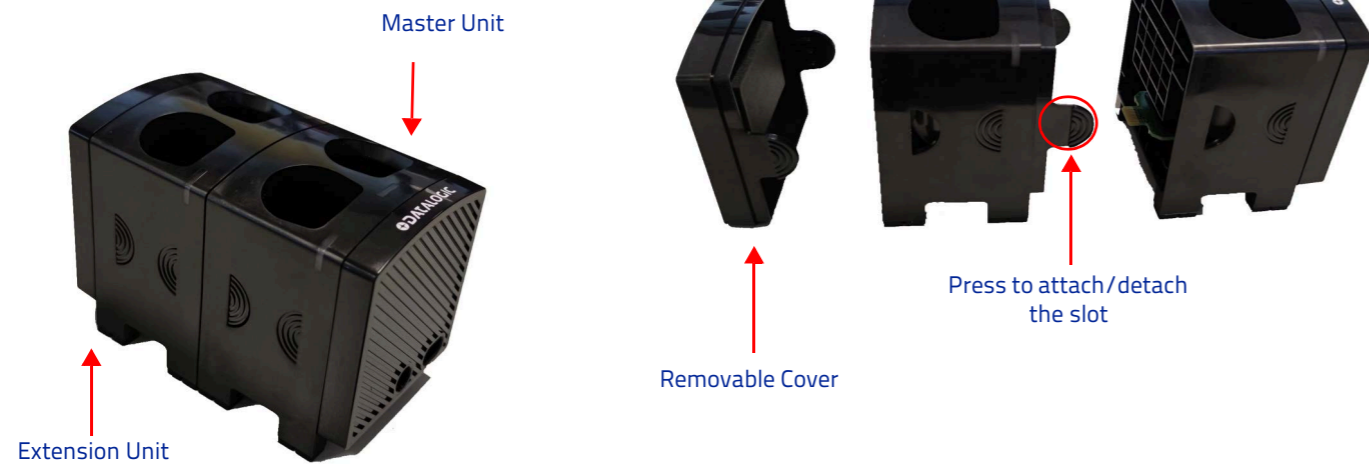


# MC-P096 Multi-Slot Battery Charger

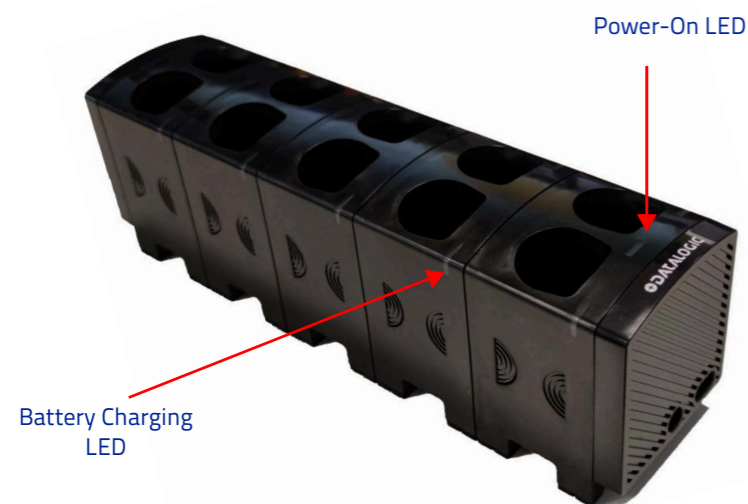
## QUICK REFERENCE GUIDE

MC-P096 is a Multi-Slot Battery Charger (MBC) that allows you to charge the PowerScan™ PM9600 battery packs. MC-P096-M2 (Master) unit can charge up to 2 batteries simultaneously and can be extended with maximum 4 MC-P096-E2 (Extension) units to charge up to 10 batteries. Master unit has a power supply connector to power itself and the connected extension units. Moreover, Master unit has a USB Type-C connector for service purposes and/or to retrieve information on battery packs. MC-P096-M4 is a MBC configuration consisting of a MC-P096-M2 unit and a MC-P096-E2 unit to allow you to charge up to 4 batteries simultaneously.

### MC-P096-M4 MBC CONFIGURATION



### MC-P096-M2 UNIT + 4 MC-P096-E2 UNITS Maximum allowed configuration (4 extension units = 10 batteries)



**WARNING: No more than 4 extension units can be supported.**

### USING MBC-P096

To attach or detach different units to each other, press on the tab indicated in the figure on the opposite page.



