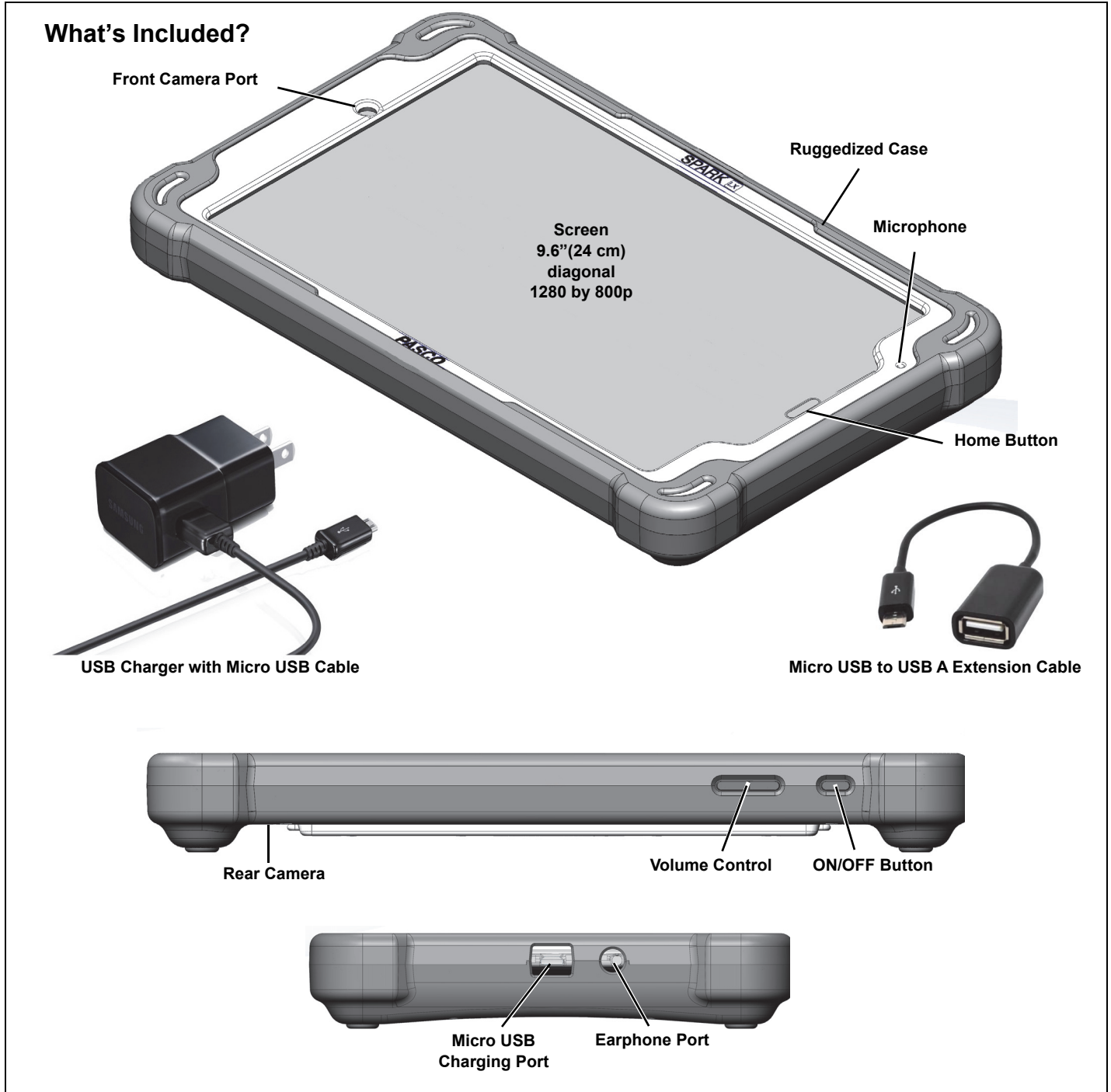


## SPARK LX Datalogger

PS-3601









### Included Items and Software

SPARK LX Datalogger (PS-3601)

USB Charger with Micro USB Cable

Micro USB to USB A Extension Cable

SPARK LX Data Collection Software			PASCO Lab Manager Software		PASCO App Store
					
SPARKvue	Spectrometry	MatchGraph!	Lab Manager - Student	Lab Manager - Teacher	PASCO App Store

**Recommended Items**

• Any PASCO Wireless Sensor	• PASCO Spectrometer (PS-2600)
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Software updates are available from the **PASCO App Store**.

**SPARK LX Datalogger**

The SPARK LX is a datalogging device with a ruggedized cover. It blends PASCO wireless probeware with the PASCO data collection and analysis software programs SPARKvue, Spectrometry, and MatchGraph! plus PASCO’s classroom management solution: Lab Manager. It also supports connections to several PASCO Wireless Sensors.

See [www.pasco.com/SPARKLX](http://www.pasco.com/SPARKLX) for more information.

