Jaz Battery Pack (JAZ-EXT-BP) Instructions

Description

The Jaz Battery pack (JAZ-EXT-BP) is an accessory 5V power supply for Jaz, a community of stackable optical sensing instruments. This battery pack is a multi-purpose, rechargeable Lithium-ion external battery that connects to the JAZ-DPU module and prolongs uptime by almost 3X.

The battery pack is rated at 38 Watt-Hours while the JAZ-B battery module is rated at 14.8 Watt-Hours. External LED indicators indicate the battery pack's charge state.

Package Contents

The Jaz Battery Pack includes the following accessories:

- One universal cable with a micro USB connector on one end and a regular USB connector on the other for charging the battery with your computer.

- One universal cable with a USB connector on one end and a 3.5mm jack on the other that connects to the Jaz

- Cable adapters

Set-up and Operation

Charging the Battery

Charge the battery pack using the cable with the USB connector on one end (to plug into your computer) and the micro USB connector on the other.

► *Procedure*

1. Plug the micro USB connector into the DC IN 5V plug on the front of the battery.

2. Plug the other end of the USB cable into your computer.

3. Press the function button next to the LEDs on the top of the battery to start charging.

   The five LEDs on the top of the battery indicate the progress. **Always follow the manufacturer's recommended instructions for charging the external battery pack.**

Connecting the Battery Pack to Jaz

► *Procedure*

1. Connect the USB end of the cable into one of the connectors on the rear of the battery pack.

2. Connect the output of the DC jack adapter to the 5V input connector on the JAZ-DPU module.

3. Now that the battery pack is connected to Jaz, you can monitor the charge state of the battery pack using the power Test button on the top of the battery pack as follows:

5 LEDs = 80 – 100% charged

4 LEDs = 80 – 60% charged

3 LEDS = 60 – 40% charged

2 LEDS = 40 – 20% charged

1 LED = < 20% charged

Charge time is typically 8 hours (from fully discharged).

Specifications

Specification	Value
Battery Type	Rechargable Lithium-Ion
Battery Gauge	5-stage LED charge level indicator
Charge Time	8 hours (from fully discharged)
Input Voltage/Current	DC 5V / 2 A max.
Output	5V 38 Wh
Jaz Interface	Connects directly to DC jack on JAZ-DPU module via universal cable (with 3.5mm jack)
Size	93 x 71 x 29 mm
Weight	<246 g