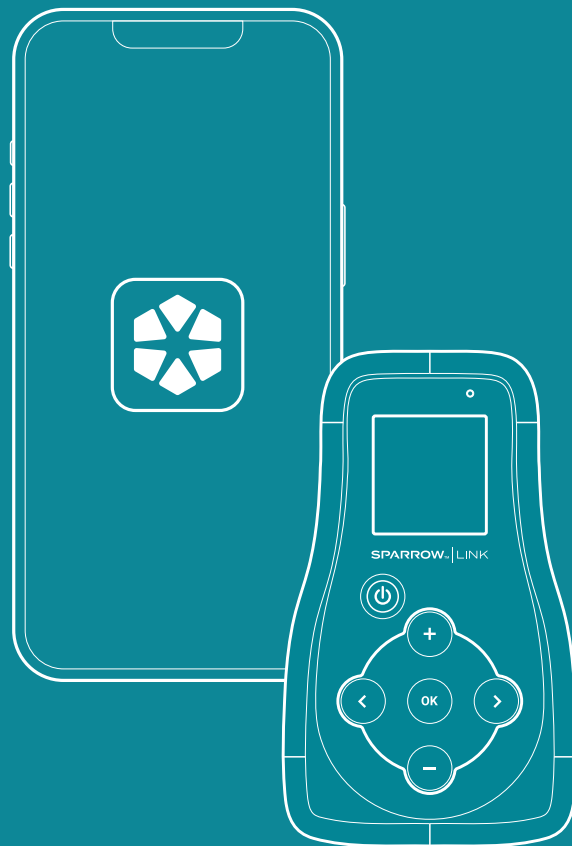


# Sparrow® Link Dashboard Instructions for Use



# Sparrow Link Dashboard (Model 941-S) Instructions for Use

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**CAUTION – Investigational device. Limited by Federal (or United States) law to investigational use.**

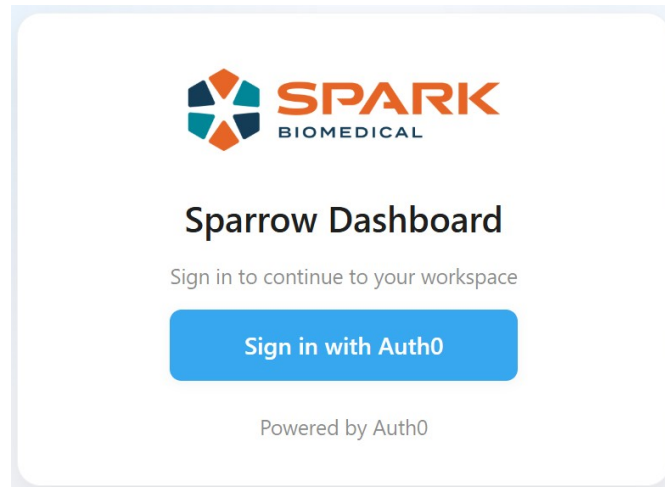


If you have any other questions or concerns, please contact Spark Biomedical, Inc at (844) 654-SPRK (7775).

# Getting Started with the Sparrow Link Dashboard

## 1. Navigate to Dashboard

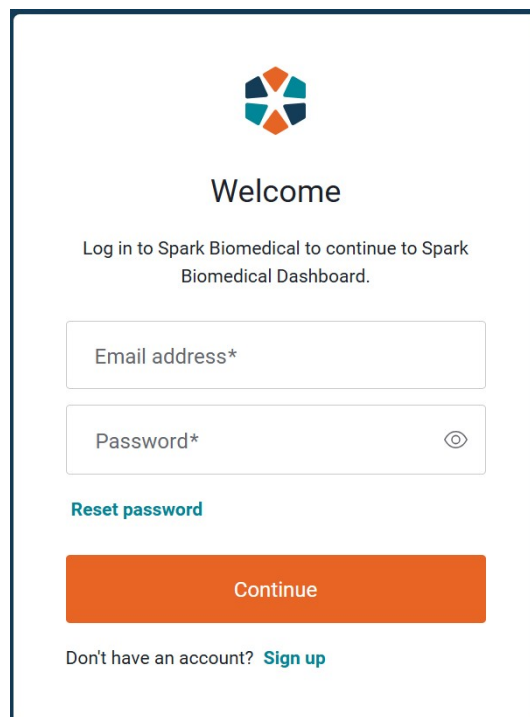
Access the Sparrow Link Dashboard from <https://sparrow-dashboard.sparkbiomedical.com>



## 2. Sign Up or Log In

Select **Sign In with Auth0** to be redirected to a secure Auth0 portal.