**Charging and Power Requirements:**

The SPARK LX Datalogger is powered by a rechargeable lithium-ion battery.

- **Charging:** To charge the SPARK LX Datalogger, connect the USB charger to the Micro USB charging port on the left end of the datalogger using the Micro USB cable. Initial charging time may be three hours or longer depending on the power source and the condition of the battery.
- **Power and Status:** To turn the datalogger on, press and hold the ON/OFF button until graphics appear on the screen. After a few moments you will see the PASCO SPARK LX “Home Screen”. To turn the datalogger off, press and hold the ON/OFF button until the “**Power Off**” and “**Restart**” buttons appear and then select the desired option. Battery status for the datalogger is available in the notification area at the top of the screen, or from **Settings->Device Management->Battery**.

**Setting Up the SPARK LX**

Press the Help icon on the Home Screen and refer to the Onboard help system for help with the following topics:



• Configuring the Desktop	• Datalogger’s Design and Default Settings
• Lab Manager Teacher	• Lab Manager Student
• PASCO Applications	• SPARK LXi Interface

# PASCO SPARK LX | LXi

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## SPARK Datalogger Guidance

Some quick links to help make using the datalogger as smooth as possible, when surrounded by teenagers. If the links don't relate to your query, peruse the table of the contents on the right (press the menu icon), or enter keywords to search by.

<a href="#">Configuring the Desktop</a>	<a href="#">Datalogger's Design and Default Settings</a>
<a href="#">Lab Manager Teacher</a>	<a href="#">Lab Manager Student</a>
<input type="checkbox"/> <a href="#">PASCO Applications</a>	<a href="#">SPARK LXi interface</a>

For more miscellaneous musings, check out the [FAQ](#).

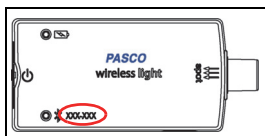
If there are still unanswered questions or concerns, don't hesitate and call for help! PASCO's [Technical and Teacher Support](#) is available 7am-4:30pm Monday - Thursday, and 7:00am-2:00pm Friday (PST).

## Setting Up WiFi for Use with PASCO Lab Manager



- All devices must be connected to the same wi-fi network.
- "Broadcast packets" must be enabled on the wi-fi network. This setting may need to be enabled by your network administrator. Refer to the Onboard help for network tuning.

## Connecting Wireless Sensors to the Datalogger



Wireless Sensors connect to the datalogger through the PASCO Data Collection Software.

For example, if SPARKvue is the software being used, press the SPARKvue icon on the Home Screen to start the program.

- Select the Bluetooth icon to see the Wireless Devices list. In the Wireless Devices list, the sensors are ordered by proximity to the datalogger.
- Select the correct address that matches the XXX-XXX number found on the sensor.
- Select **Done**. A list of measurements appears under the sensor in the Home Screen.

### Collect Data

- In the SPARKvue Home Screen, select a measurement from the list under the sensor's name. A graph of the measurement versus time opens.
- In SPARKvue, select the **Start** button to begin collecting data.

## Technical Support

For assistance with any PASCO product, contact PASCO at:

Address:	PASCO scientific 10101 Foothills Blvd. Roseville, CA 95747-7100	Web:	www.pasco.com
Phone:	+1 916 462 8384 (worldwide) 800-772-8700 (U.S.)	Email:	support@pasco.com

The Quick Start Guide may be updated periodically. For the latest revision of this Quick Start Guide, visit the PASCO Web site at

[www.pasco.com/manuals](http://www.pasco.com/manuals)

and enter the product number, PS-3601, in the text window.

### Limited Warranty

For a description of the product warranty, see the PASCO catalog. For more information visit [www.pasco.com/legal](http://www.pasco.com/legal).

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### FCC Statement

This Class A digital 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 that may cause undesired operation.

### CE Statement

This device has been tested and found to comply with the essential requirements and other relevant provisions of the applicable EU Directives.

### Product End of Life Disposal Instructions:

This electronic product is subject to disposal and recycling regulations that vary by country and region. It is your responsibility to recycle your electronic equipment per your local environmental laws and regulations to ensure that it will be recycled in a manner that protects human health and the environment. To find out where you can drop off your waste equipment for recycling, please contact your local waste recycle/disposal service, or the place where you purchased the product.

The European Union WEEE (Waste Electronic and Electrical Equipment) symbol (to the right) and on the product or its packaging indicates that this product **must not** be disposed of in a standard waste container.



### Battery Disposal Instructions:

Batteries contain chemicals that, if released, may affect the environment and human health. Batteries should be collected separately for recycling, and recycled at a local hazardous material disposal location adhering to your country and local government regulations. To find out where you can drop off your waste battery for recycling, please contact your local waste disposal service, or the product representative. The Lithium Polymer (Li-Poly) rechargeable battery used in this product is marked with the International symbols to indicate the need for the separate collection and recycling of batteries.

