



# Datalogic Memor™ Single Ethernet-USB Host Cradle

The Datalogic Memor™ Single Ethernet-USB Host Cradle paired with a Datalogic Memor™ mobile computer provides a solution for the collection, decoding and transmission of barcode data. Communication options for this accessory include Ethernet and serial or USB and serial.

The cradle also functions as a charger both for the mobile computer and a spare battery pack. The spare battery pack recharging slot accommodates both 1100 mAh and 2000 mAh Battery packs.

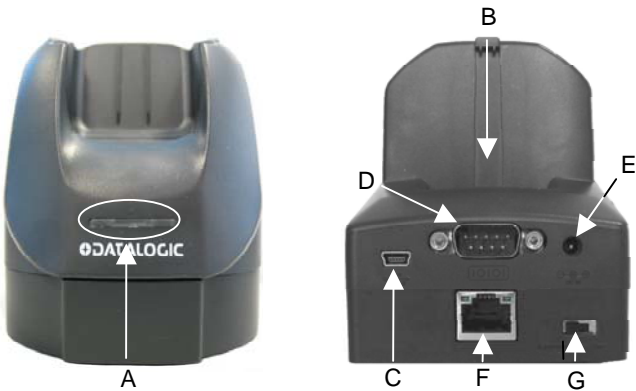


Figure 1 – Datalogic Memor™ Single Ethernet-USB Host Cradle

- 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



**NOTE** Read this manual carefully before performing any type of connection through the cradle. 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 cradle, as it does not contain parts that can be repaired by the user. Any tampering will invalidate the warranty.

## COMPATIBILITY TABLE

The Single Ethernet-USB Host Cradle new technology is not compatible with previous versions of Datalogic Memor™. The following table shows the compatibility between the Datalogic Memor™ models and the two versions of the single ethernet cradle. To help visually identify the new and old devices a set of yellow stickers has been included with the Datalogic Memor™ Single Ethernet-USB Host Cradle. Please apply these as needed to the front of your new devices to ensure expected communications.

Datalogic Memor™ Single Ethernet-USB Host Cradle 94A151122	944201014	DL-Memor+802.11g+BT+1DGS+WM6.1
	944201015	DL-Memor+802.11g+BT+2D+WM6.1
	944201016	DL-Memor+Batch+1DGS+CE5
	944201017	DL-Memor+EdgeE+BT+1DGS+WM6.1
	944201018	DL-Memor+EdgeE+BT+2D+WM6.1
	944201019	DL-Memor+802.11g+BT+1DGS+CE5
	944201022	DL-Memor+802.11g+BT+2D+CE5
Datalogic Memor™ Single Ethernet Cradle 94A151116	944201023	DL-Memor+EdgeA+BT+1DGS+WM6.1
	944201024	DL-Memor+EdgeA+BT+2D+WM6.1
	944201001	DL- Memor 000-904-416 MIN+FNC
	944201003	DL-Memor 001-904-416 BT,MIN+FNC
	944201005	DL-Memor 600-904-416 WIFI6,MIN+FNC
	944201007	DL-Memor 800-904-416 WIFI,MIN+FNC

The Datalogic Memor™ Single Ethernet-USB Host Cradle can be used with device software versions starting at the following:

- WinMobile: Ver: 4.01, Build: 1.02.00.20090918
- WinCE: Ver: 4.01, Build: 3.12.105.20090918.

## CHARGING AND COMMUNICATION

By inserting the Datalogic Memor™ into the cradle, data can be transmitted to the host and batteries will automatically begin charging. In addition, a spare battery can be charged by inserting it into the slot at the back of the cradle as shown in the following figure.

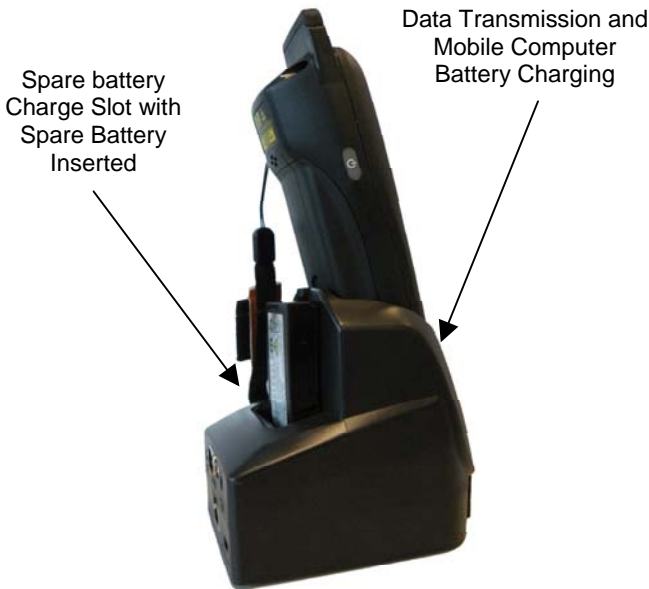


Figure 2 – Datalogic Memor™ Single Ethernet-USB Host Cradle and Communication

## SPARE BATTERY REMOVAL



Figure 3 – Correct removal



Figure 4 – Incorrect removal

## LED INDICATORS

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



Figure 5 - LED Indicators

### Front LED indicators


LED	STATUS	
Charger	Red Constant	Spare battery charging*
	Green Constant	Spare battery charge completed
Power	Green	Constant when the cradle is powered

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

### Ethernet Connector LED Indicators

<b>Ethernet Green LED</b> (right)	Solid Green	100 Mbps connection
	Off	10 Mbps connection
<b>Ethernet Yellow LED</b> (left)	Off	No link established
	Solid Yellow	Link established
	Flashing Yellow	Link activity

CONNECTIONS



*Connections should always be made with power OFF!*

**CAUTION**

Ethernet Connection

- Place the switch in Ethernet position;
- connect the Ethernet cradle to an Ethernet hub or a port on the host device;
- connect the Power jack to a power supply.

