Brief Overview/Resumen breve/ Aperçu rapide

Accessories – M2Smart®SE
Accesorios – M2Smart®SE
Accessoires – M2Smart®SE

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1 Introduction

Read all instructions first before using the Mobile Handheld Computer!

Use Original Spare Parts Only.

There are several accessories for th M2Smart®SE available, which are explained below:

- M2UHF-RFID Shortrange (Figure 1)
- M2UHF-RFID Midrange (Figure 2)
- Docking station DS2Smart® Charging and transmission box (Figure 3)
- Docking station DS2Smart® Charging box (Figure 4)
- Docking station DS2Smart® Developer box (Figure 5)
- Docking station DS2Battery 2-fold (Figure 6)
- M2Grip5 (Figure 7)
- M2 logistics protective caps (Figure 8)
- Replacement Battery (Figure 9)

Figure 1: M2UHF-RFID Shortrange

Figure 2: M2UHF-RFID Midrange

Figure 3: DS2Smart® Charging and transmission box

Figure 4: DS2Smart® Charging box

Figure 5: DS2Smart® Developer box

Figure 6: DSBattery 2-fold

Figure 7: M2Grip5

Figure 8: M2 logistics protective caps

Figure 9: Replacement Battery

2 Transportation and Storage

ATTENTION

The rechargeable battery for the Mobile Handheld Computer is a lithium ion rechargeable battery pack. Lithium ion rechargeable batteries can explode if they are subjected to fire or heat. The rechargeable battery pack may not be taken apart and subjected to fire or heat (greater than 60 °C/140 °F).

ATTENTION

Do not set the Mobile Handheld Computer, battery, docking station or power supply near heat sources (heater blowers, etc.) and never subject it to direct solar radiation, excess quantities of dust or shocks. Make sure that there is no stumbling hazard due to connection cable or power supplies.

The maximum permissible ambient temperatures for the M2Smart® SE with battery are listed below.
Operating temperature: -20 °C to 50 °C/-4 °F to 122 °F*
Storage temperature: -20 °C to 60 °C/-4 °F to 140 °F
Charging temperature: 5 °C to 35 °C/41 °F to 95 °F

*** The device should only be used in the deep-freeze area after the starting process.**

3 Scope of Delivery

The scope of delivery described above can vary and depends on the corresponding PO.

Please check the package content directly after receipt to ensure that it is complete and undamaged. If a shipment is incomplete or damaged, please report this immediately to the responsible office at your company.

4 Commissioning and Operation of M2Modules

4.1 M2Modules

4.1.1 Intended Use

The modules of the Mobile Handheld Computer serve as accessories for the M2Smart®SE. The included components are intended exclusively for use with the Mobile Handheld Computer.

4.1.2 Security Advices

Please read the following warning and safety notices. They are for your safety and to ensure that the various modules are ready to use.

ATTENTION

Only ACD original power supplies may be used for operation of the modules! The use of components that have not been approved can cause the destruction of the modules or the main device.

ATTENTION

Do not set the modules near heat sources (heater blowers, etc.) and never subject them to direct solar radiation, excess quantities of dust or shocks. Make sure that there is no stumbling hazard due to connection cable or power supplies.

ATTENTION

The modules may not be used in areas subject to explosion.

ATTENTION

Before using the modules, any connection cables must be checked for damage. Damaged parts must be replaced. For this, please contact ACD Elektronik GmbH.

ATTENTION

Before use, the contacts of the modules and the contacts of any plugs present must be checked for dirt and cleaned if necessary.

ATTENTION

Unintended use of the interfaces is forbidden.

ATTENTION

To prevent overheating, the modules may not be covered during operation.

ATTENTION

The modules may only be opened by trained specialized personnel.

ATTENTION

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

NOTE

This is a Class A device (EN55032). This device can cause radio interference in residential areas.
In this case, the operator can be asked to take appropriate actions.

4.1.3 Attaching and removing the modules

The upper plug-in module and the lower plug-in module can be attached and removed as shown in the following figures.

Figure 10: Attaching and removing the upper plug-in module

Figure 11: Attaching and removing the lower plug-in module

When attaching and removing the modules, please do not reach into the area of the plug-in sliding mechanism, as there is a risk of injury due to jamming during sliding.

