



Brief Overview/Resumen breve M260SE Set (M260SE/DS260)

U.S. Edition 2016/EE. UU. Edición 2016
Version: 1.00



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1 Scope of Delivery

The package contains the following items:

- 1 Device incl. battery
- 2 Replacement battery (optional)
- 3 Battery charger (optional)
- 4 Docking station (optional)
- 5 Connection kit for docking station – two parts (optional)
- 6 Brief overview M260SE Set (M260SE/DS260) (quick start manual)

Check package for completion and possible damages.



Figure 1: Package content



The M260SE battery is a lithium polymer battery pack. Lithium polymer battery packs can explode if exposed to fire. Do not disassemble the battery pack and do not expose it to fire or heat (greater than 140 °F).



Never position the device in close proximity to heat sources (heating fans or similar equipment) and never expose it to direct sunlight, excessive dust sources or shocks.



The touch pen may only be used for operation of the touch screen. It should not be used for any other purposes.



2 Intended Use

The M260SE Set (M260SE/DS260) data acquisition system is a solution for the mobile acquisition and transfer of data. Do not use the system in geographical areas where explosives may be used. Observe all warning information regarding the use of wireless devices. The supplied connection kit (see Point 1) is only intended for use with the M260SE Set.



NOTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can emit radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference with certain radio communications.



NOTE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



NOTE

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



3 Handling



Read all instructions first before using the M260SE!



Do not drink any alcohol or take any drugs while using the M260SE and follow the safety instructions carefully!

3.1 Prior to the initial Commissioning of the M260SE

In order to ensure that the battery inserted into the device at the factory is fully charged, insert the device into the supplied DS260 docking station (if included in the scope of delivery), also see Section 3.2. Using the supplied power supply unit, connect the docking station to the mains (Power LED shows a green light), also see Section 3.2.

The battery charging process has been completed when the 'CHARGE' LED is green.
You can now use the M260SE handheld terminal.
You can see the battery charging process in Figure 2.



Only original ACD power supply units and ACD-approved batteries may be used for the operation of the M260SE and the DS260. The utilization of non-approved components can lead to the destruction of the device. Remove the battery from the device if it is not used for an extended period of time.



The M260SE battery is a lithium polymer battery pack. Lithium polymer battery packs can explode if exposed to fire. Do not disassemble the battery pack and do not expose it to fire or heat (greater than 140 °F).



Prior to each use, the mobile data acquisition terminal, the docking station and the connection cables must be inspected for damages. Damaged parts must be replaced. Please contact ACD in either case.



Figure 2: Charging Process

- | | | |
|----|---------------------|---|
| 1: | 1. Faint Green LED: | Docking station has power and no device is inserted. |
| 2: | 1. Green LED: | Docking station has power and the device is inserted. |
| | 2. Red LED: | The battery in the device is charging. |
| 3: | 1. Green LED: | Docking station has power and the device is inserted. |
| | 2. Green LED: | The battery in the device is fully charged. |



3.2 Handling of the Device and Docking Station



Read all instructions first before using the M260SE!



Do not drink any alcohol or take any drugs while using the M260SE and follow the safety instructions carefully!



Only operate the touchscreen using the fingertips or with the touch-pen attached to the retainer strap on the rear. Never use a pen or other sharp objects.



Never position the device in close proximity to heat sources (heating fans or similar equipment) and never expose it to direct sunlight, excessive dust sources or shocks.



In order to prevent excessive heat, the terminal, as well as the docking station and the power pack must not be covered while in use.



Make sure there is no risk of stumbling over connection cables or power packs.



3.2.1 Charging the Power Supply Unit for the DS260 & M260SE

The M260SE and the spare battery may only be charged in the DS260 docking station with the respective power supply unit.