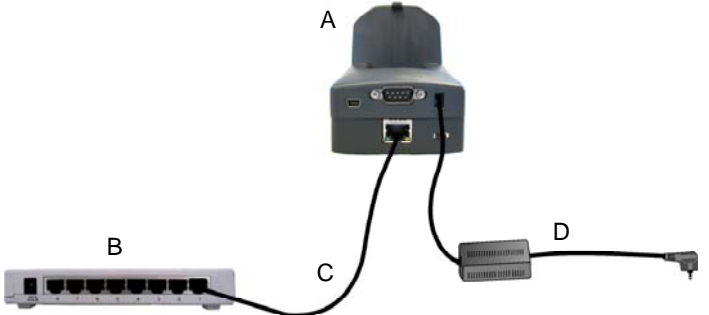



Figure 6 - Ethernet Connection

- A) Datalogic Memor™ Single Ethernet-USB Host Cradle


B) Ethernet hub
- C) UTP CAT 5E cable (recommended use)

D) Power supply



*Please remove the mobile computer before switching between Ethernet and USB to prevent inadvertent device lock up or damage.*

**NOTE**



*The actual data transfer speed can be appreciably lower than the maximum theoretical speed.*

**NOTE**

USB Connection

The Datalogic Memor™ Single Ethernet-USB Host Cradle can be connected to the host by means of any standard Mini USB cable.

- Place the switch in USB position;
- plug in USB cable and optional power;
- load the Datalogic Memor™ in the cradle.

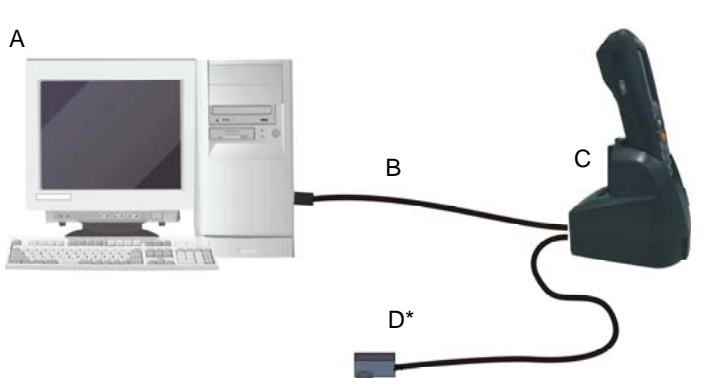



Figure 7 - USB Connection

- A) Host Computer


B) Std Mini USB (i.e. 94A051016 CAB-421)
- C) Datalogic Memor™ Single Ethernet-USB Host Cradle

D) Power Supply (only necessary for battery charging)



*Please remove the mobile computer before switching between USB and Ethernet to prevent inadvertent device lock up or damage. Connection is 2.0 USB standard compliant.*

**NOTE**



*The actual data transfer speed can be appreciably lower than the maximum theoretical speed.*

**NOTE**

RS232 Connection

The Single Ethernet-USB Host Cradle 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 cradle. Once the host has been turned on, insert the Datalogic Memor™ mobile computer into the cradle.

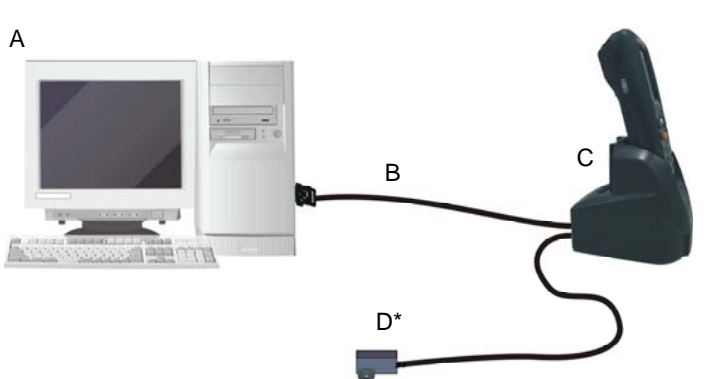


Figure 8 - RS232 Connection

- A) Host Computer

B) Null Modem cable
- C) Datalogic Memor™ Single Ethernet-USB Host Cradle

D) Power Supply (only necessary for battery charging)

TECHNICAL FEATURES

Datalogic Memor™ Single Ethernet-USB Host Cradle	
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
Communication Features	
Interface	RS232, USB 2.0 version, Ethernet 10/100 Base-T
Baud Rate	RS232 = up to 115200 b/sec; USB = up to 480 Mbps; Ethernet = up to 12 Mbps
Environmental Features	
Working Temperature**	0° to +50 °C (+32° to +122 °F)
Storage Temperature	-20° to +70 °C (-4° to +158 °F)
Humidity	80% non condensing
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 +40 °C. For the GSM models the maximum recommended temperature is +35°C. At higher values the charging may slow down. Close to the limits of the working temperature, some display and/or battery performance degradation may occur.

FCC COMPLIANCE

Modifications or changes to this equipment without the expressed written approval of Datalogic could void the authority to use the equipment.

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 which may cause undesired operation.

Note: This equipment 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.

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.