User manual

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1. Description

Our Mister Pocket is the start-up & configuration device for our sensors and in-/output devices in the e-kanban system.

Depending on the device connected, corresponding parameters an be configured without PC with the Mister Pocket. It is operated with a replaceable, rechargeable battery and has enough capacity to operate for many hours.

The built-in 4 cm loudspeaker guarantees loud acoustic notification. An optionally built-in 2D barcode reader rounds off the input options.

Mister Pocket can also be used to start operation of finished sensor installations, or, if necessary, to check functions or look for errors in the system.

This device is part of the basic equipment of our e-kanban system.

A charging station and four-battery charging device are optionally available.

2. Technical data

2.1 Power supply

- 4,8V NiMH rechargeable battery with 1000 mAh

2.2 Cable connection

- USB cable with RJ connector

2.3 Display

- 128x64 pixel LCD with beck-lighting

3. Basic operation

Mister Pocket on-/off switch

This is on the bottom of the device (sliding switch) At position "**1**" Mr Pocket is switched on and at position "**0**" it is switched off.

Navigation

You can use the arrow keys ▲ and ▼ to navigate through the menus.

The key [   ] (at the very top on the right) or [Enter] can be used to select a menu point. Use [Clear] to leave it again.
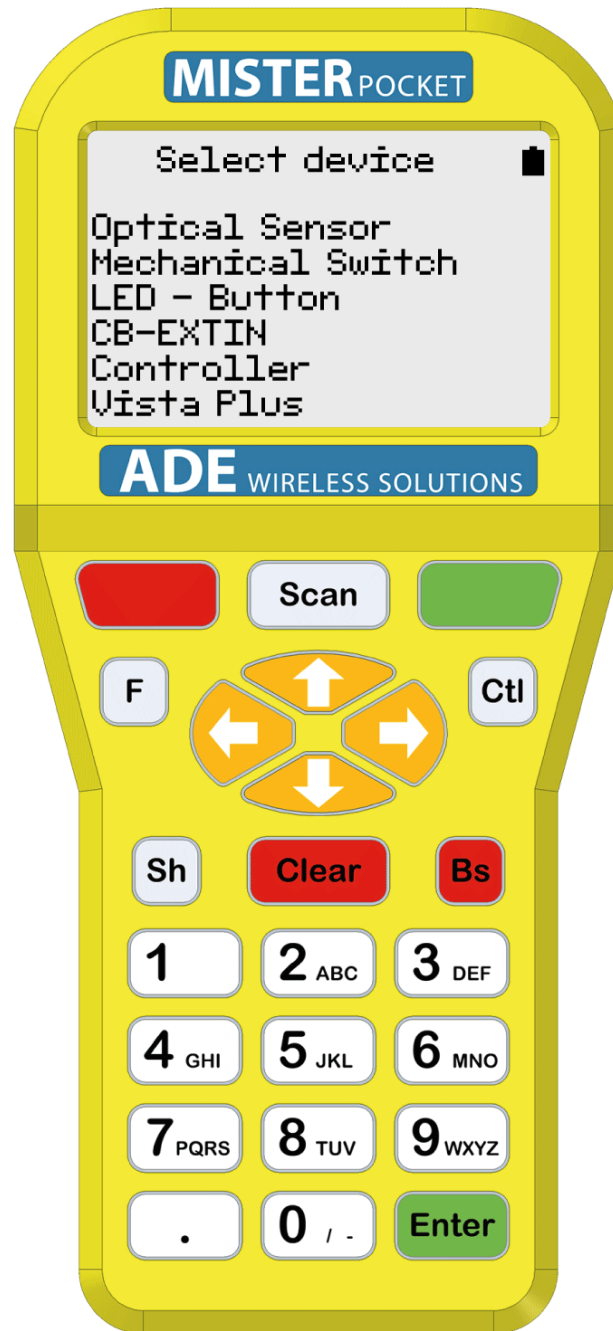
Contrast and volume

If you are in the menu "Select device", you can use the key [F] to activate the setting menu for contrast and volume. A small box in the lower right corner of the display informs you of this visually.

You can use the arrow keys ▲ and ▼ to change the volume

and ◀ and ▶ the contrast.

By tapping the [F] key again, the setting menu is deactivated.

4. Use

4.1 Optical sensor

You can access the following functions for the optical sensor from this menu.

4.1.1 Address programming

Every sensor must have a clear long address to ensure they can be differentiated in the bus system. This requires programming.

