MC-GM45 Multi-Slot

QUICK REFERENCE GUIDE

INTRODUCTION

The MC-GM45 is a Multi-Slot Battery Charger with 4 slots. It allows you to charge the Gryphon™ GBT-GM4500 and, subject to a software update, also the GBT-GM4600 power packs (Battery and SuperCap).



TECHNICAL FEATURES

ELECTRICAL		PHYSICAL	
Power supply	12 VDC	Dimensions	212.2 x 70.5 (or 72 with bumpons) x 63.8 mm (8.35 x 2.78 - or 2.83 with bumpons -x 4.1 in)
Max consumption	max 1,8 A	L x H x D	
Charge time	**Battery** Battery Type: Lithium-Ion: 3,250 mAh Charge Time: from empty to full 3,5 hours; from 10% to 80% 2 hours. **SuperCap Capacitor** Capacity: 1000 F Charge time: from empty to full 30 min; from 10% to 80% 10 min.	Weight	280 g (9.88 oz)
		LEDs	Green: Power-On Red/Yellow/Green: Charging state
		ENVIRONMENTAL	
		Working temperature	+5° to +40 °C +41° to +104 °F
		Storage temperature	-20° to +70 °C -4° to +158 °F
		Humidity	90% non-condensing

CAUTION: The Multi-Slot Battery Charger MC-GM45 should be operated at an ambient temperature between 5 and 35 °C (41 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.

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

Plug the power supply cable into the connector positioned on the MC-GM45 base. Plug the Power Cord into the Power Supply connector and then plug the Power Cord into a socket.



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USING MC-GM45

CHARGE FUNCTION



Correctly insert the battery pack into one of the free slots: charging starts automatically.

NOTE: It is recommended to use ONLY certified Datalogic P/N RBP-GM45 Removable Battery Pack (also known as Model BT-47) and, subject to a software update, also RSP-GM46 and RBP-GM46 (also known as BT-63 and BT-62) for charging. Do not attempt to open and/or disassemble the battery charger. For best performance, it is suggested to install the Multi-Slot Battery Charger in a clean and fresh environment.

Battery Charging State LED Description

LED State	Charging State
Off	Empty slot
Blinking Orange (charge <50%) or Green (charge >50%)	Charging
Solid Green	End of charge
Solid Red	Battery failure - replace battery

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.

NOTE: The Multi-Slot Battery Charger MC-GM45 is intended per desk use but it's also possible a wall mounting.

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 20 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

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