> **ATTENTION**
>
> **When attaching and removing the modules, please do not reach into the area of the plug-in sliding mechanism, as there is a risk of injury due to jamming during sliding.**

4.2 M2UHF-RFID Shortrange

The M2UHF-RFID Shortrange is described below. It is a plug-in module for reading UHF-RFID tags, which can be used for the upper plug-in sliding mechanism.

Figure 12: M2UHF-RFID Shortrange

4.2.1 Security Advices

ATTENTION

The M2UHF-RFID Shortrange is designt for occupational use only.

ATTENTION

Removal of the plug-in module on the upper plug-slide mechanism of the device:
Please do not reach into the area around the scanner glass; there is a risk of injury due to pinching when sliding.
The scanner glass can also be soiled in the process.

ATTENTION

The maximum permissible ambient temperatures for the modules are listed below.
Operating temperature: -20 °C to 50 °C/-4 °F to 122 °F
Storage temperature: -20 °C to 60 °C/-4 °F to 140 °F

ATTENTION

The device has the following radio system:
UHF-RFID
Frequency bands:

- UHF-RFID Europe
  865.7 to 867.5 MHz
- UHF-RFID North America
  902.75 to 927.25 MHz

Max. permissible transmission power on the frequency bands:

- UHF-RFID 200 mW

ATTENTION

The M2UHF-RFID Shortrange attachable module can become very hot during extended operation. To protect persons and the module, the maximum time of a scan is limited to two minutes.

4.2.2 Handling

After the M2UHF-RFID Shortrange attachable module has been plugged into the main device on the upper plug-slide mechanism, it can be used for reading UHF-RFID tags.
To do this, start a software application to initialize the module. Then the read process can be carried out with the software application.

Figure 13: M2UHF-RFID Shortrange Antenna and Radiation

The red box represents where the antenna is palced and the red lines indicate the radiation of HF signal.

4.2.3 Technical Data M2UHF-RFID Shortrange

The table below includes the technical data for the M2UHF-RFID Shortrange plug-in module.

	Technical Data
Housing	ABS/PC
Protection class	IP54
Operating temperature	-20 °C to 50 °C/-4 °F to 122 °F Condensation of the device must be avoided.
Storage temperature	-20 °C to 60 °C/-4 °F to 140 °F
Rel. humidity	5 % - 90 % non-condensing
Device dimensions	52 x 85 x 27 mm (L x W x H)
Weight	58 g
Interfaces	Plug for connection to the main device
Frequency range EU	865.7 to 867.5 MHz
Frequency range USA and Canada	902.75 to 927.25 MHz
Read range	Up to 1.5 meters
Antenna type	Integrated Linear Polarized
RFID protocols	EPCglobal UHF Class 1 Gen 2 ISO 18000-63 (formerly 18000-6C) DRM (Dense Reader Mode) support
Output power	0 dBm until +23 dBm

4.2.4 FCC Statement of Compliance

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

4.2.5 IC Statement of Compliance

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

4.2.6 RF Exposure

This equipment complies with FCC and IC SAR exemption limits at a minimum separation distance of 50 mm from the Antenna of this module.

M2UHF-RFID Midrange
The M2UHF-RFID Midrange is described below. It is a plug-in module for reading UHF-RFID tags, which can be used for the upper plug-in sliding mechanism.

Figure 14: M2UHF-RFID Midrange

4.2.7 Security Advices

ATTENTION	**The M2UHF-RFID Midrange is designt for occupational use only.**

ATTENTION	**Removal of the plug-in module on the upper plug-slide mechanism of the device:** **Please do not reach into the area around the scanner glass; there is a risk of injury due to pinching when sliding.** **The scanner glass can also be soiled in the process.**

ATTENTION	**The maximum permissible ambient temperatures for the modules are listed below.** **Operating temperature: -20 °C to 50 °C/-4 °F to 122 °F** **Storage temperature: -20 °C to 60 °C/-4 °F to 140 °F**

ATTENTION	**The device has the following radio system:** **UHF-RFID** **Frequency bands:** ▪ UHF-RFID Europe 865.7 to 867.5 MHz ▪ UHF-RFID North America 902.75 to 927.25 MHz **Max. permissible transmission power on the frequency bands:** ▪ UHF-RFID 500 mW

ATTENTION	**The M2UHF-RFID Midrange attachable module can become very hot during extended operation. To protect persons and the module, the maximum time of a scan is limited to two minutes.**

4.2.8 Handling

After the M2UHF-RFID Midrange attachable module has been plugged into the main device on the upper plug-slide mechanism, it can be used for reading UHF-RFID tags.
To do this, start a software application to initialize the module. Then the read process can be carried out with the software application.