1. Sign up for the first time or log in with your existing credentials.
2. Forgot your password? Tap **Reset Password**.

A screenshot of the Auth0 login page. At the top center is the SPARK BIOMEDICAL logo. Below it, the text "Welcome" is displayed in a bold, black font. Underneath that, a smaller line of text reads "Log in to Spark Biomedical to continue to Spark Biomedical Dashboard." There are two input fields: "Email address\*" and "Password\*", both with asterisks indicating they are required. The password field has an eye icon to its right. Below the password field is a link that says "Reset password" in teal. At the bottom of the form is a large orange button with white text that says "Continue". Below the button, there is a link that says "Don't have an account? Sign up" in teal.

### 3. User Permissions

After initial account creation, reach out to your Spark Representative to notify them of your account creation and determine the right permissions for your account. The Spark Representative will authorize your access and designate you as a Manager or Staff.

Manager Permissions:	Staff Permissions:
<ul style="list-style-type: none"><li>• Access the trial(s) to which the user has been assigned</li><li>• View unblinded usage data including actual stimulation, attempted stimulation, and intensity</li><li>• Export stimulation summary under Trial Info on the home page</li><li>• Access the Manage Participants tab to Add Serial Number / Participant ID and download usage logs</li></ul>	<ul style="list-style-type: none"><li>• Access the trial(s) to which the user has been assigned</li><li>• View blinded usage data including attempted stimulation</li><li>• Access the Manage Participants tab to Add Serial Number / Participant ID</li></ul>

### 4. Participant Management

#### Manage Participants Overview

- Navigate to the Manage Participants tab
- The trial associated with your user account will appear under Trial Selection. If you are assigned to more than one trial, you can use the drop-down menu to toggle between trials.

*Note: Please confirm the selected trial before adding a participant*

- Select Add serial number to input the last six digits of a device serial number and the associated participant ID.
- The device serial number and participant ID should be added to the trial in the dashboard prior to the participant's first use of the device with the Sparrow Link Participant App.

*Note: If a participant begins uploading data before their serial number and participant ID have been assigned, the dashboard will still store their usage data. This data will automatically link to the participant's record once their serial number and participant ID have been assigned to the trial.*

### **Trial Serial Numbers Table**

- This table lists the participant ID, serial number, creation date/time, and actions for previously created participants.
- Contact a Spark Representative to modify an existing participant.

### **Trial Participants Table**

- This table lists the participants from the trial serial numbers table that have uploaded a log to the dashboard via the Sparrow Link Participant Application.
- The First Upload column contains the date/time of the first successful upload with this device.
- The Last Upload column contains the date/time of the most recent upload with this device.
- The Tracked column is a tool for assessing participant compliance. If tracked, the participant is expected to be using the device at this time. Tracked participants will appear in one of two lists on the home page: Inactive Tracked Participants and Active Tracked Participants.
- The Actions column contains a button to Download Logs. Selecting this button will generate a .csv of the participant's device log. (Managers only)

## **5. Data Filtering and Viewing**

### **Home Page Overview**

- Participant device usage and compliance data are shown on the Sparrow Link Dashboard home page. Here, a live feed of incoming data from tracked participants selected for monitoring is displayed.

### **Trial Selection**

- The trial associated with your user account is shown here. If you are assigned to more than one trial, you can use the drop-down menu to toggle between trials.