- External power supply unit for DS260
 - Input voltage \sim 100 – 240 V AC; 0.8 A; 50 – 60 Hz
 - Output voltage \equiv 15 V DC; 2.4 A
- Power cable (country-specific)



3.2.2 Replacing the battery in the Handheld Terminal M260SE

The battery compartment is located on the rear of the device. In order to remove the battery, first remove the transverse hand strap by simply unhooking it. Now push the locking tab on the battery towards the battery surface (Figure 3.). The battery can now be removed from the tab.

The battery can easily be inserted. In doing so, ensure that you insert the battery at a slight incline towards the contacts and hook it on the fixing tab whilst doing so. Then close the locking mechanism with a slight amount of pressure.



Figure 3: Inserting the Battery



3.2.3 Inserting the M260SE into the DS260



Figure 4: Inserting the M260SE into the DS260

3.2.4 Removing the M260SE from the DS260



Figure 5: Removing the M260SE from the DS260



ATTENTION

Place the docking station correctly on a smooth and clean underground, which is not exposed to direct sunlight.



3.2.5 Switching on the M260SE Handheld Terminal

In order to switch on the device, press the “C” button and the “orange enter” button to the right of “0” simultaneously until the LED beneath it lights up. You can then release the buttons. The desktop of your operating system or your usual work environment appears on the display.

You can see the buttons, you have to press to switch on the device as shown in Figure 6.



Figure 6: Switching on the M260SE

3.2.6 Suspend Mode

In suspend mode, the operating system and the application running on it are stopped. The display is switched off and consequently becomes dark. Suspend mode can be accessed by simultaneously pressing the “C” button and the “orange enter” button to the right of “0”. Upon leaving suspend mode (switching on the M260SE), the application and the operating system starts to run from the same point. Thanks to both measures, the M260SE only uses a small amount of power.



Figure 7: Suspend Mode of the M260SE



3.2.7 Switching off the M260SE Handheld Terminal

The device is switched off by pressing the three buttons “C”-, “↓” and “orange enter” right of the “0”, whereby the “0” button must first be pressed and held. Then also press and hold the “↓” button. Then also press and hold the “orange enter” button. Press and hold these three buttons for at least 10 seconds.



Figure 8: Switching off the M260SE

3.2.8 Status of the DS260 Docking Station LEDs

The DS260 status LEDs are located on the front of the docking station.

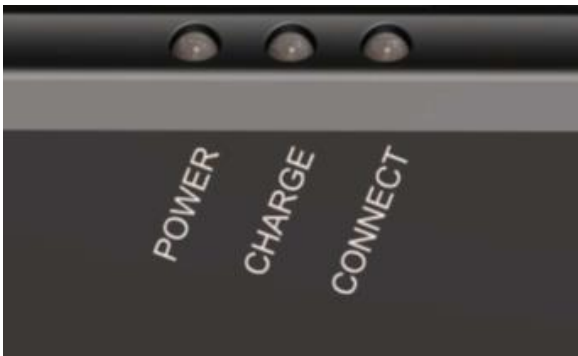


Figure 9: Status of the DS260 LEDs

Die LED **POWER** leuchtet schwach grün, sobald die DS260 mit Spannung versorgt wird.

Wird ein Handterminal M260SE in die DS260 eingelegt, dann leuchtet die POWER-LED heller, da sich die DS260 dann nicht mehr im Standbymodus befindet.

Die LED **CHARGE** leuchtet rot, wenn das M260SE geladen wird. Ist das M260SE geladen, so leuchtet die LED grün. Der Temperaturbereich zum Laden des M260SE Akku's ist 0 °C bis 45 °C. In der DS260 ist ein Temperatursensor integriert.

Wenn außerhalb dieses Bereichs versucht wird zu Laden, so wird dieses unterbunden und die CHARGE-LED blinkt rot.

Die LED **CONNECT** ist in der Version **DS260 Standard** ohne Funktion.



Unintended use of the interfaces should be avoided.



3.2.9 μ SD card

To expand memory space, you find a μ SD card slot inside the device. The μ SD card is accessible from the battery case.