Figure 15: M2UHF-RFID Shortrange Antenna and Radiation

The red box represents where the antenna is palced and the red lines indicate the radiation of HF signal.

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4.2.9 Technical Data M2UHF-RFID Midrange

The table below includes the technical data for the M2UHF-RFID Midrange plug-in module.

	Technical Data
Housing	ABS/PC
Protection class	IP54
Operating temperature	-20 °C to 50 °C/-4 °F to 122 °F Condensation of the device must be avoided.
Storage temperature	-20 °C to 60 °C/-4 °F to 140 °F
Rel. humidity	5 % - 90 % non-condensing
Device dimensions	52 x 85 x 27 mm (L x W x H)
Weight	58 g
Interfaces	Plug for connection to the main device
Frequency range EU	865.7 to 867.5 MHz
Frequency range USA and Canada	902.75 to 927.25 MHz
Read range	Up to 6 meters
Antenna type	Integrated Linear Polarized
RFID protocols	EPCglobal UHF Class 1 Gen 2 ISO 18000-63 (formerly 18000-6C) DRM (Dense Reader Mode) support
Output power EU	0 dBm until +27 dBm
Output power USA and Canada	0 dBm until +26.5 dBm

4.2.10 FCC Statement of Compliance

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

4.2.11 IC Statement of Compliance

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

4.2.12 RF Exposure

This equipment complies with FCC and IC SAR exemption limits at a minimum separation distance of 50 mm from the Antenna of this module.

4.3 Docking station DS2Smart® Charging and transmission box, DS2Smart® Charging box and DS2Smart® Developer box

4.3.1 Security Advices

ATTENTION	**Only ACD original power supplies and rechargeable batteries approved by ACD may be used for the operation of the Mobile Handheld Computer and docking station! The use of components that have not been approved can cause the destruction of the backhand scanner or docking station. Do not use the ACD-approved components with a third-party device.**
ATTENTION	**Before use, the Mobile Handheld Computer incl. battery, docking station, power supply, and any connection cables should be checked for damage. Damaged parts should be replaced. Please contact ACD Elektronik GmbH to do this.**
ATTENTION	**For indoor use only.**
ATTENTION	**To prevent overheating, the Mobile Handheld Computer incl. battery, docking station, and the power supply should not be covered while they are in operation.**
ATTENTION	**Never position the Mobile Handheld Computer incl. battery in close proximity to heat sources (heating fans or similar equipment) and never expose it to direct sunlight, excessive dust sources or shocks.**

4.3.2 Inserting the Mobil Handheld Computer in and removing it from the docking station

To insert the Mobile Handheld Computer in the docking station, put it in vertically downward. To remove the Mobile Handheld Computer from the docking station, pull it vertically upward out of the docking station.

Figure 16: Inserting Mobile Handheld Computer in and removing it from the docking station

ATTENTION

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

ATTENTION

The charging and communication contacts are very sensitive! The Mobile Handheld Computer and the replacement rechargeable battery may only be inserted in and removed from the docking station as described above. Do not touch the contact with your fingers or with objects such as pens, screwdrivers, etc.

ATTENTION

Do not leave the battery in the charger or docking station for an unnecessarily long time.

4.3.3 Inserting the replacement rechargeable battery in and removing it from the docking station

To insert the replacement rechargeable battery in the device, tip it diagonally downward and place it in the rechargeable battery compartment. Insert the rechargeable battery so that the contacts are aligned with the contacts of the docking station. Press the rechargeable battery into the rechargeable battery compartment until it snaps in audibly.

Figure 17: Inserting replacement rechargeable battery in the docking station

To remove the replacement rechargeable battery from the docking station, first open the lock by pressing toward the surface of the rechargeable battery. Remove the rechargeable battery upward.