### **Inactive Tracked Participants**

- These participants have been selected to track but have not shown any device or app activity in the last 24 hours or more. If you believe this is an error, reach out to the participant and ask them to reconnect their Controller to the app, ensuring the app remains open for at least 3 minutes to allow the full transfer of usage history.
- The Actions column contains two buttons: Calendar and Untrack.
  - Select Calendar to view the Compliance Calendar for a visual overview of device usage by participant. The compliance target can be established or modified by a Spark Representative as needed.
  - Select “Untrack” if the participant is not expected to be using the device currently and does not need to be monitored. This action will remove the participant from this list and can be reversed by navigating to Manage Participants ► Trial Participants ► Check “Tracked” item.

### Active Tracked Participants

- These participants have been selected for tracking, and their usage history has been recorded within the last 24 hours.
- See the section above for an explanation of the Actions.

### Trial Info

- This is the overview of the selected trial. Information includes the trial name, compliance target (if applicable, otherwise, 'Not set'), trial creation date and time, total participant count, and total tracked participant count.
- The Export Stimulation Summary button generates a .csv file containing stimulation usage by channel, both attempted and actual delivery. (Managers only)

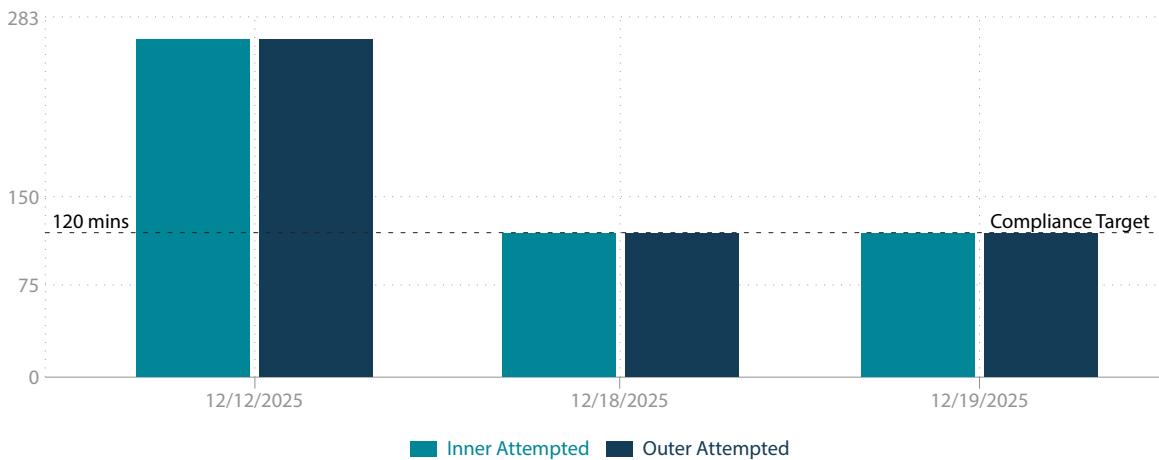
### Chart Filters

- Select a participant ID and apply a date range to begin reviewing the usage history. Adjust the date range as needed to modify the dates shown in the charts. Note, timestamps are recorded in UTC, meaning differences in time zones can affect the usage dates. I.E., 10 pm PST, will log as 4 am UTC for the following day.

### Daily Attempted Minutes

- This chart provides a blinded method for reviewing participant compliance. While the date range in the filter may be broader, only dates within the range will have data points listed.
- The attempted minutes for active stimulation include usage time during which the participant may have experienced connection issues, resulting in a loss of stimulation.
- Therapy compliance for participants receiving sham stimulation should be monitored in this chart, as the Daily Device Usage chart only captures delivered, active stimulation.

