

# Memor™ X3 Single Slot Dock

The Memor X3 Single Slot 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 Slot Dock may occur also by using the standard ActiveSync® connection.

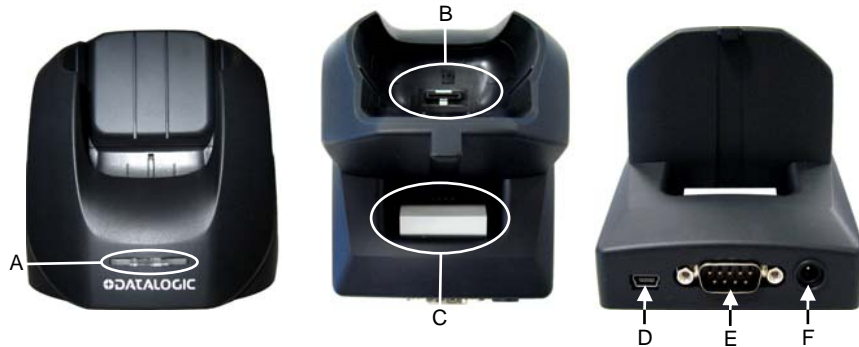


Figure 1 – Memor X3 Single Slot Dock

- A) LED Indicators
- B) Mobile Computer Contacts
- C) Spare Battery Slot
- D) Mini USB Connector
- E) RS232 Connector
- F) Power Jack

The Memor X3 Single Slot Dock is a serial communication adapter between the host computer and the Memor X3 mobile computer, and as such, no power supply is required to be connected to the Dock for communications.

Since the Memor X3 Single Slot 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 is compatible with the following batteries:

- 94ACC1367 DL-Memor Large Capacity Battery  
3.7V at 2000mAh
- 94ACC1368 DL-Memor Standard Battery  
3.7V at 1100mAh
- 94ACC0084 Memor X3 Large Capacity Li-Ion Battery  
3.7V at 2300mAh
- 94ACC0083 Memor X3 Standard Battery  
3.7V at 1430mAh

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## 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 Slot Dock as shown in the following figure.



Figure 2 – Memor X3 Single Slot Dock Charging and Communication

## LED INDICATORS

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



Figure 3 - 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.

## CONNECTIONS

The Memor X3 Single Slot Dock can be connected to a host by means of a USB interface or an RS232 interface.

### USB CONNECTION

The Memor X3 Single Slot 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.

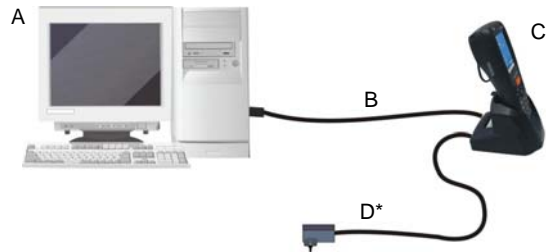


Figure 4 - USB Connection

- A) Host Computer                      C) Memor X3 Single Slot Dock  
 B) Std Mini USB (included in the dock box)    D) Power Supply\* (only necessary for battery charging)

### RS232 CONNECTION

A Memor X3 Single Slot 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.

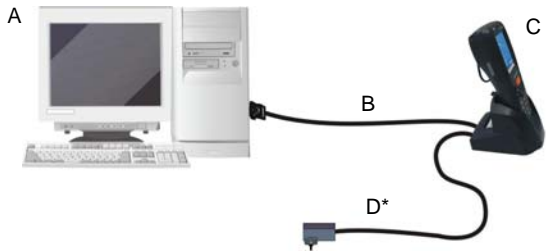


Figure 5 - RS232 Connection

- A) Host Computer                      C) Memor X3 Single Slot Dock  
 B) Null Modem cable (i.e. 94A051020 CAB-427)    D) Power Supply\* (only necessary for battery charging)

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

## TECHNICAL FEATURES

Memor X3 Single Slot Dock	
<b>Electrical Features</b>	
Power Supply*	from 5 VDC $\pm$ 5%
Consumption	Max. 2.5 A
Indicators	Power on LED (green) Spare battery charge LED (bi-colored)
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
<b>Communication Features</b>	
Interface	RS232, USB 1.1 version
Baud Rate	RS232 = up to 115200 b/sec; USB = up to 12 Mb/sec
<b>Environmental Features</b>	
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
<b>Mechanical Features</b>	
Dimensions	105 X 75 X 80 mm (4.13 X 2.95 X 3.15 in)
Weight	256 g (9.03 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.