

# EPEC



## Epec releases SL8X Control Unit

Epec SL8X control unit delivers high-performance real-time control, functional safety, and exceptional flexibility, making it ideal for demanding applications in off-highway vehicles and non-road machinery.

Epec SL8X is part of a platform that is highly adaptable to different system topologies, including both centralized and distributed architectures. Centralized systems offer the benefit of simplified wiring, reduced hardware complexity, and streamlined maintenance, while distributed systems provide greater scalability and adaptability for complex setups.

Epec SL8X control unit is supported with CODESYS 3.5 programming, Epec MultiTool Creator, Epec CANmoon and Epec PLC libraries. Epec also offers truly comprehensive product support and training for the new products to help customers adopt the new platform more efficiently.



**SL8X key features:**

- Versatile Programming: Adaptable to both centralized and distributed systems, offering seamless integration with multiple programming environments.
- Advanced Communication: Enables fast and reliable data exchange with support for various communication protocols, ensuring real-time responsiveness.
- Durable Design: Built to endure harsh environments, with extensive input/output options to support complex configurations.
- Simplified Configuration: Compatible with Epec's MultiTool software for easy configuration, diagnostics, and simulation, reducing setup time.
- Functional Safety: Designed to meet the highest safety standards, supporting secure and reliable operation. Functional Safety certification is currently pending.
- Technical feature highlights:
  - CODESYS 3.5 programming, Dither functionality, Ethernet communication, Wiring harness identification, KL15 signaling, higher calculation power and more customer application memory.
- Please refer to the SL8X control platform [web page](#) and [one-pager](#) for more information

**SL8X ordering codes:**

E300SL8X1-01-DD11 (CODESYS programmable)

**SL8X product software versions:**

- Firmware version: 0.8.17
- CODESYS Runtime version: 3.5.19.0
- MTC – MultiTool Creator: 8.2
- CANmoon: 3.6.2.14

**SL8X product documentation:**

- Technical Manual: MAN000814
- Programming & Libraries Manual (MTC 8.2): MAN000538
- Epec MultiTool Creator Manual MAN000316

### **SL8X accessories:**

Please refer to the SL8X technical manual for available accessories.

### **New releases of Epec MultiTool Creator and CANmoon**

Epec releases the latest MultiTool Creator 8.2 and CANmoon 3.6.2.14 packages.

There are several attractive new features in MTC 8.2 and CANmoon 3.6.2.14:

- Epec SL8X control unit is now officially supported.
- MultiTool Simulator (MTS) support for SL8X control unit.
- Check [MTC 8.2 highlights](#) for more information

For further information about the new releases, please contact [techsupport@epec.fi](mailto:techsupport@epec.fi).

### **Release date 28.02.2025**

<https://epec.fi/epec-oy-products/electronic-control-units/sl8x/>

[MTC 8.2 "What's new?"](#)

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