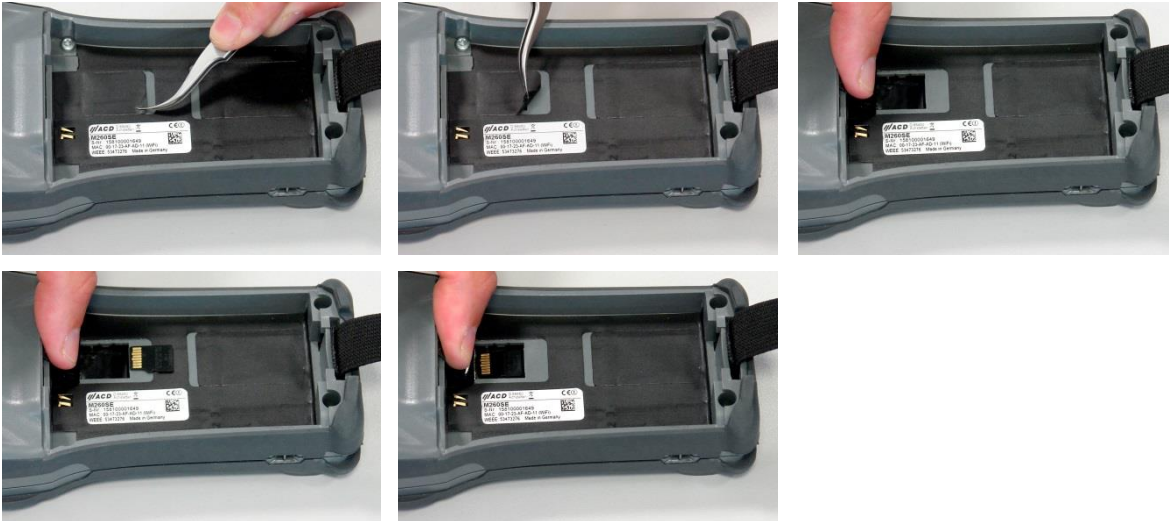


Figure 10: Insert the μ SD card into the μ SD card slot

The microSD card may only be inserted by a briefed person. First carefully lift the black cover film using tweezers. The cover film strap, under which the microSD card slot is location, must be carefully folded over and retained in place.

You have to insert the μ SD card into the slot with contacts bottom-up. The card will be fixed if the card is locked noticeably. Then fold the cover film strap back over and run your finger over it in order to re-seal it. Afterwards insert the battery and boot the M260SE. Now the μ SD card will be visible in the Windows Explorer under the name SDMMCCard2.



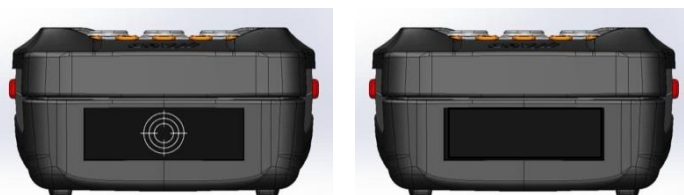
Unintended use of the interfaces should be avoided.

3.2.10 RFID

The RFID reader is available in two different designs:

- HF RFID
- LF RFID

The RFID reader is located on the top of the device, behind the black cover (see Fig. 11). In order to read an RFID tag, hold the device vertically and centrally over the RFID tag.



HF-RFID

LF-RFID

Figure 11: Position RFID reader



4 Cleaning and Maintenance Information



Turn off the device before starting any cleaning or maintenance process!



Do not use any corrosive chemicals, cleaning solutions or strong cleaning agents in order to clean the device.



All components must be disposed of properly at the end of their technical lifetime.

Clean the device when dirty and by placing it firmly onto a surface (e.g. table). This ensures a secure hold and the device cannot slip out of your hand during the cleaning process.

4.1 Display

Clean the display with a soft, dry cloth. In order to do, always switch off the device as the display responds to all contact and could therefore compromise or interfere with the active program. Do not apply any severe pressure on the display.