**WARNING: Make sure that the Master unit is disconnected from the power supply before starting this operation.**

### POWER SUPPLY

Datalogic 12V, 5A wall adapter is recommended (90ACC0350) and a standard Power Cord cable is needed to connect the power supply to the socket, e.g. the following Datalogic P/Ns:

- P/N: 6003-0924 Power Cord, 220V, Italy/Chile
- P/N: 6003-0941 US Power Cord, 110V, US, Standard
- P/N: 6003-0940 Power Cord, AC, IEC/EU

### CONNECTIONS

To power the MC-P096, follow the steps below:

1. Plug the power supply cable into the round connector placed on the Master unit;
2. Plug the power cord into the power supply unit;
3. Plug the power cord into a socket.

The Power LED turns on when the unit is correctly powered.

For battery data retrieving, follow the steps below:

1. Plug the USB Type-C cable into the USB port placed on the Master unit.
2. Plug the other side of the USB cable to a Host unit (e.g. a PC with Aladdin application).



### CHARGE FUNCTION

Charging process starts automatically as soon as a battery pack is inserted into a free slot.



**NOTE: It is recommended to use ONLY certified Datalogic P/N 70031180X Removable Battery Pack. Do not attempt to open and/or disassemble the battery or the battery charger. To achieve the best performances, install and keep the MBC in a clean and cool environment.**

### Battery Charging State - LED Description

CHARGING LED STATE	CHARGING STATE
Off	The LED is off if the slot is empty or, with the battery inside, in case of battery failure
Blinking: Orange (charge <50%) Green (charge >50%)	Charging
Solid Green	End of charge

The charge takes place slowly if the battery is extremely low.



**NOTE: Not all types of battery failures can be signaled by the battery charger.**



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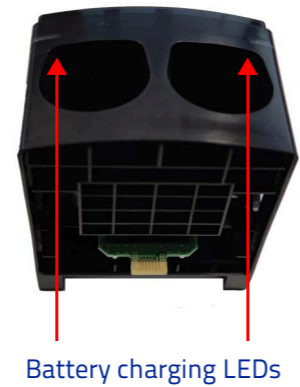
Rev. A

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MC-P096 Master body



MC-P096 Extension body



## SURFACE MOUNTING

The Master and the Extension unit packages contain a clip, two screws and a bracket for fixing purposes.

To fix the unit to a DIN guide:

1. Use the screws to fix the clip to the bottom side of the unit;
2. Insert the clip into the DIN guide.

To fix the unit to the bracket:

1. Fix the bracket on a flat surface using screws (not included);
2. Use the screws to fix the clip to the bottom side of the unit;
3. Insert the clip into the fixed bracket.



To release the unit:

1. Keep pressing the clip;
2. Remove the unit from the DIN guide or bracket.



**NOTE:** For MBC with multiple extension units, mount the clips only on the master unit and on the last extension unit to easily remove the MBC from the DIN rail or bracket.

## TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS		ELECTRICAL CHARACTERISTICS		ENVIRONMENTAL CHARACTERISTICS	
Dimensions	Master unit: 72x70x87mm Extension unit: 76.5x70x87mm	Power Supply	12 VDC	Working Temperature	0° to +40 °C +32° to +104 °F
Weight	MC-P096-E2: 130g MC-P096-M2: 160g MC-P096-M4: 290g	Max. Consumption	2-slot (master only) MAX 0.8A 4-slot MAX 1.6A 6-slot MAX 2,4A 8-slot MAX 3,2A 10-slot MAX 4A	Storage Temperature	-20° to +70 °C -4° to +158 °F
LEDs	Green: Power-On Red/Yellow/Green: Charging state	Charge Time	3300 mAH Li-Ion battery: 3.5h at 25 °C (77 °F)	Humidity	90% non-condensing



**CAUTION:** The Multi-Slot Battery Charger MC-P096 should be operated at an ambient temperature between 0 and 35 °C (32 to 95 °F) to achieve the maximum charging rate. Never charge the battery packs in a closed space where excessive heat can build up. As a safety precaution, the battery charging may stop or slow down to avoid overheating.

## FCC COMPLIANCE

Modifications or changes to this equipment without the expressed written approval of Datalogic could void the authority to use this 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. 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.

## POWER SUPPLY

This device is intended to be supplied by a UL Listed/CSA Certified Power Unit marked "Class 2" or LPS power source rated 12 VDC, minimum 60 W, which supplies power directly to the device.

## WEEE COMPLIANCE



For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at [www.datalogic.com](http://www.datalogic.com)