

MT-4008A/R_MT-4008A/H
Mobile Terminal System
User Manual



MT-4008A/R



Package Contents

- ✓ MT-4008A/R (x 1)
- ✓ Pistol grip (x1)
- ✓ 15W power adaptor (x 1)
- ✓ Stylus (packed inside the power adaptor box) (x 1)
- ✓ RB-3000 Battery pack for pistol grip (x 1)
- ✓ User manual (x 1)
- ✓ MT-4008A/R barcode scanner user manual (x 1)
- ✓ 3-track MSR Reader (x 1) (Optional)

MT-4008A/H



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12540903020 Ver. A0

<http://www.posiflex.com>

Product Features

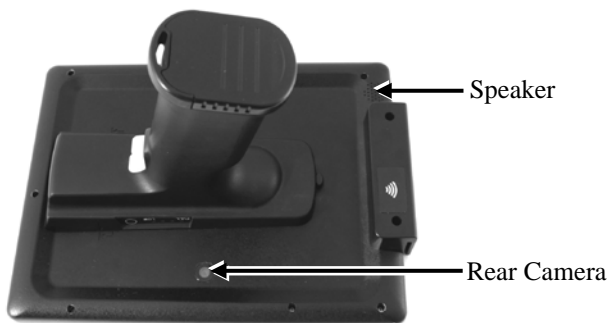
- **Ergonomic Design**
Pistol grip shape handle is ergonomically designed for easy handling of the tablet.
- **Extra Protection**
Hand strap strengthens the stability and eases user's fatigue during the hours of work.
- **All-in-one Solution**
Optional dock station equips with a built-in 3" thermal printer and various I/O connectivity: DS-200 for MT-4008A/R, DS-210 with 3" thermal printer for MT-4008A/R, DS-300 for MT-4008A/H, DS-310 with 3" thermal printer for MT-4008A/H. Once the tablet is integrated with the dock station, an all-in-one POS is instantly at your disposal.
- **Versatile Function**
MSR attachment and 1D or 2D barcode scanner built in the pistol grip; MT-4008A offers more than just mobility but versatility.
- **Battery Sustainability**
A series of peripherals are offered as an optional purchase to ensure sustainability for MT-4008A: CS-200 charging rack for MT-4008A/H, CS-100 battery charger for rechargeable battery pack RB-3000 used in pistol grip PG-200.

