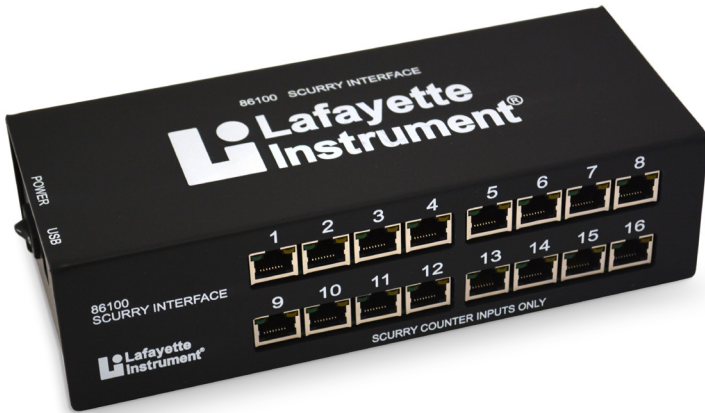


Models 86100, 86110,  
86115, and 86118

# Scurry Activity System Quick Start Guide



3700 Sagamore Parkway North  
Lafayette, IN 47904 USA  
Tel: (765) 423-1505

[info@lafayetteinstrument.com](mailto:info@lafayetteinstrument.com)  
[www.lafayetteinstrument.com](http://www.lafayetteinstrument.com)

# Scurry Activity System

## Download Full User Manual

It is important that all users review the full manual available via our website. The manual search and download area on our website can be reached by QR code or this link:  
<https://www.lafayetteinstrument.com/manuals>



Enter model number **86100, 86110, 86115, or 86118** in the provided manual field on search page.

## Parts Included

- Power Supply
- USB Type-B connection cable

## 86100 Interface Panels



Rear Panel

### Rear Panel - Indicators

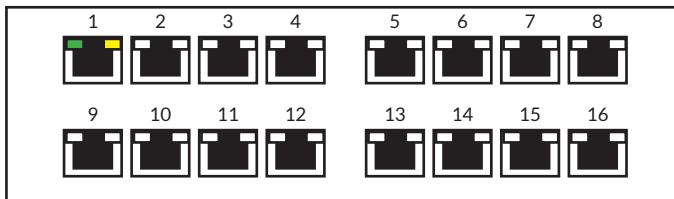
**PHOTO:** Photo sensor for the automatic monitoring of light/dark cycles in the lab. This does not time the light dark cycle but logs the times a change occurs and provides a graphic on all charts. The Scurry Software Icons representing the Light and Dark conditions in the lab may be found on the hardware tab and during the running of an experiment.

**ADJ:** Sensitivity adjustment for the automatic monitoring of light/dark cycles in the lab. Once the interface has been placed in the position it will be used during an experiment verify the sensitivity of the photo sensor. The Scurry Software Icons representing the Light and Dark conditions in the lab may be found on the hardware tab. Verify the proper icons are represented for light and dark conditions. Use a small flat head screw driver to adjust the sensitivity as needed.

**STATUS:** Green indicates experiment session running. Red indicates data being stored into backup memory because of PC failure or loss of communication.

**USB:** Green indicates communication from PC to Interface while Red indicates communication from Interface to PC.

**POWER:** A green LED to indicate when power is ON. It is recommended that this unit be connected to a UPS Supply for long term studies to prevent data loss due to power outage.



Front Panel

### Front Panel - Inputs

**Green:** Turns ON with connection to any sensor connection. Pulses when communication is active.

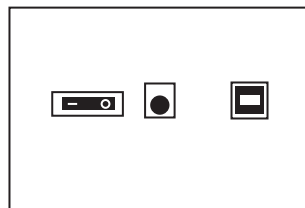
**Yellow:** Turns ON with each rung or flag detected by the activity sensor. It pulses with a moving wheel and may be ON or OFF while a wheel is not moving.

# Scurry Quick Start Guide

## Side Panel - Power and Connection

**POWER:** A power switch and jack may be found on the 86100 Interface. Power is provided from a Switching AC Adaptor with output rating of 15V DC, 4.6A.

**USB:** Connection is made between the 86100 Interface and the PC. A standard six foot A Male to B Male cable is provided.



Side Panel

## Interface (Model 86100) Setup and Operating Instructions

**NOTE:** Refer to the Scurry Software manual for creating scheduled events.

1. Connect at least one device (sensor, counter, brake, or lickometer) to any of inputs 1-16.
2. Connect the interface to a suitable PC using the USB cable provided.
3. Connect the supplied power supply to the jack provided.
4. Turn the interface power ON before opening the Scurry Software Application.
5. Refer to the Scurry Software manual for configuring and testing the device.
6. Verify Sensor function at the wheel or sip tube and at the interface, if needed, to test for function and cable integrity. The yellow LED will flash when the wheel is turned or when contact is made between the grounded floor and sipper tube. The green LED indicates a connection and will blink with communication.

