Datalogic S.r.l.
Via San Vitalino 13
40012 Calderara di Reno (BO)
Italy
Tel. +39 051 3147011
Fax +39 051 3147205

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Conventions

This manual uses the following convention:
"Dock" and "3-Slot Dock" refer to the DOCK, 3 SLOT, FULL, MEMOR 20.

Patents

See www.patents.datalogic.com for patent list.

Support Through the Website

Datalogic provides several services as well as technical support through its website.
Log on to www.datalogic.com.
For quick access, from the home page click on the search icon, and type in the name of the product you're looking for. This allows you access to download Data Sheets, Manuals, Software & Utilities, and Drawings.
Hover over the Support & Service menu for access to Services and Technical Support.

Warranty Terms and Conditions

The warranty period is 1 year for the device and 90 days for consumables (e.g. battery, power supply, cable etc.) from date of purchase at our company.

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memor 20

3-Slot Dock Full

Quick Start Guide

822003290 (Rev. A) Oct. 2019

See the Safety & Regulatory Addendum included with your product for additional regulatory, safety and legal information.

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Out of the Box

The Memor 20 3-Slot Dock Full package contains:

- 3-Slot Dock Full
- Rubber Pads Kit
- Unlock Key x1
- USB/Ethernet Plug in (with two screws) x3
- Quick Start Guide
- Safety & Regulatory Addendum

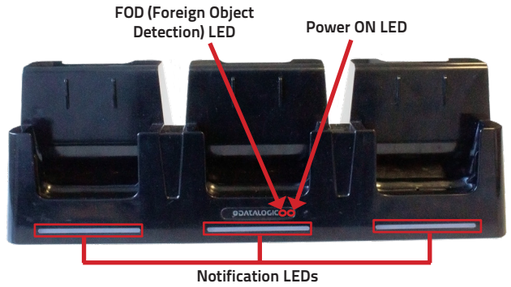
Remove all the components from their packaging; check their integrity and compare them with all the packing documents.

CAUTION

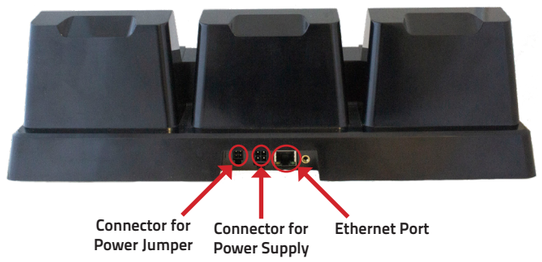
Keep the original packaging for use when sending products to the technical assistance center. Damage caused by improper packaging is not covered under the warranty.

General View

Front View

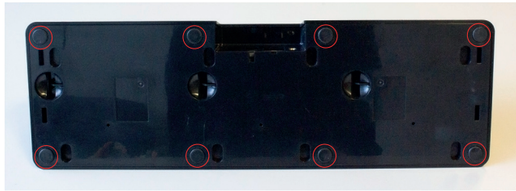


Back View



Mount the Rubber Pads

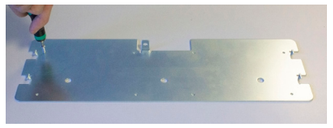
Attach the self-adhesive rubber pads to the bottom of the dock as shown below:



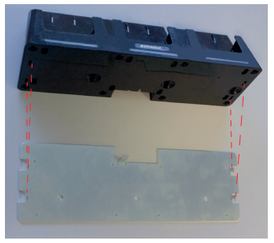
Fast the Dock to a Surface

To securely fasten the Memor 20 3-Slot Dock Full to tables, desks and other surfaces, and to prevent the dock from moving when you remove the device, use the metal plate included in the box.

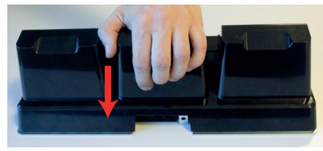
1. Secure the metal plate to the desired surface with the 4 provided cross pan head screws. We recommend to use a torx-10 screwdriver.



