



# K-TERM 82

K-TERM82 IO Box

## Description

The K-TERM 82 mobile control unit is used for mobile data collection and for steering external consumers. The device is equipped with various communication interfaces and analogue and digital inputs. The device can be operated in the following modes:

### Connect to DMR radios

The device can be connected to a DMR radio via USB. Outputs can be steered via data transmission. Changes to inputs are transferred via radio data transmission.

### Standalone mode

The K-TERM programming languages are used to program control sequences in the K-TERM 82. The device works according to the programmed sequences..

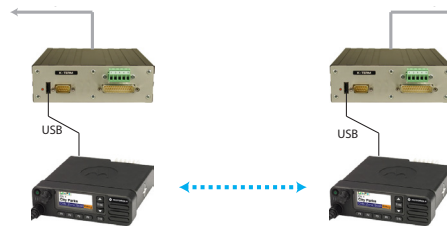
### Serial connection

With the K-TERM 82 protocol for serial control, all inputs and outputs can be managed.

The device also has various connectors that can be used for special customer applications (LAN, CAN).

Please contact us for further information.

## IP Data transfer



If the K-TERM 82 is equipped with an IP module, TCP or UDP data are transmitted transparently via the radio channel.

Each station can be set individually as :

- » UDP Receiver and Sender
- » TCP Server
- » TCP Client

Data is transmitted in packets of maximum 1000 bytes.

## Adjusting parameters

The K-TERM CPS program is used to configure the K-TERM82. A programming box is also required..

## Specification

Typ	K-TERM82 SU/S1-USB (USB,RS232,24xIO)
In- and Outputs	8 analog inputs 16 digital inputs 16 digital outputs 1A
Item No.	6.01.14.8250
Case	Aluminium, anodised, black, front panel colourless, 153x107x48 mm (without external plug)
Temperature	Function: -25°C to 85°C Storage:- 45°C to 85°C
Moisture	10% to 95%
Weight	0,7 kg
Current consumption	150mA (without switched outputs))
Approvals	CE, E14(10R*04*0009)

## Input-Output

All In- and Output's are protected against inverse voltage and short circuit. They all have thermal protection on overload.

## Artikel

### Base unit

- USB master to DMR radio	6.01.14.8250
- RS232 serial line	
- 8 Analog input lines	
- 16 Digital input lines	
- 16 Digital output lines	

### Options

» RS232 additional serial line	6.01.14.8252
» RS485 serial line	6.01.14.8253
» CAN bus line	6.01.14.8254
» Audio WAV file output on event	6.01.14.8251
» LAN Ethernet Adaptor	6.xx.xx.xxxxx



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