



LCD

DAVIT

LCD

Terminal

for

DATRON Sensors

- **Type Standard**

Remote control

for DATRON data acquisition systems

μEEP-2, μEEP-10

Data display für μEEP5 (data storage activation via trigger button)

- **Type Stand Alone**

Remote control

for DATRON data acquisition systems

AEP-2, AEP-5 as well as DATRON sensors

and Microstar

- **Type Master / Slave**

Intelligent display

for DATRON sensors DLS-1 and Microstar

The double-row Davit LCD terminal serves as DAVIT-MASTER and displays average speed and distance-traveled data from a connected DATRON sensor. The display can be switched between metric and English units by means of the operating buttons. Simple measurements can be executed via the operating buttons and/or the switch input.



Article numbers:

11372 - Type Standard

11373 - Type Stand Alone

11374 - Type Master / Slave

Typical Technical Specifications

Display:	Two rows, each with 20 characters, monochrome, switchable illumination, adjustable contrast
Power supply:	10 ... 30 VDC / 60 mA
Operating temperature:	-5° C ... +50° C (23° F ... +122° F)
Dimensions:	214mm x 80mm x 40mm (8.43" x 3.15" x 1.57")
Weight:	1Kg (2.2 lb)
Operating buttons:	3, operation according to instructions

Start-up

After switching-on the terminal (without connected sensor), the display reads:

**DAVIT-LCD Vx.x
switch on sensor**

This start-up message remains until the display recognizes a supported sensor. Shortly after a sensor is recognized, the indication changes to:

**37.3 kmh 0.0m
/ LB Dim Reset**

- The upper line indicates sensor measurement data (v and s) in metric (kph/m) or English (mph/ft.) units.
 - The bottom line indicates the actual button assignment and, at the extreme left, the display status.
 - The "turnstile" icon indicates data interchange between sensor and display.
 - Background illumination and contrast can be set in any operating mode:
 - Illumination on/off:** Depress and hold the green button while toggling on/off with the red button
 - Contrast adjustment:** Depress and hold the green button while pressing the yellow button repeatedly until the desired contrast is reached.
 - It is possible to toggle between metric and English units by pressing the yellow button, even when viewing speed and distance in real time.
 - Distance can be reset to zero by pressing the green button.
 - Speed readings can be frozen by pressing the red button or by triggering the switch input.
 - Distance is simultaneously reset to zero when the speed display is frozen. This mode enables the user to easily execute simple tests such as braking measurements.
 - In "frozen" mode, the "turnstile" changes to a blinking **R**.
 - The first display-character space indicates switch-input status. An arrow appears in this space when the switch is activated. Otherwise, the space remains blank.
 - Press the reset button (green) to return to normal operating mode.
- All settings remain unchanged, even after the unit is turned off.

Important!

- The sensor must be switched on after the display.
- The sensor must be configured to 115 kBaud (DLS program).
- When using a brake switch, a bridge must be soldered between pin 6 and pin 8 of the brake switch plug.

Serial interface	Power	Analog output	Switch input
9-pin Dsub socket	4-pin Binder socket	BNC socket	9-pin Dsub socket
2: TxD	1: +12V	internal: signal	4: +12V
3: RxD	2: +12V	external: GND	5: GND
5: GND	3: GND		8: Switch
	4: GND		



Interfaces for type Stand alone and Master / Slave



Standard interface



Sensor operation by remote control



Mounting unit suction foot with ball-and socket joint

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