DATALOGIC

# Datalogic Jet™ Ethernet Multi Cradle

The Datalogic Jet™ Ethernet Multi Cradle provides power for charging up to four mobile computers simultaneously and also connects up to four mobile computers to an Ethernet network.


**Figure 1 – Datalogic Jet™ Ethernet Multi Cradle General View**

Key:

A) Link LED for Ethernet Port 1
B) Speed LED for Ethernet Port 1
C) Datalogic Jet™ Charging Status LED
D) Power supply connector
E) Ethernet Port 1 (with integrated Link and Speed LEDs)
F) Ethernet Port 2 (with integrated Link and Speed LEDs)



The Ethernet cradle drivers are pre-installed on the Datalogic Jet™ and initiate automatically when the Datalogic Jet™ is placed in a properly connected Four Slot Ethernet cradle.

When the mobile computer is inserted into the Four Slot Ethernet cradle, the LAN icon indicates that the mobile computer is connected to a network.

**NOTE**

Ethernet communication requires Datalogic Jet™ PDA SW version 5.41 or later. Verify the software version by tapping on *Software – Version* in the Datalogic default home page. Otherwise, search for the file *version.htm* under the Windows folder.

The green Speed LED lights to indicate that the transfer rate is 100 Mbps. When it is not lit it indicates that the transfer rate is 10Mbps.

**NOTE**

The maximum bandwidth capacity for each Mobile Computer is 12Mbps.

The yellow Link LED blinks to indicate activity, or stays lit to indicate that a link is established. When it is not lit it indicates that there is no link.

The Speed LED and the Link LED integrated in Ethernet Port 1 and 2 function in the same way.

The Charging Status LED on the mobile computer shows the status of the battery charging. The maximum time required to recharge a completely run-down battery pack is about 2.5 hours for Li-Ion batteries. See Datalogic Jet™ User's Manual par. 3.5.1 for Charging Status LED indications.

## Correct Mobile Computer Insertion / Removal

Insert the mobile computer into a slot to begin charging and start communication.

For correct insertion onto the cradle, insert the mobile computer from the top of the cradle and push it down firmly.

**Figure 2 - Mobile Computer Insertion**

To remove the mobile computer from the Datalogic Jet™ Ethernet Multi Cradle, simply pull it upwards while holding the cradle firmly down.

## TECHNICAL FEATURES

| | |
|---|---|
| **Electrical Features** | |
| Power supply * | from 12 to 14 VDC ± 5% |
| Consumption | Max 4.2 A |
| Indicators | Ethernet Link LED (yellow)<br>Ethernet Speed LED (green) |
| Charge time (when PDA is off) | max 2.5 hours (Li ION batteries) |
| **Communication Features** | |
| Interface | Ethernet 10/100 Base T |
| **Environmental Features** | |
| Working temperature | 0° to +50°C / 32° to 140°F ** |
| Storage temperature | -20° to +70°C / -4° to 158°F |
| Humidity | 90% non condensing |
| Degree of protection | IP20 |
| **Mechanical Features** | |
| Dimensions | 480 x 110 x 190 mm<br>18.89 x 4.33 x 7.48 in |
| Weight | about 2750 g / 97 oz |

* Recommended DL power supply: FPS18.

** Batteries must be charged at a temperature ranging from 0° to 45 °C (+32° to 113°F).

# CONNECTIONS

**CAUTION** *Connections should always be made with power OFF!*

## Ethernet Connection

Connect the Ethernet cradle (Ethernet port 1) to an Ethernet hub or a port on the host device. Connect the Ethernet cradle (power port) to power supply.

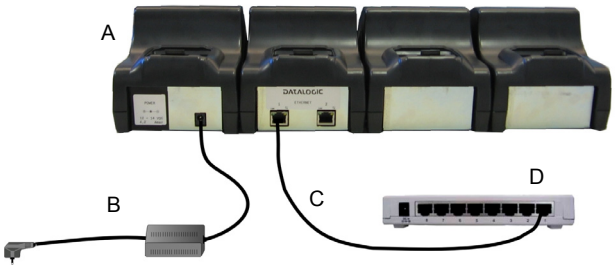


**Figure 3 - Ethernet Connection**

Key:

A) Datalogic Jet™ Ethernet Multi Cradle
B) 94ACC4595 FPS18 power supply without power cord
94ACC1150 Power cord EU 3-pin
C) UTP CAT 5E cable (recommended use)
D) Ethernet hub

## Daisychaining Ethernet Connection

To connect several cradles to an Ethernet network, Ethernet cradles may be daisychained. It is recommended not to connect more than 4 cradles in order to maintain the optimal baud rate. The Speed LED and the Link LED on the Ethernet Port 2 function in the same way as the Speed LED and the Link LED on the front of the cradle.