In this menu, you are called on to enter an address. The address is always six figure e.g. "02 03 05" These are always groups of two with an initial zero. For example, you can enter "020305" or "235". The missing zeros are then added automatically.

If you made a mistake, you can simply repeat the process.

4.1.2 Initialise bus
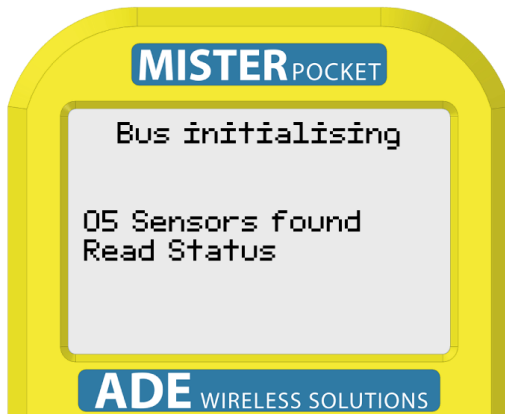
If you want to display all sensors connected to the bus with Mister Pocket (4.1.3), initialisation must first take place. The device then determines which and how many devices are present.

4.1.3 Display sensors

Before you can display the sensors in the bus, the bus has to be initialised (4.1.2).

Here, Mister Pocket displays all initialised sensors with a serial number, address and status. Since the device only has an eight-line display, you can use the arrow keys ▲ and ▼ to scroll through the list of sensors.

The sensor which last reported a changed status is always focused on and highlighted in grey.

The following table indicates the status.

Status	Meaning
B	The sensor is occupied
N	The sensor is not occupied
F	The sensor has an inconsistent status
-	The sensor does not respond

4.1.4 Read out address

This function copies the address of the connected sensors to the memory of Mr Pocket.

Only relevant for the function "Copy address" (4.1.5).

4.1.5 Copy address

The address read out (4.1.4) is written to the sensor connected.

4.1.6 Display a sensor

In order to be able to find a particular sensor in a shelf system, you can make the sensor flash with this function.
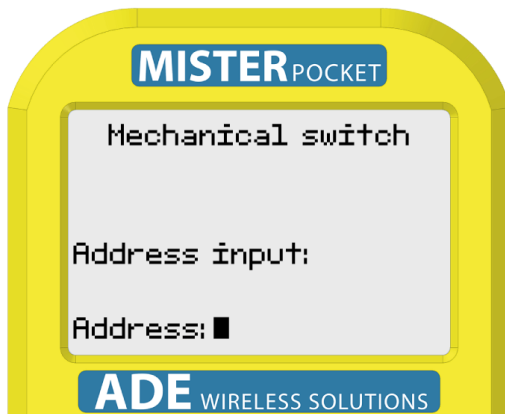
After selecting this function,

bus initialisation takes place automatically. After conclusion of the initialisation, you can enter the sensor address looked for.

If this sensor is not in the system, Mr Pocket issues an error tone.

If the sensor is present, it flashes regularly and as a result is easy to recognise.

4.2 Mechanical switch

You can address a mechanical switch (CB-SWITCH) with this function.

4.3 LED Button

You can address an LED button

(CB-COLL LED) with this function.

4.4 CB-EXTIN

MISTER POCKET

CB-EXTIN Para. Prog.

CB-EXTIN

Version: V987654
Ser. Nr.: SN0123456789
Pulses: 2
Block: 10   1.5s

ADE WIRELESS SOLUTIONS

Connect the **CB-EXTIN** with Mister Pocket.

The version and serial number are displayed for information.

The desired number is entered via the keypad under "Impulses" and confirmed with `Enter`.

"Block" is the block time for the impulse block. The number entered is multiplied by 150mS and displayed in seconds after confirmation with the `Enter` key.

4.5 Controller

Still without function

4.6 Vista Plus

Still without function

5. Accessories and spare parts

Communication cable "CB-MIPO"

- For connection between Mister Pocket and sensors

Communication cable "CB-MPT EXTIN"

- For connection between Mister Pocket and CB-EXTIN

Spare rechargeable battery "V-PO1000NM"

- Spare rechargeable battery in housing

- NiMH 4.8V 1000mAh

Charging station „V-POCRAD"

- Charging station "Cradle" for a Mister Pocket

Fourfold charging station "V-PO4S800"

- Fourfold charging station for Mister Pocket batteries

6. Dimensional deviations