



Datalogic Memor™ Power Adapter Cable

The Datalogic Memor™ Power Adapter Cable allows powering the Datalogic Memor™ mobile computer (either directly or through the Powered Vehicle Dock).

THE PACKAGE

The Power Adapter Cable package includes the following items:



Figure 1

- A) Power Adapter Cable
- B) CLA Battery Female Adapter
- C) Fuse Holder

THE POWER ADAPTER CABLE

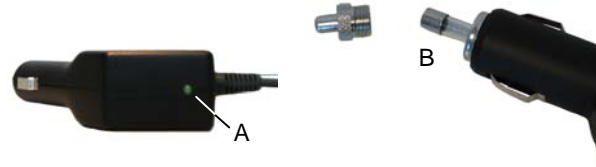


Figure 2a

Figure 2b

- A) Green LED
- B) Fuse (2.5A 250V)

When the Power Adapter Cable is powered, the green LED lights up.

The Power Adapter Cable fuse can be easily replaced by unscrewing the ring nut and removing the cap (see Figure 2a).

POWERING THE MEMOR™ POWERED VEHICLE DOCK

Powering the dock/ Memor in your vehicle.

1. Plug in the supplied Power Adapter Cable into your vehicle's cigarette lighter or 12V or 24V power source;
2. insert the Power Adapter Cable output connector:
 - a) in the power port at the right bottom of the dock (see figure 3a). When the dock is powered, the green LED lights up;
 - b) in the port at the bottom of the mobile computer (see figure 3b).



Figure 3a



Figure 3b



CAUTION

Make sure your vehicle's output voltage is between 10V to 32V, and is capable of supporting a 2000mA current drain. If you have any concerns regarding this, refer to your vehicle owner's manual.



CAUTION

When the Power Adapter Cable is connected to the Memor, it is recommended not to lift the mobile computer by the Power Adapter Cable.

Powering the dock/ Memor using the Battery Female Adapter

For connection to the vehicle power source through the Battery Female Adapter, it is necessary to prepare the power cable termination to connect the dock to the vehicle power source.

- Red wire: connect to a V+ (10 to 32 Vdc) vehicle power source;
- Black wire: connect to the vehicle ground wire or chassis ground.

In this case, it is mandatory to use the slow-blow 8A 250V (with holder) supplied.

1. Verify that the fuse is contained within the holder, then splice it to the end of the red wire of the cable. Make the distance between fuse holder and power connection point as short as possible and apply a caution label on the fuse holder.

Once the power cable termination has been completed, it is possible to connect the dock to the vehicle power.



Figure 4



Figure 5

2. Plug in the cigarette lighter adapter into the Battery Female Adapter:



Figure 6

3. Insert the Power Adapter Cable output connector in the dock/Memor power port (see the previous section).



NOTE

To avoid battery waste, it is recommended to connect the dock to a power connection point switched by the ignition key.



CAUTION

When connecting the Battery Female Adapter cable to the power connection point, ensure that it does not pass by sharp or very hot surfaces.

Battery Charging

The Power Adapter Cable provides battery charging for the Datalogic Memor™ when powered.



NOTE

The Datalogic Memor™ will charge its installed battery when power is applied to the Power Adapter Cable.

TECHNICAL FEATURES

Datalogic Memor™ Power Adapter Cable	
Electrical Features	
Power Supply	from 10 to 32 VDC
Consumption (with mobile computer)	Max. 1.15 A
Quiescent Consumption (CLA + Dock no load)	Max. 38 mA
Quiescent Consumption (CLA only no load)	Max. 32 mA
Indicators	Power on LED (green)
Charge Time	Li-Ion Battery: max. 4 hours
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
Sinusoidal Vibration Resistance EN 60068-2-6	14 mm @ 2 to 10Hz; 1.5 mm @ 13 to 55 Hz; 2 gn @ 70 to 200 Hz; 2 hours on each axis
Random Vibration Resistance EN 60068-2-64	Frequency Range 5-1000 Hz; acceleration RMS: 3.1 g; initial slope: 26 dB/octave 5-10 Hz, final slope: -3 dB/octave 10-1000 Hz; 1 hour on each axis
Bump Resistance EN 60068-2-29	25 G; 6 ms; 500 up & 500 down bumps on each axis
Shock Resistance EN 60068-2-27	30 G; 11ms; 3 shocks on each axis
Mechanical Features	
Weight (CLA + Adapter)	180 g / 7.2 oz

- * 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.