Views of the MT-4008A/R

Front View



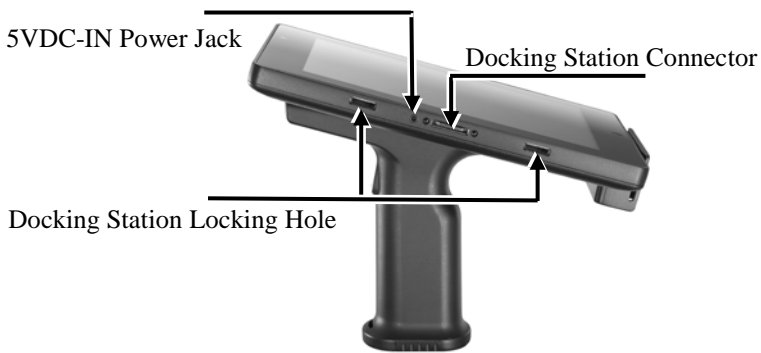
Rear View



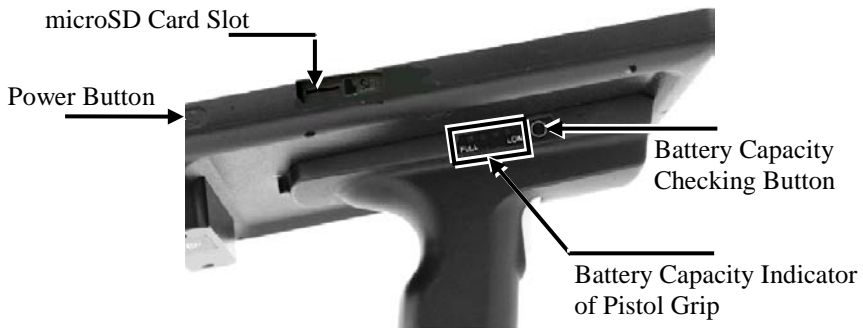
Top View



Left Side View



Right Side View

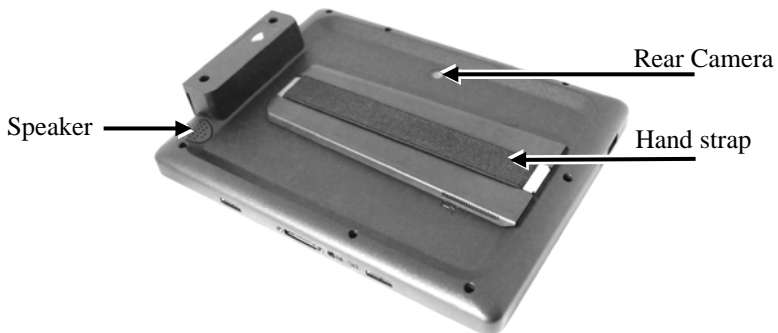


Views of the MT-4008A/H

Front View



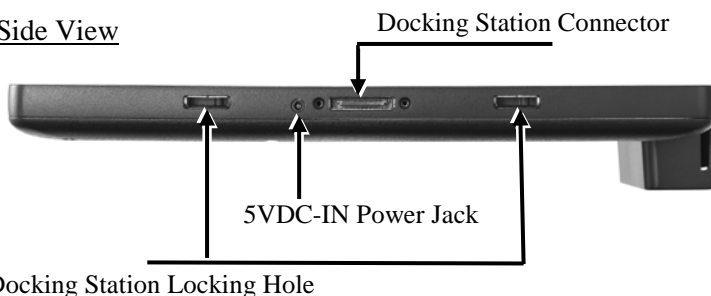
Rear View



Top View



Left Side View



Right Side View



Load RB-3000 Battery Pack and a stylus into the Pistol Grip PG-200 (for MT-4008A/R)

MT-4008A/R with PG-200 pistol grip supports 1D/2D barcode scanning. Before the scanner can be initiated, it is required to install the battery pack RB-3000 and a stylus in the battery compartment inside the pistol grip. Please follow the steps listed below to finish the installation.

1. Press the battery pack cover of the pistol grip.



2. Press and move the cover in the direction indicated by the arrow in the figure.



3. Make the concave portion of the battery pack face the side with the protruding stopper tab. Then, push down the battery pack into pistol grip.



4. Make sure that the battery pack is fully loaded.



5. Insert the projected-capacitive stylus onto the slot, as indicated by the arrow in the figure.



6. Make sure that the stylus is well inserted.



7. Slide the battery pack cover along the fringe of mouth of the pistol grip in the direction indicated by the arrow in the figure.



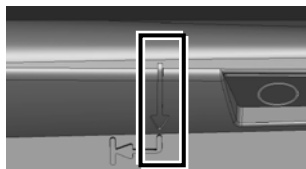
8. Determine that the battery pack cover is pushed back into place.



Connecting the Pistol Grip onto the Tablet (for MT-4008A/R)

Different from MT-4008A/H, MT-4008A/R is equipped with an additional pistol grip which aims to help users grip the terminal more easily while they are operating the scanner. Please refer to the following instructions to install the pistol grip onto the tablet.

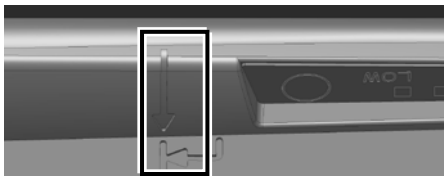
1. To attach the pistol grip to the tablet, align the arrow head on the top side of the pistol grip with the tail of the arrow on the rear of the tablet.



2. After ensuring the pistol grip is well attached to the tablet, push the pistol grip in the direction indicated by the arrow as shown in the figure.



3. When the pistol grip is well mounted to the tablet, the head of the down arrow on the pistol grip is supposed to be aligned with the head of the arrow on the rear side of the tablet as the below figure shows.



