



Memor™ X3 Single Ethernet Dock

NOTE  Read this manual carefully before performing any type of connection through the Memor X3 Single Ethernet Dock. The user is responsible for any damages caused by incorrect use of the equipment or by inobservance of the indication supplied in this manual.

NOTE  Do not attempt to disassemble the Memor X3 Single Ethernet Dock, as it does not contain parts that can be repaired by the user. Any tampering will invalidate the warranty.

The Memor X3 Single Ethernet Dock paired with one Memor X3 mobile computer builds a reading system for the collection, decoding and transmission of barcoded data.

The communication between the mobile computer and host PC through the Memor X3 Single Ethernet Dock may occur also by using the standard ActiveSync® connection.

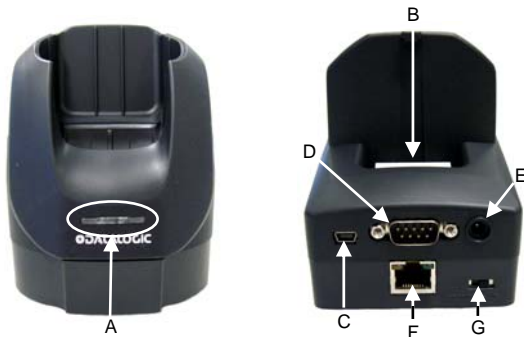


Figure 1 – Memor X3 Single Ethernet Dock

- A) LED Indicators
- B) Spare Battery Slot
- C) Mini USB Connector
- D) RS232 Connector
- E) Power Jack
- F) Ethernet Port with LED indicators
- G) Switch Ethernet/USB

The Memor X3 Single Ethernet Dock is a serial communication adapter between the host computer and the Memor X3 mobile computer. Power supply is required to be connected to the Dock only for ethernet communication.

Since the Memor X3 Single Ethernet Dock also functions as a battery charger, a power supply is required for battery recharging operations, both for the mobile computer and spare battery pack recharging. The spare battery pack recharging slot can supply a 1100 mAh, a 1430 mAh, a 2000 mAh and a 2300 mAh Battery pac.

MOBILE COMPUTER INSERTION/ REMOVAL

By inserting the Memor X3 into the Dock, data can be transmitted to the host and its battery begins charging if the power supply is connected. In addition, a spare battery can be charged by inserting it into the slot at the back of the Memor X3 Single Ethernet Dock as shown in the following figure.



Figure 2 – Memor X3 Single Ethernet Dock Charging and Communication

LED INDICATORS

The LEDs positioned on the front part of the Memor X3 Ethernet Dock (see figure below) indicate the Dock and spare battery charger status:



Figure 3 - LED Indicators

Front LED indicators

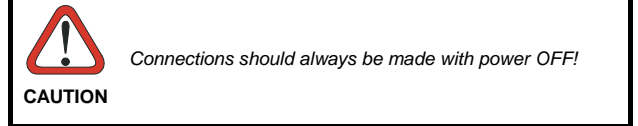
LED	STATUS	
Charger	Red Constant	Spare battery charging
	Green Constant	Spare battery charge completed
Power	Green	It is constant when the Dock is powered

* During charging, the LED may turn off to indicate a temporary suspension of charging.

Ethernet Connector LED Indicators

Ethernet Green LED (left)	Solid Green	Link established
	Flashing Green	Link activity
Ethernet Yellow LED (right)	Off	No link established
	Solid Yellow	10 Mb connection
		100 Mb connection (this model is not available)

CONNECTIONS



USB Connection

The Memor X3 Single Ethernet Dock can be connected to the host by means of any standard Mini USB cable.

Once the host has been turned on, insert the Memor X3 mobile computer into the Dock.

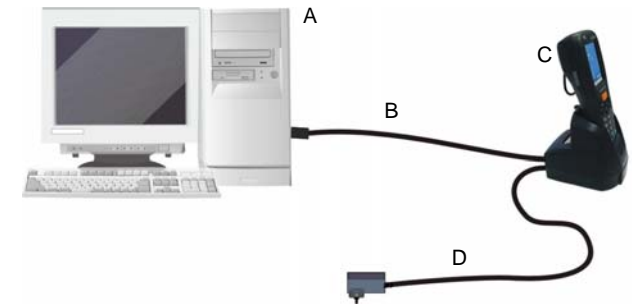



Figure 4 - USB Connection

- A) Host Computer
- B) Std Mini USB (i.e. 94A051016 CAB-421)
- C) Memor X3 Single Ethernet Dock
- D) Power Supply* (only necessary for battery charging)

NOTE  Be sure that the switch is in the "USB" position. During switch operation from USB position to Ethernet position and vice versa the mobile computer must not be inserted in the Dock.

