

# **QUICK CHARGER**



Made in Switzerland

# **Safety and Liability**

### **General Information**

This manual contains important information on the safety, use and maintenance of the Quick Charger. Read through the manual carefully before the first use of the instrument. Keep the manual in a safe place for future reference.

## Liability

Our "General Terms and Conditions of Sales and Delivery" apply in all cases. Warranty and liability claims arising from personal injury and damage to property cannot be upheld if they are due to one or more of the following causes:

- Failure to use the instrument in accordance with its designated use as described in this manual.
- Incorrect performance check for operation and maintenance of the instrument and its components.
- Failure to adhere to the sections of the manual dealing with the performance check, operation and maintenance of the instrument and its components.
- Unauthorised modifications to the instrument and its components.
- Serious damage resulting from the effects of foreign bodies, accidents, vandalism and force majeure

All information contained in this documentation is presented in good faith and believed to be correct. Proceq SA makes no warranties and excludes all liability as to the completeness and/or accuracy of the information.

## **Safety Instructions**

The equipment is not allowed to be operated by children or anyone under the influence of alcohol, drugs or pharmaceutical preparations. Anyone who is not familiar with this manual must be supervised when using the equipment.

- Carry out the stipulated maintenance properly and at the correct time.
- Following completion of the maintenance tasks, perform a functional check.

## **Correct Usage**

- The instrument is only to be used for its designated purpose as describe herein.
- Replace faulty components only with original replacement parts from Proceq.
- Accessories should only be installed or connected to the instrument if they are expressly authorized by Proceq. If other accessories are installed or connected to the instrument then Proceq will accept no liability and the product guarantee is forfeit.

## **Maintenance and Cleaning**

- Do not immerse the instrument in water or other fluids.
- Keep the housing clean at all times.
- Wipe off contamination using a moist and soft cloth.
- Do not use any cleaning agents or solvents.
- Do not open the housing of the instrument yourself.

## **Declaration of Conformity**

Safety requirements: EN61010-1 / IEC61010-1 Electromagnetic Compatibility: 2014/30/EU Determined by: EN61326-1 / IEC61326-1 / FCC Part 15

	٨		
/	i	Ι	

**Warning:** This is a Class A product (radiated emission). In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

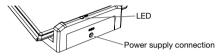
© 2014 Proceq SA

## **Operation**

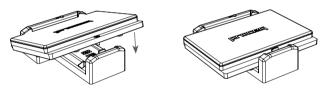
i

NOTE! To be used only with the Power Supply provided (Part No. 327 01 061) and the Proceq Battery Lithium Polymer, 3.6 V, 14.0 Ah (Part No. 327 01 033).

1. Connect the power supply to the quick charger.



2. Insert the battery into the quick charger until it latches in place (there is no need to fix it with the screw).



3. Charge until the LED changes to green.

It is recommended to remove the battery from the charger on charge completion. Maximum charge duration is approximately 5.5 h for a completely discharged battery. Typically it takes about 3 h to charge an empty battery to 80 %.

## **LED Indication**

Red:	Charging
Green:	Charging complete
LED off:	Error status (over-temperature)

# **Technical Specifications**

### **Quick Charger**

Part Number	327 01 053
Input	12 V +/-25 % / 2.5 A
Output	Max. 4.2 V DC / 4 A
Dimensions	150 x 124 x 40.5 mm
Weight	184 g
Max. Altitude	2'500 m above sea level
Humidity	< 95 %
Operating Temperature	0°C - 30°C
Environment	Indoor use only
Pollution Degree	2
Installation Category	2
Power Supply	
Part Number	327 01 061
Model	HK-AH-120A500-DH
Input	100-240 V / 1.6 A / 50/60 Hz
Output	12 V DC / 5 A
Max. Altitude	2'500 m above sea level
Humidity	< 95 %
Operating Temperature	0°C - 40°C
Environment	Indoor use only
Pollution Degree	2
Installation Category	2

© 2014 Proceq SA

#### **Proceq Europe**

Ringsträsse 2 CH-8603 Schwerzenbach Phone +41-43-355 38 00 Fax +41-43-355 38 12 info-europe@proceq.com

### Proceq UK Ltd.

Bedford i-lab, Priory Business Park Stannard Way Bedford MK44 3RZ United Kingdom Phone +44-12-3483-4515 info-uk@proceq.com

### Proceq USA, Inc.

117 Corporation Drive Aliquippa, PA 15001 Phone +1-724-512-0330 Fax +1-724-512-0331 info-usa@proceq.com

### **Proceq Asia Pte Ltd**

12 New Industrial Road #02-02A Morningstar Centre Singapore 536202 Phone +65-6382-3966 Fax +65-6382-3307 info-asia@proceq.com

### **Proceq Rus LLC**

UI. Optikov 4 korp. 2, lit. A, Office 410 197374 St. Petersburg Russia Phone/Fax + 7 812 448 35 00 info-russia@proceq.com

#### **Proceq Middle East**

P. O. Box 8365, SAIF Zone, Sharjah, United Arab Emirates Phone +971-6-557-8505 Fax +971-6-557-8606 info-middleeast@proceq.com

### Proceq SAO Ltd.

South American Operations Alameda Jaú, 1905, cj 54 Jardim Paulista, São Paulo Brasil Cep. 01420-007 Phone +55 11 3083 38 89 info-southamerica@proceq.com

#### **Proceq China**

Unit B, 19th Floor Five Continent International Mansion, No. 807 Zhao Jia Bang Road Shanghai 200032 Phone +86 21-63177479 Fax +86 21 63175015 info-china@proceq.com

Subject to change. Copyright  $\circledcirc$  2014 by Proceq SA, Schwerzenbach. All rights reserved. 820 327 06E ver 09 2014



© 2014 Proceq SA