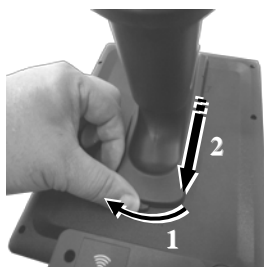
4. To check how much battery capacity remains in PG-200 pistol grip, press the battery capacity checking button on the pistol grip to show the current battery capacity level through the LED indicator.



Replacing the Pistol Grip with a Hand Strap Cover (Optional)

The hand strap cover is an optional peripheral designed for users to easily hold the tablet for operation. To replace the pistol grip with a hand strap cover, follow the steps listed below.

1. While pushing the release lever to the left (1), slide the pistol grip in the direction indicated by the arrow in the figure (2).



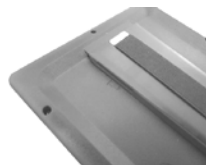
2. Pull the pistol grip off from the tablet.



3. Align the hand strap cover with the grooves on the rear side of the table.



4. Make sure that the hand strap cover is well attached to the rear side of the tablet.



5. Slide the hand strap cover up in the direction indicated by the arrow until it is clicked into place.



6. Fix the hand strap cover onto the tablet with a screw.



Replacing the Hand Strap Cover with a Pistol Grip (Optional)

Please follow the below steps to replace the hand strap cover with a pistol grip.

1. Loosen the screw to remove the hand strap cover from the tablet.



2. Slide the hand strap cover down in the direction indicated by the arrow.



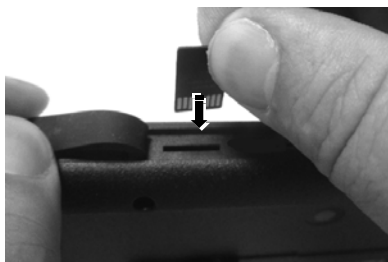
3. Remove the hand strap cover from the rear side of the tablet.



4. Go through the **Connecting the Pistol Grip onto the Tablet (for MT-4008A/R)** section which is described previously to complete the installation of the pistol grip onto the tablet.

Inserting a micro SD Card

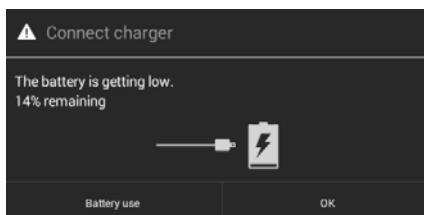
To insert a micro SD card into the micro SD card slot, you have to remove the rubber cover for micro SD card slot as the first step. Then, after making sure the side with the golden finger of the card faces downwards, slide the card down into the slot.



Charging the Battery

Before you use the tablet or the pistol grip with the barcode scanner for the first time, it is necessary to charge it for about 8 hours. To recharge the battery, it takes around 4 hours to charge it to full capacity. Below are some cautionary advices you need to keep in mind while you attempt to charge the battery.

1. **When the system pops up a warning message as shown below, it indicates the battery is currently running low. At that time, please fully charge the battery immediately to avoid data loss.**



2. **When the low battery capacity indicator on the pistol grip beams, please charge the battery for the pistol grip immediately.**
3. **Only charge the battery with the 15W power adapter that comes with your device. Using a different power adapter may damage your device.**

Please go through the following instructions to charge the MT-4008A using the power adapter.

MT-4008A/R

In considering the battery life could be consumed drastically under heavy usage, you may also choose to purchase either another replacement battery RB-3000 for the pistol grip or the battery charger CS-100 for rapidly charging the replacement battery RB-3000.

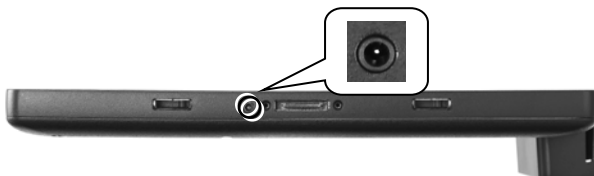
1. Connect the power connector of the power adaptor to the tablet.



2. Plug the AC power adaptor cord into an electrical outlet. In generally, the tablet will be charged first. Once the process of charging the tablet is complete, the pistol grip will then be charged.