## Precautions

- Only connect authorized Lafayette Instrument sensors and modules into the Interface inputs
- Do not connect to any other RJ-45 based equipment
- Use appropriately rated Power Supply, supplied by Lafayette Instrument Company
- Always remove Scurry sensors and modules before washing or cleaning chambers
- Do not disconnect and reconnect RJ-45 cables to the interface or counters while the interface is powered On

# Terms and Conditions

## Worldwide Headquarters

Lafayette Instrument Company  
3700 Sagamore Parkway North  
Lafayette, IN 47904, USA

Tel: (765) 423-1505  
Fax: (765) 423-4111  
[sales@lafayetteinstrument.com](mailto:sales@lafayetteinstrument.com)

## European Office

Tel: +44 1509 817700  
Fax: +44 1509 817701  
[eusales@lafayetteinstrument.com](mailto:eusales@lafayetteinstrument.com)

## Placing an Order

All orders need to be accompanied by a copy of your purchase order. All orders must include the following information:

- Quantity
- Part Number
- Description
- Purchase order number or method of pre-payment
- Tax status (include tax-exempt numbers)
- Shipping address for this order
- Billing address for the invoice we'll mail when this order is shipped
- Telephone number
- Email address
- Signature and typed name of person authorized to order these products

## Exchanges and Refunds

No item may be returned without prior authorization from Lafayette Instrument Company and a Return Materials Authorization (RMA#) number which must be affixed to the shipping label of the returned goods. The merchandise should be packed well and insured for the full value. Unopened merchandise may be returned prepaid within thirty (30) days after receipt of the item and in the original shipping carton. Collect shipments will not be accepted. Product must be returned in saleable condition, and credit is subject to inspection of the merchandise.

## Repairs

Instrumentation may not be returned without first receiving a Return Materials Authorization Number (RMA). When returning instrumentation for service, please contact Lafayette Instrument to receive an RMA number. Your RMA number will be good for 30 days. Address the shipment to:

Lafayette Instrument Company  
RMA# XXXX  
3700 Sagamore Parkway North  
Lafayette, IN 47904, USA.

Shipments cannot be received at the PO Box. All items should be packed well and insured for full value. An estimate of repair will be given prior to completion. We must receive a copy of your purchase order via email before non-warranty repair work can commence.

## Damaged Goods

Damaged instrumentation should not be returned to Lafayette Instrument prior to a thorough inspection. If a shipment arrives damaged, note damage on delivery bill and have the driver sign it to acknowledge the damage. Contact the delivery service, and they will file an insurance claim. If damage is not detected at

the time of delivery, contact the carrier/shipper and request an inspection within 10 days of the original delivery. Please contact the Lafayette Instrument Customer Service Department for repair or replacement of the damaged merchandise.

## Limited Warranty

Lafayette Instrument Company warrants equipment to be free of defects in material and workmanship for a period of one year from the date of shipment, except as provided hereinafter. This assumes normal usage under commonly accepted operating parameters and excludes consumable products.

Warranty period for repairs or used instrumentation purchased from Lafayette Instrument is 90 days. Lafayette Instrument Company agrees either to repair or replace, at its sole option and free of part charges to the customer, instrumentation which, under proper and normal conditions of use, proves to be defective within the warranty period. Warranty for any parts of such repaired or replaced instrumentation shall be covered under the same limited warranty and shall have a warranty period of 90 days from the date of shipment or the remainder of the original warranty period whichever is greater. This warranty and remedy are given expressly and in lieu of all other warranties, expressed or implied, of merchantability or fitness for a particular purpose and constitutes the only warranty made by Lafayette Instrument Company.

Lafayette Instrument Company neither assumes nor authorizes any person to assume for it any other liability in connection with the sale, installation, service or use of its instrumentation. Lafayette Instrument Company shall have no liability whatsoever for special, consequential, or punitive damages of any kind from any cause arising out of the sale, installation, service or use of its instrumentation.

All products manufactured by Lafayette Instrument Company are tested and inspected prior to shipment. Upon prompt notification by the Customer, Lafayette Instrument Company will correct any defect in warranted equipment of its manufacture either, at its option, by return of the item to the factory, or shipment of a repaired or replacement part. Lafayette Instrument Company will not be obliged, however, to replace or repair any piece of equipment, which has been abused, improperly installed, altered, damaged, or repaired by others. Defects in equipment do not include decomposition, wear, or damage by chemical action or corrosion, or damage incurred during shipment.

## Limited Obligations Covered by this Warranty

1. Shipping charges under warranty are covered only in one direction. The customer is responsible for shipping charges to the factory if return of the part is required.
2. This warranty does not cover damage to components due to improper installation by the customer.
3. Consumable and/or expendable items, including but not limited to electrodes, lights, batteries, fuses, O-rings, gaskets, and tubing, are excluded from warranty.
4. Failure by the customer to perform normal and reasonable maintenance on instruments will void warranty claims.
5. If the original invoice for the instrument is issued to a company that is not the company of the end user, and not an authorized Lafayette Instrument Company distributor, then all requests for warranty must be processed through the company that sold the product to the end user, and not directly to Lafayette Instrument Company.



MAN8611xQS - rev 0 - 6.2.25

Copyright © 2025. Lafayette Instrument Company, Inc. All Rights Reserved.