



# Navigator

Rechargeable Battery  
Instruction Manual



## INTRODUCTION

The rechargeable battery option is for use with the Ohaus Navigator Balances only. This accessory has been tested and complies with the approvals listed in the Navigator Instruction Manual.

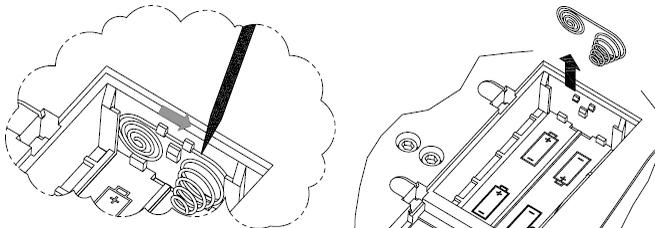
## PACKAGE CONTENTS

Lead-Acid Battery  
Recharge Circuit Board  
Warning Label

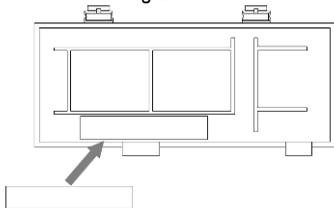
Note: Balances with a factory installed Rechargeable Battery will include a Battery Connector that will be used if the balance is converted to use with dry cell batteries.

## INSTALLATION

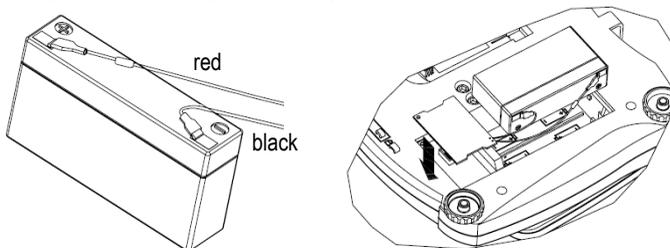
1. Disconnect the existing Power Adapter.
2. Remove the Battery Cover and any existing dry cell batteries.
3. Remove the Battery Connector as shown below.



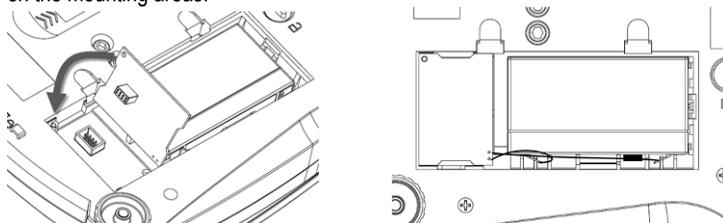
4. Install the Warning Label to inside of the Battery Cover as shown in the picture below.



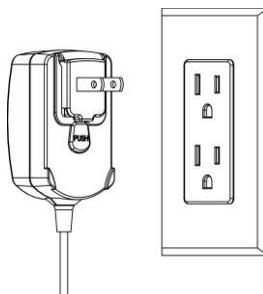
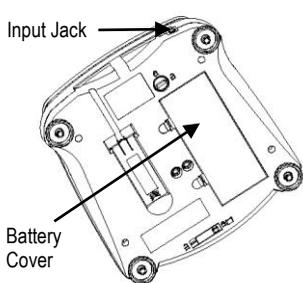
5. Connect the red wire to the + terminal on the battery and the black wire to the - terminal on the battery. Place the battery in the battery compartment.



6. Install the Recharge Circuit Board.
  - Align the 8-pin connector and the PCB edges as shown in the picture.
  - Press the circuit board down until the pins are fully engaged and the circuit board is sitting on the mounting areas.



7. Position the battery and route the wires as shown in the picture above.
8. Re-install the battery compartment cover.
9. Connect the adapter to the Input Jack and to the proper AC supply.



Connect the AC Adapter plug to the input jack.

Connect AC Adapter to the proper AC supply.

### OPERATION

The balance can be used on AC power immediately after the battery is installed. Allow the battery to charge for 12 hours before using the balance on battery power.

While under rechargeable battery operation the Battery Icon will be lit. When the AC Adapter is charging the battery icons will blink. Once the battery icon stops blinking the battery is fully charged.

When there is approximately 30 minutes of power remaining the battery icon will blink on/off every 0.5s. When the shutoff voltage is reached the display will alternately flash **bat** and **Low** for 15 seconds then the balance will shut down. The balance will not power up if the shutdown level voltage is detected.

Whenever possible use AC power as this will increase the life of the battery. Battery life is directly related to the number of discharge cycles it experiences.

The number of hours that the balance can run on the battery depends on many factors. Backlight, IR Sensors and Interface Options will reduce the hours before a recharge is needed. For optimum battery life turn these features off. Under average conditions the battery should last around 100 hours before needing a charge.

## REMOVING THE RECHARGEABLE BATTERY OPTION

To convert the balance to operate on dry cell batteries follow these steps.

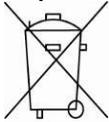
1. Disconnect the Power Adapter.
2. Disconnect and remove the battery.
3. Remove the Recharge Circuit board.
4. Install the Battery Connector. Refer to step 3 above where it was removed.
5. Install 4 C cell batteries or connect the Power Adapter.

## SPECIFICATIONS

Battery: Maintenance-free Sealed Lead-acid  
DJWS-1.2 or Ohaus approved equivalent, 6 volt 1.2AH

## COMPLIANCE

### Disposal



In conformance with the European Directive 2002/96 EC on Waste Electrical and Electronic Equipment (WEEE) this device may not be disposed of in domestic waste. This also applies to countries outside the EU, per their specific requirements.

The Batteries Directive 2006/66/EC introduces new requirements from September 2008 on removability of batteries from waste equipment in EU Member States. To comply with this Directive, this device has been designed for safe removal of the batteries at end-of-life by a waste treatment facility.

Please dispose of this product in accordance with local regulations at the collecting point specified for electrical and electronic equipment. If you have any questions, please contact the responsible authority or the distributor from which you purchased this device.

Should this device be passed on to other parties (for private or professional use), the content of this regulation must also be related.

For disposal instructions in Europe, refer to [www.ohaus.com/weee](http://www.ohaus.com/weee).

Thank you for your contribution to environmental protection.



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Printed in China / Impreso en la China / Imprimé en Chine / Gedruckt in China / Stampato in Cina / Отпечатано в Китае