Scorekeeper Quick Start Guide

FIRST

FIRST LEGO LEAGUE JR.

FIRST LEGO LEAGUE

FIRST TECH CHALLENGE

FIRST ROBOTICS COMPETITION

Gracious Professionalism®

"A way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community"
- Woodie Flowers

Table of Contents

FIRST Tech Challenge LIVE software

Introduction

- Welcome to the *FIRST* Tech Challenge LIVE software for scorekeepers. This software is located in the [GitHub](#) repository, a site for working collaboratively on programs and sharing code.

- Important Note: Event setup MUST be done in FTC Scoring by a PDP/admin. There are three event setup options. This Quick Start covers key setup **ONLY**.

- The *FIRST* Tech Challenge LIVE software works with the cloud-based [FTC Scoring](#) system to score a selected event, add teams, generate users and provides methods for displaying the score. You can also add sponsors and logos, and a variety of other options.

- GitHub also has a section for reporting issues as they arise during the product development lifecycle to suggest updates to the software.

- Make sure to download the latest version of the FTC Live software before an event.
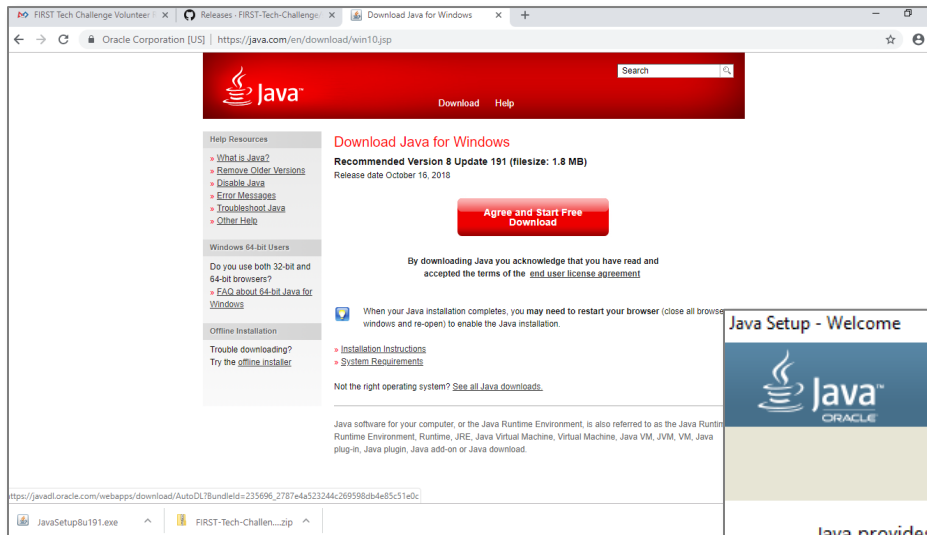
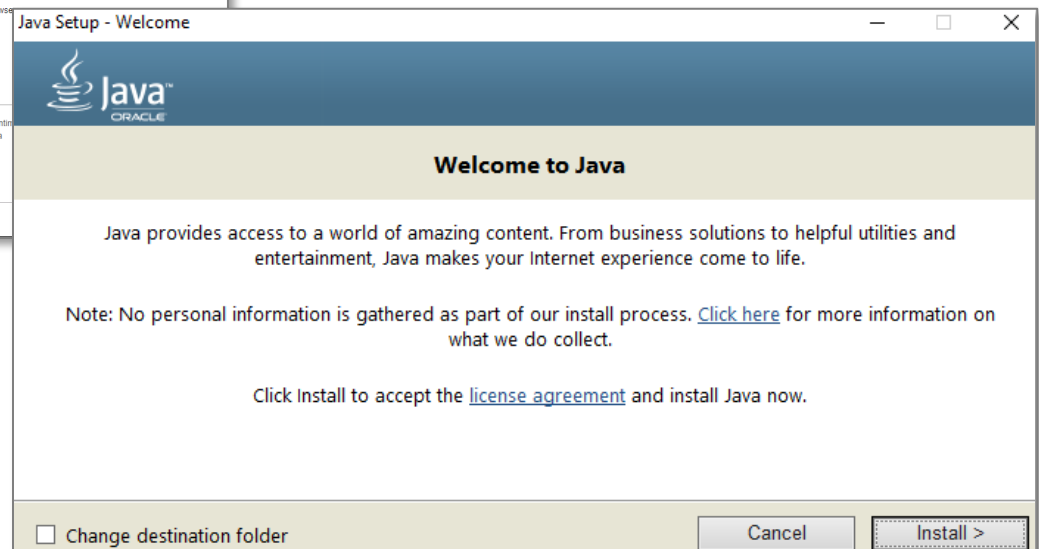# Download Java and the Software

Key Points:

- The project folder is a .zip file that is compressed. Download the folder.