4.2 Charging and Communication Contacts

If transfer problems occur, clean the charging and communication contacts with a soft, moist cloth. When dealing with the DS260, the power plug must be disconnected beforehand.



5 Service and Spare Parts

If you have service requests please contact:

Hegele Logistic, LLC

855 N. Wood Dale Rd., Suite A
Wood Dale, IL 60191
United States
Telephone: +1 847 690 0430
Fax: +1 630 354 6840
Email: repaircenter@hegelelogistic.com

If you require spare parts please contact:

ACD Elektronik GmbH

Engelberg 2
88480 Achstetten
Germany
Telephone: +49 7392 708 499
Fax: +49 7392 708 490
Email: info@acd-elektronik.de



Use Original Spare Parts Only.



7 Manufacturer's Representations and Warranties

ACD Elektronik GmbH
Engelberg 2
88480 Achstetten
Germany

Phone: +49 7392 708-0
Fax: +49 7392 708-190

These Representations and Warranties are applicable to all customers (the "Customers" and each, individually, a "Customer") purchasing products (the "Products") manufactured by ACD Elektronik GmbH (the "Company").

1. Warranty and Limitations:

1.1. Company warrants solely to the original purchaser of the Products that for the Warranty Period (as defined below), the Products will be free from defects in materials and workmanship under normal use, and will conform to Company's published specifications of the Products. Notwithstanding the foregoing, Company retains its right to deviate from its published specifications due to the latest innovations and improvements in function and design of the Products.

1.2. The foregoing warranty is subject to the proper storage, transportation and use of the Products, and does not include defects due to normal wear and tear or deterioration.

1.3. Customer shall immediately, but in any event no later than eight (8) days following delivery or installation of the Product, inspect the Products for conformity and visible defects. Customer shall give Company immediate written notice of any non-conformities or visible defects regarding the Products. In the event that Customer fails to provide the Company within eight (8) days following delivery or installation of the Products with notice of any non-conformities or visible defects, any warranty claims in this regard shall be deemed waived.

1.4. Customer shall immediately notify Company in writing of any other defects of the Products and return such defective Product. Company's sole obligation under the foregoing warranty is, at Company's option, to replace or exchange the defective Product or issue a merchandise credit for the defective Product. Any replaced or exchanged Products shall be subject to the warranty set forth in 1.1., following their replacement or exchange. If Company has received notification from Customer, and no defects of the Product could be discovered, Customer shall bear the costs that Company incurred as a result of the notice. It shall be in Company's sole discretion to determine if the Product has a defect.

1.5. With respect to orders made to custom, any defects of the Products caused by Customer's specifications are excluded from the warranty set forth in 1.1.

1.6. Company also makes no warranty that the Products manufactured under an order made to custom do not infringe the intellectual property or other proprietary rights of any third party and Customer is solely responsible for assuring that such Products do not so infringe.

1.7. The "Warranty Period" begins on the date of delivery of the Product to Customer, and continues to be in effect for two (2) years.

1.8. Company does not authorize any person or party to assume or create for it any other obligation or liability in connection with the Products except as set forth herein.



1.9. All requests and notices under this Warranty shall be directed to:

**ACD Elektronik GmbH
Engelberg 2
88480 Achstetten
Germany
Phone: +49 7392 708-0
Email: info@acd-elektronik.de**

1.10. THE WARRANTY SET FORTH IN SECTION 1.1 IS MADE IN LIEU OF ALL OTHER WARRANTIES (WHETHER EXPRESS OR IMPLIED), RIGHTS OR CONDITIONS, AND CUSTOMER ACKNOWLEDGES THAT EXCEPT FOR SUCH LIMITED WARRANTY, THE PRODUCTS ARE PROVIDED "AS IS." COMPANY SPECIFICALLY DISCLAIMS, WITHOUT LIMITATION, ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, OF ANY KIND, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, AND THOSE WARRANTIES ARISING FROM A COURSE OF PERFORMANCE, A COURSE OF DEALING OR TRADE USAGE.

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