

MRS Electronic presents innovative HMI MConn 7 with CAN and LIN control functions

Rottweil, Germany, September 2023 - MRS Electronic, a leading provider of smart electronic solutions and systems for the vehicle industry, introduces the MConn 7 display as part of the HMI systems included in its product portfolio. Performance and application breadth are the hallmarks of the MConn 7 display.

The MConn 7 has a PCAP color display with a diagonal screen size of 7 inches. It can not only be used as an input device, but can also take over control functions. This means that an additional CAN or LIN controller can often be dispensed with. This makes for leaner systems and fewer sources of error in the vehicle electrical system.

The application and user interface can either be programmed independently or by MRS Electronic's experienced UI/UX and software development team entirely according to the customer's wishes and requirements. Due to the wide range of configuration options, the MConn 7 is very flexible and can thus be adapted to a wide variety of application needs in different sectors such as buses, municipal vehicles or caravans.

The MConn 7 stands out from comparable products with numerous wired and wireless interfaces. The currently available "Basic" and "A-Quad" variants include CAN (2x), LIN, Ethernet, USB (2x), an audio input and 22 digital and analog inputs and outputs. 4G/LTE, GPS, WiFi, Bluetooth, AM/FM and up to four camera inputs are also available on request.

The heart of the flexible MConn 7 is the powerful 32-bit quad-core ARM Cortex-A9 processor with 2D, 3D and Vector graphics hardware acceleration. This is operated under embedded Linux. The programming of the applications is done with Qt. The multi-touch touchscreen allows the use of gestures like pinch-to-zoom, rotation, flick and much more, which users are already used to from smartphones and tablets.

With the 4G/LTE or Wi-Fi interfaces available on request, the MConn 7 can be connected to the customizable telematics platform MRS Cloud Connect.

For more information on the new MConn 7 display and the entire MRS Electronic product portfolio, please visit: [MConn 7 Display - Your individual touchscreen display \(mrs-electronic.com\)](https://www.mrs-electronic.com/MConn-7-Display-Your-individual-touchscreen-display).

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About MRS Electronic GmbH & Co. KG:

MRS Electronic GmbH & Co. KG is part of the MRS Group and has been developing and producing cross-industry smart electronic products as well as customized hardware and software solutions for the vehicle industry at its main location in Rottweil for 20 years.

MRS Electronic's expertise lies primarily in the niche market of small controllers and products such as relays, gateways, controllers, CAN controllers and HMI systems. But the company also offers state-of-the-art charging solutions for electric vehicles in the field of e-mobility.

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