MT-4008A/H

1. Connect the power connector of the power adaptor to the tablet.



2. Plug the AC power adaptor cord into an electrical outlet to initiate the charging process.

Status LED Indicator

On the left-top corner of the tablet of MT-4008A is located one specially-designed LED indicator used to deliver special message regarding the current system status and battery life. The blow chart enumerates all the possible LED indicators and its meaning for your reference.

LED Status	System Status	Descriptions
Solid blue	ON	System booting. After the operating system is successfully loaded, the LED indicator will turn off automatically to reduce power consumption of MT-4008A.

Powering ON the MT-4008A

To power on MT-4008A, keep pressing down the power button of the tablet for 5-10 seconds. If the terminal falls into the sleep mode after remaining idle for a specific period of time, push the power button to wake the device up. However, in the case the terminal has no response for unknown reasons, you are advised to hold the button for more than 6 second to wait for a system shutdown. To force the system to shut down may result in data loss, so that it is strongly recommended to back up your data on a regular basis.



Operating the MSR Reader (Optional)

Magnetic Stripe Reader

1. Have the side with the magnetic stripe of a card face the touch panel of the tablet.
2. Swipe the magnetic stripe card along the track of the reader from top to bottom or from bottom to top.



Operating the 1D/2D Scanner (for MT-4008A/R)

MT-4008A/R is equipped with an optional 1D/2D scanner features 1D and/or 2D barcode scanning. It also supports two types of USB interfaces, USB HID or USB Virtual COM, and the scanner is generally set to USB HID mode by default. For more detailed information, please refer to the barcode scanner user manual.



Installing an Operating System

You are highly advised NOT to install or change the Android operating system and drivers which are preloaded on MT-4008A without professional instructions. Not only might the careless handling during installation cause irreversible damage to your system, but also the improper installation likely leads to system malfunction or failure. Please contact with your dealers about the issues of operation system installation.

Performing System Recovery

For MT-4008A models with preloaded operating systems, you are NOT encouraged to recover your system without the help of the system integrators. Please be advised to contact your service center for further assistance with system recovery.

Installing Optional Upgrade Kits

Posiflex MT-4008A can work with multiple optional upgrade kits, such as MSR, Smart Card Reader and the like. For the detailed instructions, refer to the user manual related to each peripheral devices.

Specifications

	MT-4008A
CPU	A31 ARM Cortex-A7 RISC CPU, Dual Core
Memory	1GB DDR3L SDRAM
OS	Android 4.4
Display	1280 x 800, 8" TFT LCD
Touch Screen	PCAP touch w/ 5 pts multi-touch support and 12C interface
Storage	8GB NAND Flash
Wireless connectivity	IEEE 802.11bgn +BT 4.0
Power Supply	2.5mm 5VDC power adaptor
Camera	5MP AF rear facing camera
Internal Speaker	Mono 8 ohm 1W speaker
Sensor	G sensor, 3 Axis digital Gyroscope Sensor
USB Port	Micro USB x1, OTG USB Port
Ethernet Port	USB 2.0 through docking connectors
Micro-SD Card	4 bytes SDIO interface with micro SD card slot
Expansion slots	Cradle with I/O via docking connectors
Battery	4800 mAh (minimum)
GPS	UART serial interface
Dimension (tablet only)	212 mm (W) x 16.8 mm (D) x 157 mm (H)
Weight (tablet only)	550 g
Pistol Grip	Barcode Scanner 1D or 2D with built-in power bank
Optional Items	
MSR	3-Track MSR via USB interface
DS-200	Dock Station for MT-4008A/R
DS-210	Dock Station with 3" high speed WIFI printer for MT-4008A/R
DS-300	Dock Station for MT-4008A/H
DS-310	Dock Station with 3" high speed WIFI printer for MT-4008A/H
CS-200	Charging Rack for MT-4008A/H with LED independent indicator for 4 units max
CS-100	Battery charger for RB-3000 with independent LED indicator for 4 pcs batteries max
RB-3000	Rechargeable battery pack 5000mAh on pistol grip PG-200 for MT-4008A application
Operating Condition	0°C ~ 40°C, 20% RH ~ 90% RH
Storage Condition	-20°C - 45°C, 10%RH - 90%RH

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