Lynx™ Single Slot Dock Quick Start Guide

NOTE

Read this manual carefully before performing any type of connection from the terminal to a host PC using the Single Slot 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 Single Slot Dock, as it does not contain parts that can be repaired by the user. Any tampering will invalidate the warranty.

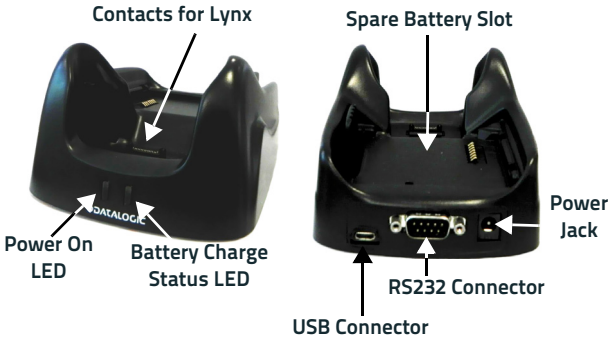
The Single Slot Dock paired with a Lynx PDA builds a reading system for the collection, decoding and transmission of barcoded data.

The Single Slot Dock is both a USB and a serial communication adapter between the terminal and the host computer.

The Single Slot Dock also functions as a battery charger, both for the terminal and the spare battery pack (standard 94ACC0064 and high capacity 94ACC0065). The spare battery can be charged by inserting it into the slot at the back of the cradle.

Power supply is required for the Lynx to be connected to the cradle and for battery recharging operations.

General View



PDA Insertion/Removal

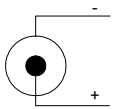
For correct insertion into the dock, insert the PDA from the top of the dock and push it down.



To remove the PDA from the dock, simply pull it upwards while holding the dock firmly down.

Power Supply

Each dock requires a power supply.



LED Indicators

LED	Status
Power ON LED	
Solid green	Dock is powered.
Battery Charge Status LED	
Off	Battery absent.
Solid red	Battery charge in progress.
Solid green	Charge completed.
Blinking red	Error.

Using the Spare Battery Charger

Insert the battery pack, contacts side first, into the slot and press it until the battery latch is automatically closed; charging starts automatically.





To remove the battery, press the battery-release lever.





Fastening the Dock to a Surface

To securely fasten the Single Slot Dock to tables, desks and other surfaces, and to prevent the dock from moving when you remove the device, use the four velcro dual lock feet provided with the matching dual-lock adhesive pads.



Remove the protective feet from the dock before attaching the velcro dual lock feet.

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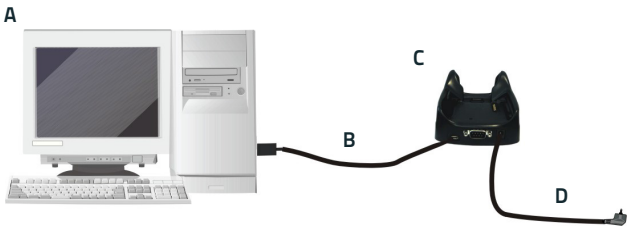
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Connections

USB Client Connection

Connect the Single Slot Dock to the host by means of a Micro-B USB cord, such as Datalogic 94A051968 cable.

Once the host has been turned on, insert the Lynx into the dock.



A. Host computer
B. 94A051968 Micro-B to Std-A USB straight cable
C. 94A150036 Lynx Single Slot Dock
D. Power Adapter

Connection to USB Peripherals

Connect the Single Slot Dock to the peripheral by means of a Micro-A USB cord, or use a Micro-A to Std-A receptacle USB adapter such as Datalogic 94A051969 (together with a standard USB cable if needed).

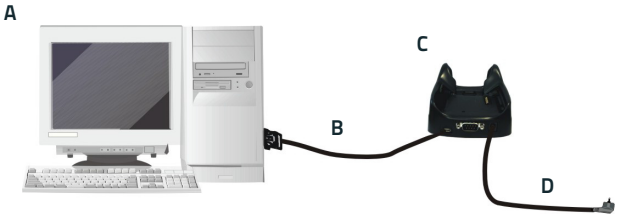


A. USB Peripheral (memory)
B. Standard A to Micro A USB Cable
C. 94A051969 Micro-A to Std-A receptacle USB adapter
D. 94A150036 Lynx Single Slot Dock
E. Power Adapter

RS232 Connection

Connect the Single Slot Dock to the host by means of a standard null modem cable such as Datalogic 94A051020 CAB-427 for 9-pin connections.

Once the host has been turned on, insert the Lynx into the dock.



A. Host computer
B. 94A051020 9-pin serial cable
C. 94A150036 Lynx Single Slot Dock
D. Power Adapter

Communication Module Extensions

To install a communication module, remove the label covering the communication module connector on the bottom of the dock, as shown in the figure below:



The communication modules available are the following:

- 94ACC1371 Single Slot Dock Ethernet Module
- 94ACC1372 Single Slot Dock Modem Module.

WARNING

Do not use the cradle in a PoE network, i.e. in a network with PSE able to supply power: there is the risk to compromise, in irreversible way, the functionality of the Ethernet Module.

Technical Specifications

Electrical Features		
Power supply[1]		5 VDC ± 5% @ 3A
Consumption		Max 3 A with PDA inserted
Spare slot charge time		
	Std Battery	3h
	High Cap Battery	4h 30
Communication Features		
Interface		RS232, USB 1.1 version
Baud Rate		RS232 = 9600 - 115200
Environmental Features		
Working Temperature[2]		0° to +50°C / 32° to 122°F
Storage Temperature		-20° to +70°C / -4° to 158°F
Humidity		95% without condensation
Electrostatic discharge EN 61000-4-2		4 KV contact / 8 KV air
Physical Features		
Dimensions		110 x 140 x 72 mm / 4.3 x 5.5 x 2.8 in
Weight (without cables)		185 g / 6.5 oz
Indicators		Green power-on LED Bicolored battery charge status LED

1. This device is intended to be connected to a UL Listed/CSA Certified Power Unit marked 'Class 2" or LPS power source rated 5 V, 3A. The package may include international plug adapters. The adapters must be plugged in the power supply before the power supply itself is plugged on the wall outlet.
2. When inserted in the spare slot, batteries must be charged at a temperature ranging from 0° to 44°C. Never charge the main device or spare batteries in a closed space where excessive heat can build up.

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.