- Extract the compressed files from the Downloads folder, then move to the desktop.

- Use the Chrome browser for best results.

- On a Mac, it may require your laptop password.

- Release versions are archived so documentation history and release notes are available.

- An Issues tab allows access to the troubleshooting forum.

1. Download Java

Go to java.com to download the latest version of Java before downloading the scorekeeper software.

Opens the Java Runtime Environment (JRE):

NOTE: Mac/Linux users will need to install the [Java Development Kit (JDK)](Java Development Kit)

2. Download the Software

Open the FTC Volunteer Resources>Scorekeeper>Scoring System:
https://www.firstinspires.org/resource-library/ftc/volunteer-resources
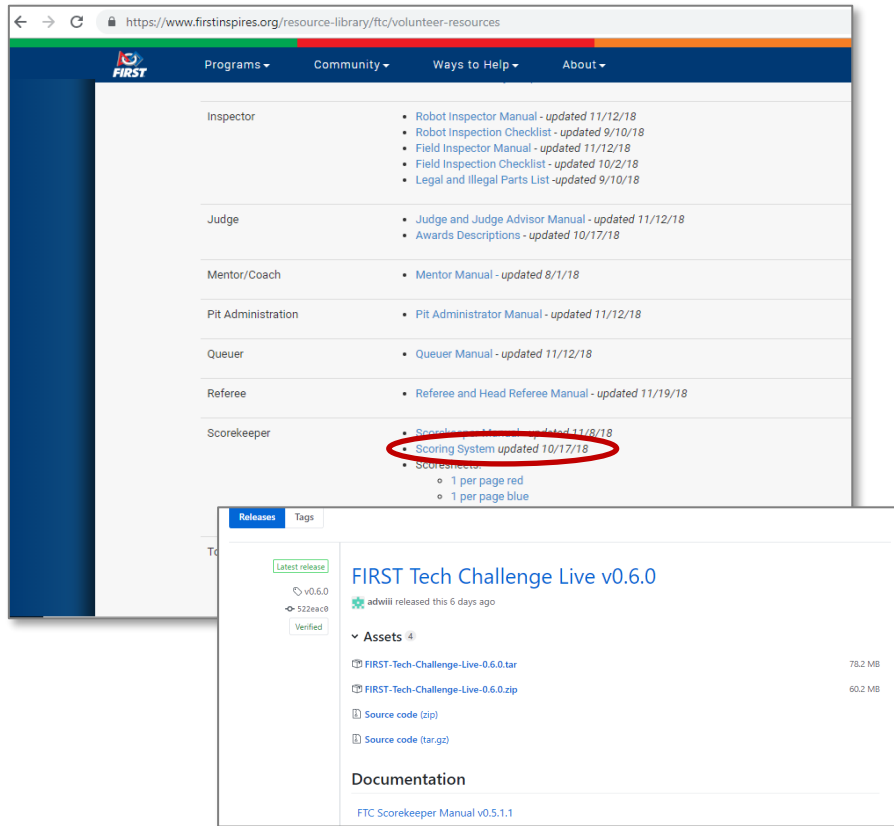
- Takes you to the GitHub page. You can also go directly to the FTC Live GitHub Page
- Select the "Releases page" link to open the latest version of the software FIRST-Tech-Challenge-Live-0.Version.0.zip
- Selecting the .zip folder will download the folder, which needs to be extracted.

