

# Jaz Battery Pack (JAZ-EXT-BP-50WH) Instructions

## Description

The Jaz Battery pack (JAZ-EXT-BP-50WH) 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 3X.

The battery pack is rated at 50 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:

- AC wall charger
- Car charger
- Holster and belt clip
- One universal cable with a 5.5mm jack for connecting to the 12V power supply



## Jaz Battery Pack Instructions

- One universal cable with 3.5mm jack that connects to the 3V/8.4V power supply (always use this cable when interfacing with Jaz)
- Cable adapters

# Set-up and Operation

## Charging the Battery

Charge the battery pack using either the included AC adapter or the included car adapter. **Always follow the manufacturer's recommended instructions for charging the external battery pack.**

## Connecting the Battery Pack to Jaz

### ► Procedure

1. Make sure that the selector switch on the back of the battery pack is set to 5V.



**Ensure that the switch is set all the way to the right for 5V operation as indicated on label**

2. Insert the cable mating plug into the DC jack adapter with the 3.5mm output as shown below:



3. Connect the end of the cable with the right-angle plug to the 3.5mm socket on the side of the battery pack.



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



5. 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:



4 LEDs = 75 – 100% charged

3 LEDs = 50 – 75% charged

2 LEDs = 25 – 50% charged

1 LED = < 25% charged

Charge time is typically 3 hours (from fully discharged).

## Specifications

Specification	Value
Battery Type	Rechargeable Lithium-Ion
Included Chargers	Quick AC charger; car kit charger
Battery Gauge	4-stage LED charge level indicator
Charge Time	3 hours (from fully discharged)
Charge Current	2000 mA
Jaz Interface	Connects directly to DC jack on JAZ-DPU module via universal cable (with 3.5mm jack)
Size	58.5 x 41 x 82 mm
Weight	300g