2. Insert the dock into the metal plate. Each protrusion on the metal plate is aligned with a slot in the dock to prevent incorrect insertion.



3. Push the dock backward until it snaps into place.



4. Secure the dock with the provided round washer head screw. Use a cross screwdriver.

Remove the Memor 20 from the 3-Slot Dock Full

The Memor 20 3-Slot Dock Full can be unlocked using the unlock key provided with the cradle or by software sending an unlock command from the inserted device (see the Memor 20 user's manual or the SDK documentation).
To locally unlock the dock, insert the unlock key into the opening and gently press it all the way down:

You can now remove the Memor 20.

Power the Dock

CAUTION

Use only the Datalogic power supply 94ACC0250 to power the 3-Slot Dock Full.

Plug the power supply cable into the power connector on the back of the dock, then plug the power supply into the AC/DC plug.

Daisy Chain Connection

The daisy chain connection allows to power two docks with one power supply.
To connect a second cradle use the JoyaTouch/M1/Memor20 Power Jumper (available as optional accessory, p/n 91ACC0049).

1. Connect the first dock to the second dock using the power jumper.
2. Connect the power supply to the first dock.
3. Plug the power supply into the AC/DC plug.

Charge the Memor 20

Insert the device into the dock with the screen facing front and the head facing up.
The dock is able to provide wireless power to the Memor 20 when the device is correctly inserted.
Use the Dock Manager application on your Memor 20 to select the charging mode (standard or fast). See the Memor 20 User Manual for more information.

CAUTION

Make sure there is nothing between the dock and the device. Do not put any foreign object such as, but not limited to, coins, paper clips, stickers inside the slot of any of the docks.

WARNING

Do not attempt to charge any other device different from the Memor 20 devices.

NOTE

Under the same conditions, the fast charge connection can charge the battery up to twice as fast as the standard charge connection.

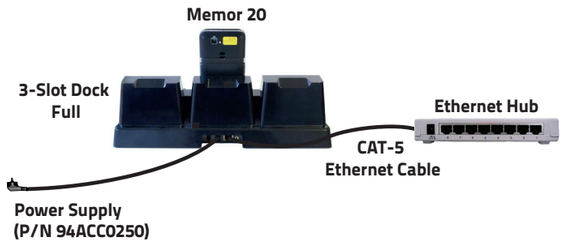
Ethernet Connection

1. Connect the 3-Slot Dock Full to the power supply (available as optional accessory, p/n 94ACC0250).
2. Plug a CAT-5 ethernet cable into the ethernet port on the back of the dock.
3. Plug the ethernet cable into the ethernet hub or a port on the host device.
4. Remove the cap from the pogo pins on the dock.

5. Remove the USB rubber cap from the Memor 20.

6. Insert the USB/ethernet plug included in the dock's box and fasten it with the two provided screws.

7. Turn on the Memor 20.
8. Insert the Memor 20 into the dock.



LED Indicators

LED Behavior	Operation Status
Power ON	
Solid green	Dock is powered
Foreign Object Detection (FOD)	
Blinks red at 4 Hz	Foreign object detected, output power is disabled.
Notification	
Blinks green once	Device insertion
Solid green (until device extraction or timeout expiration)	Device extraction
Blink red, 1 quick pulse	Failure - Lever error
Blink red, 2 quick pulses	Failure - WLC FOD
Blink red, 3 quick pulses	Failure - WLC error
Blink red, 4 quick pulses	Failure - Daisy-chain error

CAUTION

In case of FOD led blinking, remove the foreign object.

NOTE

You can change the Notification LED behavior using the Datalogic SDK.

Technical Specifications

Electrical Features	
Indicators Consumption	Power on LED (green) FOD LED (red) Notification LEDs (green/red)
Environmental Features	
Working Temperature	0°C to 45°C
Storage Temperature	-30°C to 70°C
Humidity	5-95% non condensing
Mechanical Features	
Dimensions	368.3 x 120 x 112 mm / 14.5 x 4.7 x 4.4 in
Weight	1390 g / 49 oz