2. Download the Software
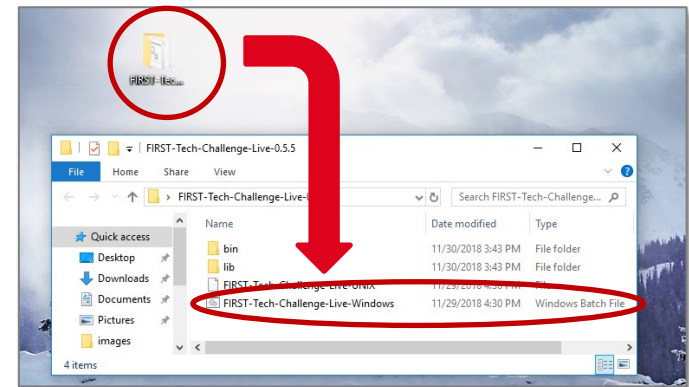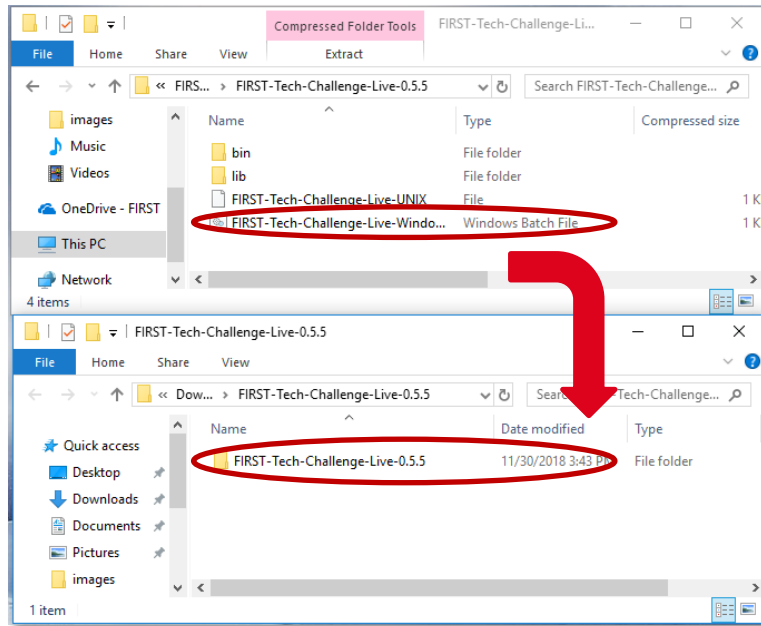
Go to Downloads to extract the compressed folder, then drag the extracted folder to the Desktop to Open.

NOTE: For Mac/Linux users select the FIRST-Tech-Challenge-Live-UNIX file instead.

2. Download the Software

Opens the FIRST Tech Challenge Live user interface:
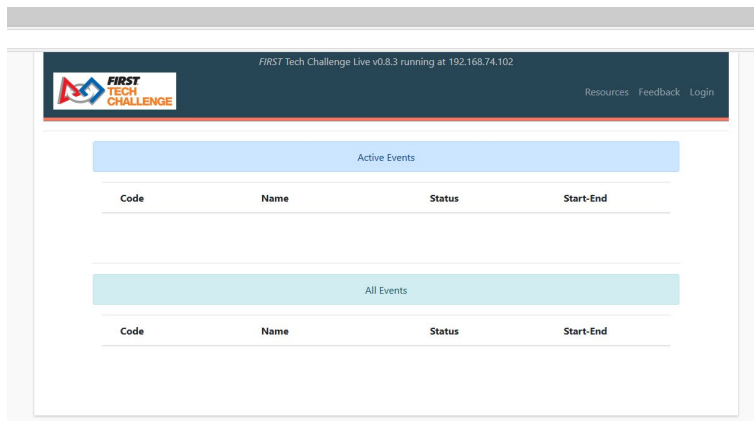
Select Login, then enter Username: local. Do not enter a password. Login.
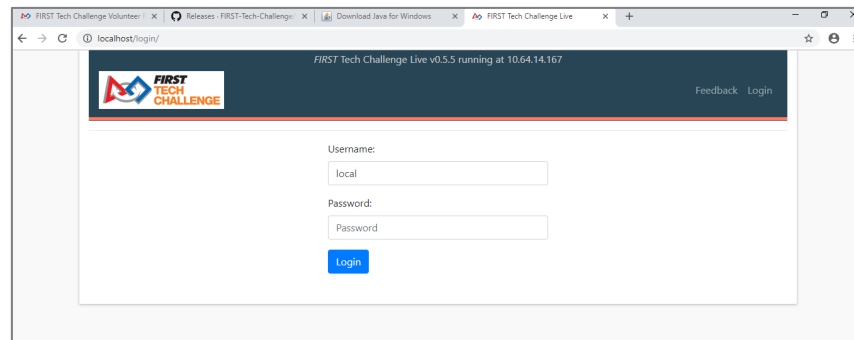
2. Download the Software

