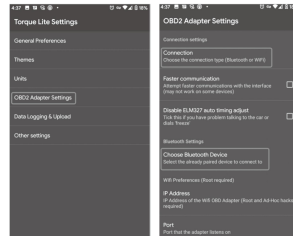
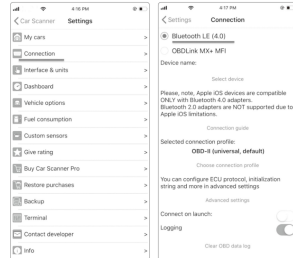
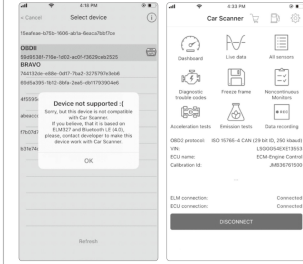


<div><h1>User Manual</h1></div>	<p>Support engine fault diagnosis of all vehicles that comply with 16PIN OBDII protocol.</p> <p>The OBD connector is usually located under the vehicle dashboard.</p>  <h2>01 / Product Information</h2> <h3>1.1 Partial Application</h3> <p>(1) Android: Torque, Dashcommand, Car Scanner, Auto Doctor, Dacar Pro, CarBit, CarSys, Carzis, GeekOBD, OBD Driver, OBD Harry, ELM327 Terminal, Dacar, Gtrace OBD, AutoDiagnosis, Vehicle Sensor Monitor, Car Doctor, ELMScan Toyota, Car Doctor, ScanMaster, EOBD Facile</p> <p>1</p>	<p>(2) iOS: Car Scanner, Auto Doctor, GeekOBD</p> <p>(3) Symbian: OBDScope</p> <p>(4) Windows Mobile: OBD Gauge</p> <p>(5) Windows CE/Palm OS: Hobd</p> <p>(6) Computer/Laptop: ScanMaster</p> <h3>1.2 Product Parameters</h3> <table><tr><td>Operating Voltage</td><td>6V-30V</td></tr><tr><td>Standby Current</td><td>5mA</td></tr><tr><td>Operating Temperature</td><td>-30°C ~ 80°C (-22°F ~ 176°F)</td></tr><tr><td>Dual Mode Bluetooth</td><td>Bluetooth 2.0 and 4.0</td></tr></table> <p>2</p>	Operating Voltage	6V-30V	Standby Current	5mA	Operating Temperature	-30°C ~ 80°C (-22°F ~ 176°F)	Dual Mode Bluetooth	Bluetooth 2.0 and 4.0	<table><tr><td>Bluetooth Name</td><td>OBDII</td></tr><tr><td>Pairing Password</td><td>1234</td></tr></table> <p>* <b>Note:</b> Pairing information will pop up when Android app connects to the ELM327, it is required to enter the pairing password "1234".</p> <p>No need to do bluetooth device pairing when iOS app connects to the ELM327.</p> <h3>1.3 Function Description</h3> <p>(1) Display engine dashboard data.</p> <p>(2) Read and clear engine trouble code.</p> <p>3</p>	Bluetooth Name	OBDII	Pairing Password	1234	<p>(3) Display 249 types of real-time data streams.</p> <p>(4) View freeze frame data and I/M readiness status.</p> <p>(5) View vehicle information.(VIN, calibration identification number and calibration verification number )</p> <p>(6) Support all public ELM327 applications in App Store and Google Play.</p> <h3>1.4 Support Protocols</h3> <p>(1) SAE J1850 PWM(41.6kbps)</p> <p>(2) SAE J1850 VPW(10.4kbps)</p> <p>(3) ISO9141-2(5 baud init, 10.4kbps)</p> <p>(4) ISO14230-4 KWP(5 baud init, 10.4kbps)</p> <p>(5) ISO14230-4 KWP(fast init, 10.4kbps)</p> <p>4</p>	<p>(6) ISO15765-4 CAN(11bit, 500kbps)</p> <p>(7) ISO15765-4 CAN(29bit, 500kbps)</p> <p>(8) ISO15765-4 CAN(11bit, 250kbps)</p> <p>(9) ISO15765-4 CAN(29bit, 250kbps)</p> <h2>02 / Application Instructions</h2> <h3>2.1 Android — Torque</h3> <p>(1) Open phone bluetooth settings, click "Pair with new device", select the Bluetooth name "OBDII" from the available devices and click pairing, enter the PIN code "1234" and click OK until the pairing is successful.</p> <p>5</p>
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<p>(2) Open the Torque App, click the settings button and select "Settings".</p>  <p>6</p>	<p>(4) Click "Connection" and select "Bluetooth".</p> <p>(5) Click "Choose Bluetooth Device" and select the Bluetooth device named "OBDII".</p>  <p>7</p>	<p>(6) The application will automatically connect to Bluetooth after returning to the main interface, and it indicates a successful connection when the blue car icon is not flashing.</p> <h3>2.2 iOS — Car Scanner</h3> <p>(1) Open the Car Scanner App and click the settings button.</p> <p>(2) Click "Connection" in the "Settings" menu, and select Bluetooth LE (4.0).</p> <p>(3) Click "Select device" in the "Connection" interface, and select the Bluetooth device named "OBDII", follow the prompts to select the vehicle information. When the interface "Device not supported" interface pops up, ignore it and click "OK" directly.</p> <p>8</p>	<p>(4) Return to the main interface "Car Scanner" and click "CONNECT" to connect to Bluetooth.</p>  <p>9</p>	 <p>10</p>	<h3>2.3 Computer/Laptop — ScanMaster</h3> <p>A USB Bluetooth adapter that supports Bluetooth 2.0 or Bluetooth 4.0 is required.</p> <p>(1) Plug the ELM327 device into the automotive OBDII interface, start the engine and keep it working continuously.</p> <p>(2) Plug the Bluetooth adapter into the computer through the USB port, the computer will automatically install the driver.</p> <p>(3) Open the ScanMaster software, click the "link" button, and select the Bluetooth device named "OBDII" in the drop-down list, the ScanMaster will communicate with the ELM327 device for OBD data after successful connection.</p> <p>11</p>												