To daisychain cradles:

1. Connect the first Ethernet cradle to power and to the Ethernet Switch as shown on Figure 4.
2. Connect power to the second Ethernet cradle.
3. Connect the daisychain Ethernet cable (either straight or twisted cable can be used) between Ethernet Port 2 of the first cradle, and Ethernet Port 1 of the second cradle.
4. Connect additional cradles as shown in Figure 4.

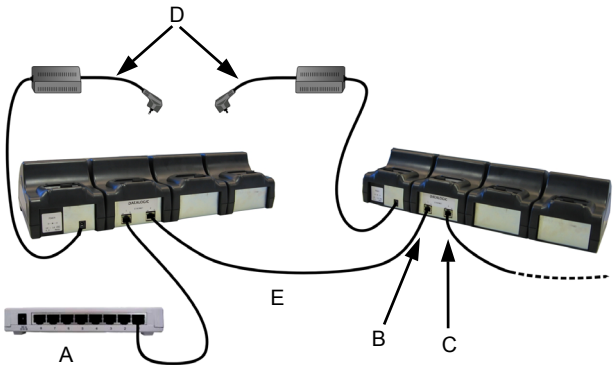


**Figure 4 - Daisychaining Ethernet Connection**

Key:

A) Ethernet hub
B) Ethernet Port 1
C) Ethernet Port 2
D) 94ACC4595 FPS18 power supply without power cord
94ACC1150 Power cord EU 3-pin
E) UTP CAT 5E cable (recommended use).

## Power Supply

Each Ethernet Multi Cradle requires a power supply to be connected to the cradle. We recommend the DL FPS18 power supply.

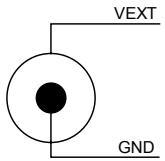


**Figure 5 - Power Supply Polarity**

# COMPLIANCE

## WEEE Compliance

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**DL JET Ethernet Desk Multi Cradle**

e tutti i suoi modelli
and all its models
et tous ses modèles
und seine Modelle
y todos sus modelos

sono conformi alle Direttive del Consiglio Europeo sottoelencate:
are in conformity with the requirements of the European Council Directives listed below:
sont conformes aux spécifications des Directives de l'Union Européenne ci-dessous:
den nachstehenden angeführten Direktiven des Europäischen Rats:
cumple con los requisitos de las Directivas del Consejo Europeo, según la lista siguiente:

**89/336/EEC EMC Directive** e and et und y **92/31/EEC, 93/68/EEC** emendamenti successivi / further amendments / ses successifs amendements / späteren Abänderungen / succesivas enmiendas

Basate sulle legislazioni degli Stati membri in relazione alla compatibilità elettromagnetica ed alla sicurezza dei prodotti.
On the approximation of the laws of Member States relating to electromagnetic compatibility and product safety.
Basée sur la législation des Etats membres relative à la compatibilité électromagnétique et à la sécurité des produits.
Über die Annäherung der Gesetze der Mitgliedsstaaten in bezug auf elektromagnetische Verträglichkeit und Produktsicherheit entsprechen.
Basado en la aproximación de las leyes de los Países Miembros respecto a la compatibilidad electromagnética y las Medidas de seguridad relativas al producto.

Questa dichiarazione è basata sulla conformità dei prodotti alle norme seguenti:
This declaration is based upon compliance of the products to the following standards:
Cette déclaration repose sur la conformité des produits aux normes suivantes:
Diese Erklärung basiert darauf, daß das Produkt den folgenden Normen entspricht:
Esta declaración se basa en el cumplimiento de los productos con la siguientes normas:

**EN 55022 (CLASS A ITE), AUGUST 1994**: LIMITS AND METHODS OF MEASUREMENTS OF RADIO DISTURBANCE OF INFORMATION TECHNOLOGY EQUIPMENT
**AMENDMENT A1 (CLASS A ITE), OCTOBER 2000**:

**EN 55024, SEPTEMBER 1998**: INFORMATION TECHNOLOGY EQUIPMENT. IMMUNITY CHARACTERISTICS. LIMITS AND METHODS OF MEASUREMENTS

Lippo di Calderara, November 6th, 2006

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