

CAN-DISP

Grafical operation panel for the CAN-Bus



The **CAN-DISP** is a rugged operating module for in-the-field deployment in control systems. A high-contrast 5,5"-LCD with a resolution of 240x128 pixel is readable even under adverse conditions, a solid front foil protects the display when used in an harsh environment.

For operator inputs, the **CAN-DISP** provides a touch panel as well as an connector for matrix keyboards. An integrated speaker gives acoustic feedback and is controled by software in volume and frequency.

The touch panel can be used as a replacement for a keyboard as well as for grafical input.

As OEM-module, the **CAN-DISP** is also available in customer specific housings. Different configurations are supporting:

- displays based on the T6963-controler
- matrix keyboards upto 8x8 keys
- power pupplies 5-30 V_{DC}
- resistive 4-wire Touchpanel with a resolution of upto 12 Bit
- application specific firmware

CAN-DISP

Inputs

OEM

Safety and reliability

The CAN-bus interface is galvanically isolated from the power supply. The supply can be fed via the CAN connector or using a separate input.

An integrated EMC protection circuitry assures trouble free operation even in industrial environments.

CAN-Bus

The **CAN-DISP** supports baudrates from 50 kB upto 1 MB. On the CAN-Bus, 4 successive identifiers are used, baudrate as well as base identifier are configured by an internal DIP-switch.

The bus interface uses industrial M12 connectors. Both connectors are directly joined, allowing feed-through connections as well as stubs from the bus system.

RS-232

The serial port of the **CAN-DISP** supports baudrates upto 115 kBaud. The interface is a 5-wire port with RTS and CTS for handshake.

Firmware

The standard command set of the **CAN-DISP** supports displays based on the T6963-controller operating in text- or graphic mode. The base command set supports text output, including visual attributes. In graphic mode, additional drawing operations (line, circle,...) are available.

A resistive touchpanel is supported for graphical input. By definition of sensitive regions, it can also be used as a replacement for keyboard input.

Size and supply

The **CAN-DISP** comes in a sturdy aluminium cast case for direct screw mounting, either onsite or e.g. on a mounting plate, and measures 217x119x56 mm (LxWxH). The power supply of 8-30 V_{DC} can be fed via the CAN connector.

A board version of the **CAN-DISP** is available as OEM-module for mounting in customer housings. The module is based on a euro card 100x160 mm, mounting in a 19"-rack is possible.

The visible area of the display measures 123x70 mm (5,5").

The different configuration options apply to:

- Size of display
- Backlight (dimnable, if LED)
- Power supply
- Communication interface
- Keyboard configuration upto 8x8 keys
- Firmware (command set and communication)

Special configurations are available at low cost, even in small quantities. Please contact factory for details.