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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.



memor™ 20

Vehicle Dock



Quick Start Guide



822003300 (Rev. A) Nov. 2019



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

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www.datalogic.com

Out of the Box

The Memor 20 Vehicle Dock package contains:

- Memor 20 Vehicle Dock
- Quick Start Guide
- Safety & Regulatory Addendum

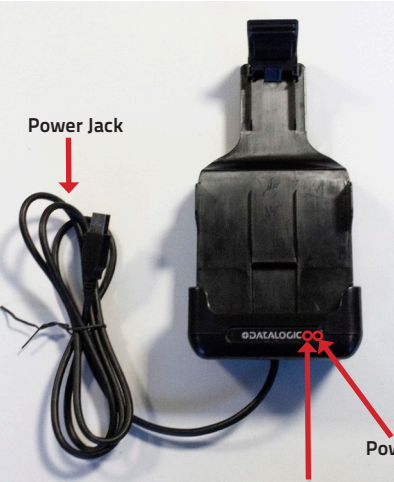
Remove all the components from their packaging; check their integrity and compare them with all the packing documents.



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

Vehicle Dock



FOD (Foreign Object Detection) LED

Mount the Ram Mount Adjustable Arm

The Ram Mount Adjustable Arm is available as optional accessory (P/N 94ACC0075) and allows wide range of rotation for the dock. It can be mounted on any flat surface while the ball joints enable position flexibility.

1. Align the adjustable arm with the two screw holes on the rear of the dock as shown in the figure below:

2. Secure the adjustable arm to the rear of the dock using two screws M5X10 and two nuts M5:



Install only on properly grounded mobile platforms. If this dock is used on an electric vehicle, ensure that no part of the dock and PDA can come into contact with the vehicle chassis. Electrical discharges can develop on these vehicles, which can damage the dock and/or PDA.



Do not install the dock on or near an airbag cover plate or a blower. Do not install it in a location that may affect vehicle safety, visibility and driveability.

Power the Dock

1. Plug in the cigarette lighter adapter* into your vehicle's cigarette lighter.
2. Insert the cigarette lighter adapter output plug in the dock power jack (see figure below). When the dock is powered, the Power ON LED lights up solid green.



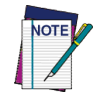
CAUTION

Make sure your vehicle's power source is between 10 to 30 VDC, and is capable of supporting a 3000mA current drain. If you have any concerns regarding this, refer to your vehicle owner's manual.



CAUTION

The cigarette lighter adapter must not be used if the battery car is fully depleted.



NOTE

To reduce quiescent current and extend battery life, disconnect the vehicle dock when the car is not powered.

Charge the Memor 20

The rubber boot is needed to insert the Memor 20 into the vehicle dock. The rubber boot provides additional protection to the device and is available as optional accessory (P/N 94ACC0193 for standard models; P/N 94ACC0204 for healthcare models).



Insert the Memor 20 with the rubber boot into the dock with the screen facing front and the head facing up.



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. Do not apply any sticker to the Memor 20 (see the examples below).



WARNING

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



CAUTION

Do not use the Memor 20 while driving. The user is responsible for driving safely.

LED Indicators

LED Behavior	Operation Status
Power ON	
Solid green	Dock is powered
Foreign Object Detection (FOD)	
Blinks red slow at 0.625Hz	Foreign object detected, output power is reduced.
Blinks red fast at 2.5Hz	Foreign object detected, output power is further reduced.
Solid red	Foreign object detected, output power is disabled.



CAUTION

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

Technical Specifications

Electrical Features	
Power Supply (with CLA)	From 10 to 30 VDC
Indicators Consumption	Power on LED (green)
	FOD LED (red)
Environmental Features	
Working Temperature*	-20°C to 50°C
Storage Temperature	-30°C to 70°C
Humidity	5-95% non-condensing
Vibration Resistance	EN60068-2-64
Shock Resistance	EN60068-2-27
Mechanical Features	
Dimensions	202 x 89 x 61 mm / 7.9 x 3.5 x 2.4 in
Weight	269 g / 9.48 oz
	335 g / 11.82 oz (with cigarette lighter power adapter)

* Available as accessory:

- 94A050045 POWER ADAPTER 12/24VDC CLA, Memor 20 (U.S. Models)
- 94A050048 POWER ADAPTER,12/24VDC CLA, Memor 20 (E.U. Models)

* Charging temperature range: 0° to 45° C