Figure 18: Removing replacement rechargeable battery in the docking station

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

ATTENTION	**The charging and communication contacts are very sensitive! The Mobile Handheld Computer and the replacement rechargeable battery may only be inserted in and removed from the docking station as described above. Do not touch the contact with your fingers or with objects such as pens, screwdrivers, etc.**

ATTENTION	**Do not leave the battery in the charger or docking station for an unnecessarily long time.**

4.3.4 Status LEDs

The status LEDs of the DS2Smart® docking station will be described below.

Figure 19: Status LEDs of the DS2Smart®

Charging cradle for M2Smart®SE	
Speed CHARGE LED lit **red**:	The rechargeable battery in the M2Smart®SE is being charged
Speed CHARGE LED lit **green**:	The rechargeable battery in the M2Smart®SE is fully charged
Speed CHARGE LED not lit:	No M2Smart®SE is inserted in the docking station

Charging cradle for replacement rechargeable battery	
CHARGE LED lit **red**:	Replacement battery is being charged
CHARGE LED lit **green**:	Replacement battery is fully charged
CHARGE LED not lit:	There is no replacement battery inserted in the docking station

The charging time of a battery of the M2Smart®SE is approx. 4.5 hours at room temperature.

4.3.5 Disposal of the DS2Smart®


ATTENTION

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

4.4 Docking station DS2Battery 2-fold

4.4.1 Security Advices


ATTENTION

Only ACD original power supplies and rechargeable batteries approved by ACD may be used for the operation of the Mobile Handheld Computer and docking station! The use of components that have not been approved can cause the destruction of the backhand scanner or docking station. Do not use the ACD-approved components with a third-party device.


ATTENTION

Before use, the Mobile Handheld Computer incl. battery, docking station, power supply, and any connection cables should be checked for damage. Damaged parts should be replaced. Please contact ACD Elektronik GmbH to do this.


ATTENTION

For indoor use only.


ATTENTION

To prevent overheating, the Mobile Handheld Computer incl. battery, docking station, and the power supply should not be covered while they are in operation.


ATTENTION

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

4.4.2 Inserting the replacement rechargeable battery in and removing it from the docking station

To insert the replacement rechargeable battery in the device, tip it diagonally downward and place it in the rechargeable battery compartment. Insert the rechargeable battery so that the contacts are aligned with the contacts of the docking station. Press the rechargeable battery into the rechargeable battery compartment until it snaps in audibly.

Figure 20: Inserting replacement rechargeable battery in the docking station

To remove the replacement rechargeable battery from the docking station, first open the lock by pressing toward the surface of the rechargeable battery. Remove the rechargeable battery upward.

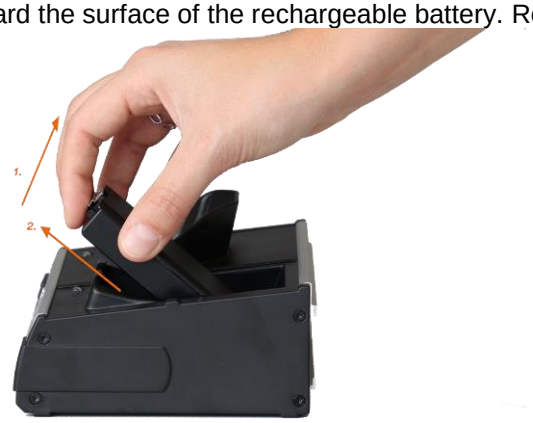

Figure 21: Removing replacement rechargeable battery in the docking station

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

ATTENTION	**The charging and communication contacts are very sensitive! The Mobile Handheld Computer and the replacement rechargeable battery may only be inserted in and removed from the docking station as described above. Do not touch the contact with your fingers or with objects such as pens, screwdrivers, etc.**

ATTENTION	**Do not leave the battery in the charger or docking station for an unnecessarily long time.**

4.4.3 Status LEDs

The status LEDs of the DS2Battery docking station will be described below.

Figure 22: Status LEDs of the DS2Battery

Charging cradle for replacement rechargeable battery	
CHARGE LED lit **red**:	Replacement battery is being charged
CHARGE LED lit **green**:	Replacement battery is fully charged
CHARGE LED not lit:	There is no replacement battery inserted in the docking station

The charging time of a battery of the M2Smart®SE is approx. 4.5 hours at room temperature.