* Recommended power supply: 94ACC1324 PG5-30P35 AC/DC POWER SUPPLY EU/USA PLUG.

RS232 Connection

The Memor X3 Single Ethernet Dock can be connected to the host by means of any standard null modem cable. The 9-pin female D-Sub connector must be connected to the RS232 port of the Dock.

Once the host has been turned on, insert the Memor X3 mobile computer into the Dock.

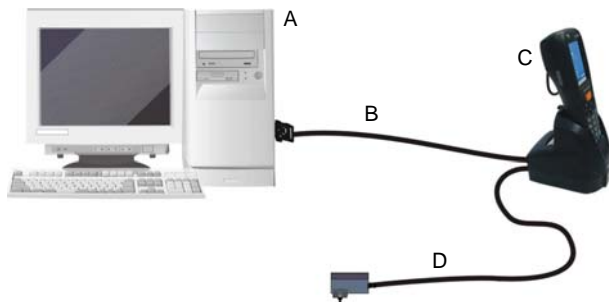
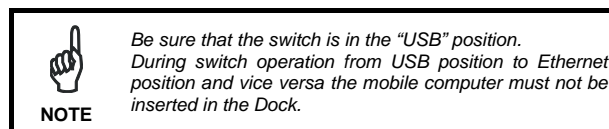


Figure 5 - RS232 Connection

- A) Host Computer C) Memor X3 Single Ethernet Dock
 B) Null Modem cable D) Power Supply* (only necessary for battery charging)



Ethernet Connection

Connect the Ethernet Dock (Ethernet port) to an Ethernet hub or a port on the host device. Connect the Power jack to a power supply*.

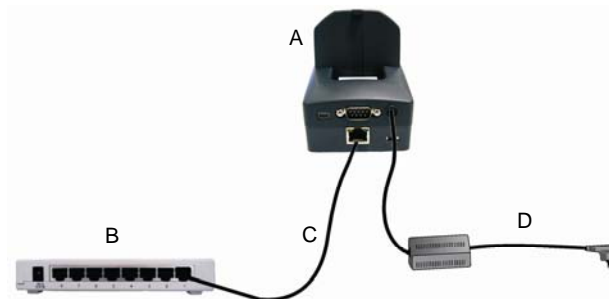


Figure 6 - Ethernet Connection

- A) Memor X3 Single Ethernet Dock C) UTP CAT 5E cable (recommended use)
 B) Ethernet hub D) Power supply*

* Recommended power supply: 94ACC1324 PG5-30P35 AC/DC POWER SUPPLY EU/USA PLUG



NOTE

Be sure that the switch is in the "Ethernet" position During switch operation from USB position to Ethernet position and vice versa the mobile computer must not be inserted in the Dock.



NOTE

You may need to set the Dock configuration or the terminal behaviour using respectively the "Dock Manager" Windows XP application and the "CPDockCE" Windows CE application. You can download the "Dock Manager" installation file and the full "Memor X3 Single Dock User Guide" from the Datalogic Mobile website: www.datalogic.com.

TECHNICAL FEATURES

Memor X3 Single Ethernet Dock	
Electrical Features	
Power Supply*	5 VDC ± 5%
Consumption	Max. 2.5 A
Indicators	Power on LED (green) Spare battery charge LED (bi-colored) Ethernet LEDs (green and yellow)
Charge Time	- 1100 mAh Battery: max. 2 hours spare battery only; max. 3 hours with terminal and spare battery - 2000 mAh Battery: max. 4 hours spare battery only; max. 6 hours with terminal and spare battery - 1430 mAh Battery: max. 3 hours spare battery only; max. 4 hours with terminal and spare battery - 2300 mAh Battery: max. 5,5 hours spare battery only; max. 7,5 hours with terminal and spare battery
Communication Features	
Interface	RS232, USB 1.1 version, Ethernet
Baud Rate	RS232 = up to 115200 b/sec; USB = up to 12 Mb/sec; Ethernet = up to 10 Mbps
Environmental Features	
Working Temperature**	0° to +50 °C (+32° to +122 °F)
Storage Temperature	-20° to +65 °C (-4° to +149 °F)
Humidity	80% non condensing
Degree of Protection	IP50
Mechanical Features	
Dimensions	105 X 75 X 102 mm (4.13 X 2.95 X 4.02 in)
Weight	340 g (12 oz)

* Recommended power supply: 94ACC1324 PG5-30P35 AC/DC POWER SUPPLY EU/USA PLUG.

** Battery must be charged at a temperature ranging from 0° to +36 °C (+32° to +97 °F).

COMPLIANCE

FCC 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 harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

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

Industry Canada (ICES-003) Compliance

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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