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 |                  |        | |------------------|--------| | Bluetooth Name   | OBDDII | | Pairing Password | 1234   |   **\* Note:** Pairing information will pop up when Android app connects to the ELM327, it is required to enter the pairing password "1234".  No need to do bluetooth device pairing when iOS app connects to the ELM327.  1.3 Function Description  (1) Display engine dashboard data.  (2) Read and clear engine trouble code. |

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 (3) Display 249 types of real-time data streams.  (4) View freeze frame data and I/M readiness status.  (5) View vehicle information.(VIN, calibration identification number and calibration verification number )  (6) Support all public ELM327 applications in App Store and Google Play.  1.4 Support Protocols  (1) SAE J1850 PWM(41.6kbps)  (2) SAE J1850 VPWM(10.4kbps)  (3) ISO9141-2(5 baud init, 10.4kbps)  (4) ISO14230-4 KWP(5 baud init, 10.4kbps)  (5) ISO14230-4 KWP(fast init, 10.4kbps) |

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 02 / Application Instructions  2.1 Android — Torque  (1) Open phone bluetooth settings, click "Pair with new device", select the Bluetooth name "OBDDII" from the available devices and click pairing, enter the PIN code "1234" and click OK until the pairing is successful. |

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| (2) Open the Torque App, click the settings button and select "Settings".    (3) Click "OBD2 Adapter Settings" under the "Settings" menu. |

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 (4) Click "Connection" and select "Bluetooth".  (5) Click "Choose Bluetooth Device" and select the Bluetooth device named "OBDDII". |

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 (6) The application will automatically connect to Bluetooth after returning to the main interface, and it indicates a successful connection when the blue car icon is not flashing.  2.2 iOS — Car Scanner  (1) Open the Car Scanner App and click the settings button.  (2) Click "Connection" in the "Settings" menu, and select Bluetooth LE (4.0).  (3) Click "Select device" in the "Connection" interface, and select the Bluetooth device named "OBDDII", follow the prompts to select the vehicle information. When the interface "Device not supported" interface pops up, ignore it and click "OK" directly. |

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 (4) Return to the main interface "Car Scanner" and click "CONNECT" to connect to Bluetooth. |

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 2.3 Computer/Laptop — ScanMaster  A USB Bluetooth adapter that supports Bluetooth 2.0 or Bluetooth 4.0 is required.  (1) Plug the ELM327 device into the automotive OBDII interface, start the engine and keep it working continuously.  (2) Plug the Bluetooth adapter into the computer through the USB port, the computer will automatically install the driver.  (3) Open the ScanMaster software, click the "link" button, and select the Bluetooth device named "OBDDII" in the drop-down list, the ScanMaster will communicate with the ELM327 device for OBD data after successful connection. |

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