4.4.4 Disposal of the DS2Battery

ATTENTION

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

4.5 M2Grip5

A handle is available as an accessory for the M2Smart®SE. It can be attached to the M2Smart®SE without tools.

Figure 23: M2Grip5

The upper and lower slide mechanisms remain untouched and can therefore still be used for different M2Modules. It is still possible to charge the M2Smart®SE with M2Grip5 in the DS2Smart®.

Please note that the M2Grip5 is suitable for the M2Smart®SE without scanner and for the M2Smart®SE with 2D shortrange scanner (SE4770).

4.5.1 Security Advices

ATTENTION

Unintended use of the M2Grifp5 should be avoided.

4.5.2 Attaching M2Grip5 to the M2Smart®SE

To attach the M2Grip5 to the M2Smart®SE, the first step is to remove the retaining strap.

After removing the retaining strap, the M2Grip5 can be attached to the M2Smart®SE.
To do this, guide the nose of the M2Grip5 to the upper retaining strap attachment and hook it in there. Then slide the side sections of the M2Grip5 onto the device.

Figure 24: Attaching M2Grip5 to M2Smart®SE

The scanner button is now mechanically contacted and can be triggered by the scanner button in the handle.

4.5.3 Removing M2Grip5 from the M2Smart®SE

To remove the M2Grip5, slide the side sections of the M2Grip5 off the device. Then you can guide the M2Grip5 out of the upper retaining strap attachment.

Figure 25: Removing M2Grip5 from M2Smart®SE (1/2)

Figure 26: Removing M2Grip5 from M2Smart®SE (2/2)

After the M2Grip5 is removed, the retaining strap can be attached again.

4.6 M2 logistics protective caps

M2 logistics protective caps are another accessory for the M2Smart®SE. Their purpose is to increase fall protection. M2 logistics protective caps are designed for the upper and lower blind cap.

Figure 27: M2 logistics protective caps

To charge the M2Smart®SE in the DS2Smart®, the M2 logistics protective caps must be removed.

4.6.1 Security Advices

ATTENTION

Unintended use of the M2Grifp5 should be avoided.

4.6.2 Attaching M2 logistics protective caps to the M2Smart®SE

To attach the upper and lower M2 logistics protective cap to the M2Smart®SE, place it over the corresponding blind cap.

The upper logistics protective cap is marked by the ACD logo and also has a recess for the scanner.

Figure 28: Attaching the upper logistics protective cap

The lower logistics protective cap is identified by the recess for the retaining strap and the charging contacts. First loosen the retaining strap and then attach the lower logistics protective cap. You can then reattach the retaining strap.

Figure 29: Attaching the lower logistics protective cap

4.6.3 Removing M2 logistics protective caps from the M2Smart®SE

To remove the upper and lower M2 logistics protective caps from the M2Smart®SE, remove them from the blind caps.

Figure 30: Removing the upper logistics protective cap

First loosen the retaining strap, then remove the lower logistics protective cap and reinsert the retaining strap.

Figure 31: Removing the lower logistics protective cap

4.7 Replacement Battery

4.7.1 Security Advices

ATTENTION	**The rechargeable battery for the Mobile Handheld Computer is a lithium ion rechargeable battery pack. Lithium ion rechargeable batteries can explode if they are subjected to fire or heat. The rechargeable battery pack may not be taken apart and subjected to fire or heat (greater than 60 °C/140 °F).**

ATTENTION	**Only ACD original power supplies and rechargeable batteries approved by ACD may be used for the operation of the Mobile Handheld Computer and docking station! The use of components that have not been approved can cause the destruction of the backhand scanner or docking station. Do not use the ACD-approved components with a third-party device.**

ATTENTION	**Before use, the Mobile Handheld Computer incl. battery, docking station, power supply, and any connection cables should be checked for damage. Damaged parts should be replaced. Please contact ACD Elektronik GmbH to do this.**

ATTENTION	**For indoor use only.**

ATTENTION	**Never position the Mobile Handheld Computer incl. battery in close proximity to heat sources (heating fans or similar equipment) and never expose it to direct sunlight, excessive dust sources or shocks.**

4.7.2 Rechargeable battery change

The rechargeable battery compartment is on the back of the device. To remove the rechargeable battery, first remove the hand strap (bottom) by unhooking it. Open the rechargeable battery cover by pressing the lock toward the surface of the rechargeable battery. The cover can be opened and the rechargeable battery removed.