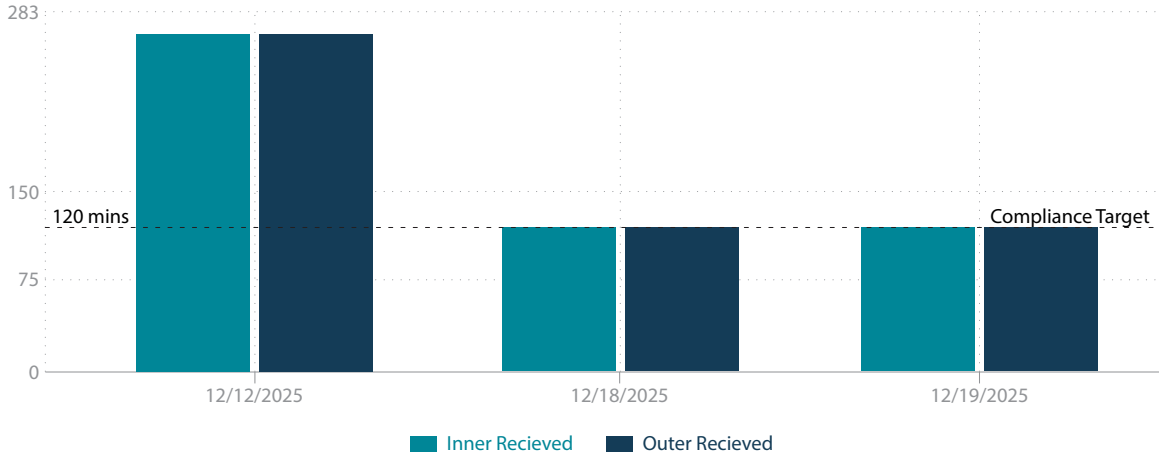
Daily Attempted Minutes



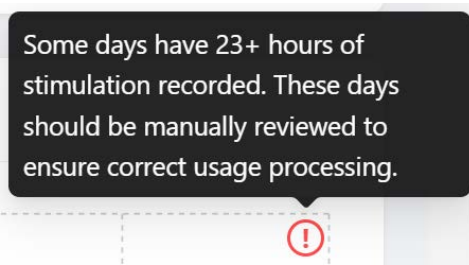
### Daily Device Usage (Managers only)

- This chart provides actual stimulation received during the attempted usage. Sham stimulation or stimulation not delivered due to impedance errors is not included in this usage.

Daily Device Usage



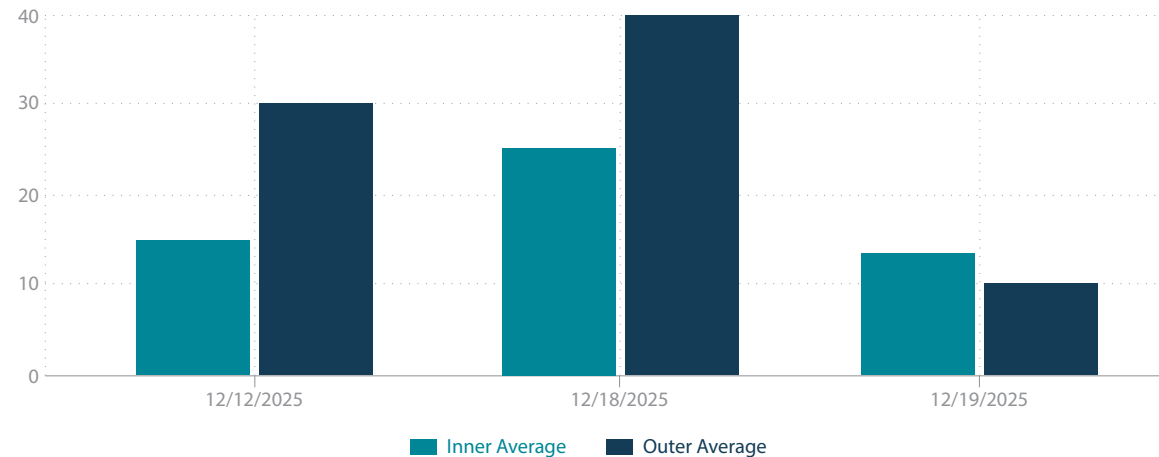
### Exclamation Icon



### Daily Average Stimulus Intensity (Managers only)

- This chart provides the average stimulation that is set during the attempted usage for both active and sham participants.

Daily Average Stimulus Intensity





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