



---

RUETZ

---

**CAN-BOX**

---



---

SEND CAN MESSAGES AT THE PUSH OF A BUTTON.

---

Using the CAN-BOX, you can send various CAN messages via two CAN connectors. It has a control panel with 16 keys which can be allocated individually with different CAN messages. Using the rotary encoder, CAN messages can also be sent, whose value can also be changed.



---

## BENEFITS

---

- 16 keys freely configurable via PC
- Rotary encoder for variable CAN messages
- 2 CAN interfaces (low/high)
- LEDs for optical feedback (Rx/Tx Error and 2 × Rx LEDs per CAN configurable via filter, 4 × dispatched, 1 × Power)
- efficient DLL possible for implementation of customized applications
- simple adjustment to individual requirements via modular structure

---

## FUNCTIONALITY

---

- Keys to send CAN messages
- Rotary encoder to send CAN messages - data can be increased or reduced in value via turning
- FT-CAN BUS (Fault Tolerant CAN)
- HS-CAN BUS (High Speed CAN)
- 2 Rx LEDs per CAN configurable via filter
- Insertion pocket for memos
- LEDs (red) to display CAN dispatch
- LEDs to display CAN receipt and CAN dispatch (green) and of errors (red)
- Power LED (availability: green)
- USB connection to configure the CAN-BOX via PC
- Connector for power supply of 9 – 16V

---

## AREA OF APPLICATION

---

Simulation of CAN nodes

---

## OTHER OPTIONS

---

Are possible depending on the respective application purpose – we are available to provide support and advice at all times. Please contact us to arrange a meeting.

SEND CAN MESSAGES AT THE PUSH OF A BUTTON.

## TECHNICAL DATA

Dimensions W×H×D	140 × 34 × 150 mm
Weight (without accessories)	265 g
Supply voltage	9 – 16 V (DC)
Electr. total current consumption	80 mA
Buttons, freely configurable	16
CAN interfaces	2
CAN data rate (H), maximum	1 Mbits/s
CAN data rate (L), maximum	125 Kbits/s
Baudrates can be set (High Speed)	1000 / 800 / 500 / 250 / 125 / 100 / 95,238 / 83,333 / 50 / 47,619 kbps
Baudrates can be set (Fault tolerant)	125 / 100 / 95,238 / 83,333 / 50 / 47,619 / 33,333 / 20 / 10 kbps
LEDs can be triggered for special CAN messages	4 (2 respectively for HS-CAN and 2 respectively for FT-CAN)
Shaft encoder	24 impulses per revolution
Protection Class	3
Protection Type	IP 30, no protection against penetrating moisture



## YOUR CONTACT PARTNER

We are available to provide support and advice at all times – please contact us to arrange a meeting!

Michael Zapletal  
Key-Account

T +49 / 89 / 3 56 10-135  
michael.zapletal@ruetz.de

Andreas Grey  
Sales

T +49 / 89 / 3 56 10-175  
andreas.grey@ruetz.de

## RUETZ TECHNOLOGIES GmbH

Walter-Gropius-Strasse 17  
80807 München  
Germany

T +49 / 89 / 3 56 10-0  
F +49 / 89 / 3 56 10-111

www.ruetz.de  
info@ruetz.de

Managing Director: Stefan Ruetz  
Registry court München HRB 87510