Figure 32: Removing the rechargeable battery

To insert the rechargeable battery in the device, tip it diagonally downward and place it in the rechargeable battery compartment. Insert the rechargeable battery so that the contacts are aligned with the contacts of the device. Then the rechargeable battery can be folded downward so that the lock snaps in. Then the hand strap can be hooked back in.

Figure 33: Inserting the rechargeable battery

5 Instructions for Cleaning and Care

Clean the module by setting it down on a surface (e.g. table). This way, you can hold it securely and the module cannot slip out of your hands during the cleaning process.

ATTENTION

Do not use any corrosive chemicals, cleaning solutions or strong cleaning agents in order to clean the Mobile Handheld Computer, battery and docking station.

ATTENTION

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

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

Make sure that the laser beam is switched off by checking the laser beam exit!

Laser beam exit

5.1 Communication contacts

If there are communication problems, clean the communication contacts with a soft, damp cloth.

5.2 Keyboard/Keys

To clean the keyboard/keys, always switch the Mobile Handheld Computer off since the keyboard/keys react to being touched and therefore the active program can be compromised or destroyed. Do not put a lot of pressure on the keyboard/keys.

6 Support

If you need additional assistance, please contact our support hotline:

///ACD Elektronik GmbH
Engelberg 2
88480 Achstetten, Germany
Tel.: +49 7392 708-488
E-mail: support.technik@acd-elektronik.de
Web: https://www.acd-gruppe.de/en/

The support hotline is available for you Monday to Thursday from 8:00 am to 5:00 pm (CET) and Friday from 8:00 am to 3:00 pm (CET).

7 Service and Spare Parts

If you have service requests please contact:

Hegele Logistic, LLC
1001 Mittel Drive
IL 60191 Wood Dale
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.

8 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.

2. Limitation of Liability:
2.1 IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, REVENUE, GOODWILL OR USE, INCURRED BY CUSTOMER OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT, TORT, STRICT LIABILITY, OR IMPOSED BY STATUTE, OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. COMPANY’S LIABILITY FOR DAMAGES ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCTS. IT IS AGREED AND ACKNOWLEDGED THAT THE PROVISIONS OF THIS AGREEMENT ALLOCATE THE RISKS BETWEEN COMPANY AND CUSTOMER, THAT COMPANY’S PRICING REFLECTS THIS ALLOCATION OF RISK, AND BUT FOR THIS ALLOCATION AND LIMITATION OF LIABILITY, COMPANY WOULD NOT HAVE ENTERED INTO THIS AGREEMENT.

2.2 IN JURISDICTIONS THAT LIMIT THE SCOPE OF OR PRECLUDE LIMITATIONS OR EXCLUSION OF REMEDIES OR DAMAGES, OR OF LIABILITY, SUCH AS LIABILITY FOR GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OR DO NOT ALLOW IMPLIED WARRANTIES TO BE EXCLUDED, THE LIMITATION OR EXCLUSION OF WARRANTIES, REMEDIES, DAMAGES OR LIABILITY SET FORTH ABOVE ARE INTENDED TO APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW. CUSTOMER MAY ALSO HAVE OTHER RIGHTS THAT VARY BY STATE, COUNTRY OR OTHER JURISDICTION.

9 Mise en service et fonctionnement des M2Modules

L’émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d’Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes :

L’appareil ne doit pas produire de brouillage;
L’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

9.1 M2UHF-RFID Shortrange

9.1.1 Exposition aux RF

Cet équipement est conforme aux limites d'exemption SAR de la FCC et de l'IC à une distance de séparation minimale de 50 mm de l'antenne de ce module.

9.2 M2UHF-RFID Midrange

9.2.1 Exposition aux RF

Cet équipement est conforme aux limites d'exemption SAR de la FCC et de l'IC à une distance de séparation minimale de 50 mm de l'antenne de ce module.