Open the Event Home:
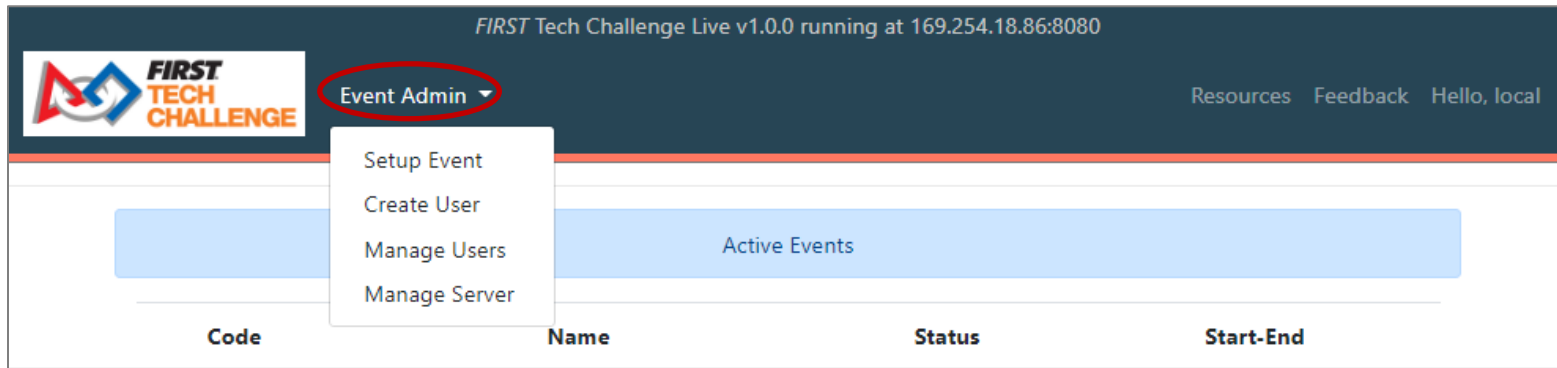
Event Admin opens a drop-down menu for different options.

Event Setup

Key Points:

- 2020-2021 Ultimate Goal presented by Qualcomm season requires event setup first in the FTC Scoring system by a PDP or event administrator.
- There are three options for the scorekeeper to access the event set up.
- Local login with unrestricted administrative access is only available on the Scorekeeper laptop.
- If necessary, can create accounts with restricted access using the Generate Random Accounts option.
  - Use yourleague_referee account for scoretracking.
  - Use yourleague_eventadmin for audience displays.
- The printer icon in the upper-left corner allows you to print a listing of accounts and passwords for distribution, as needed.

Event Setup

Key Points:

- For the 2020-2021 Ultimate Goal presented by Qualcomm season **ALL** events are synchronized within the cloud-based FTC Scoring system (ftc-scoring.firstinspires.org) automatically within a day of entry into *FIRST*'s event creation portal. All official events must be created this way. Official events are automatically imported into FTC Live from FTC Scoring system at the start of an event and are uploaded to it upon completion of the event.
- **Event Configuration:** Several parts of event setup MUST be done ahead of time in FTC Scoring system. The following slides show how to do this.

3. Set Up an Event Using Key-Based

Key-based setup requires [FTC Scoring](#) system event admin access to access the event key, then email to the scorekeeper. The scorekeeper inputs the key into FTC Live.
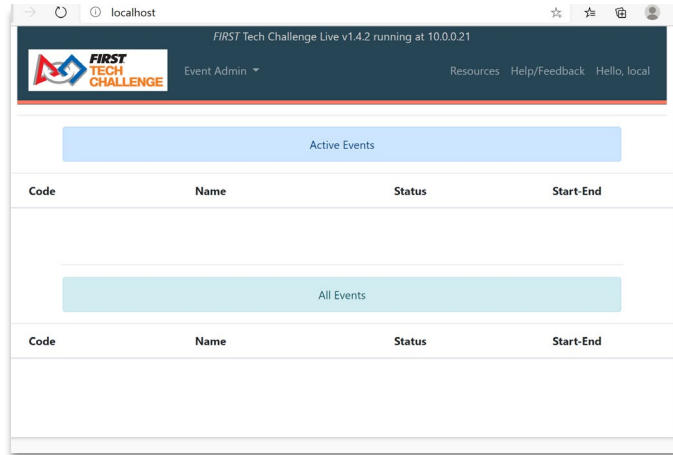
FTC Live (blue banner)

FTC Scoring (black banner)

3. Set Up an Event – Key-Based Set Up

In the FTC Scoring system, select "Manage Event":
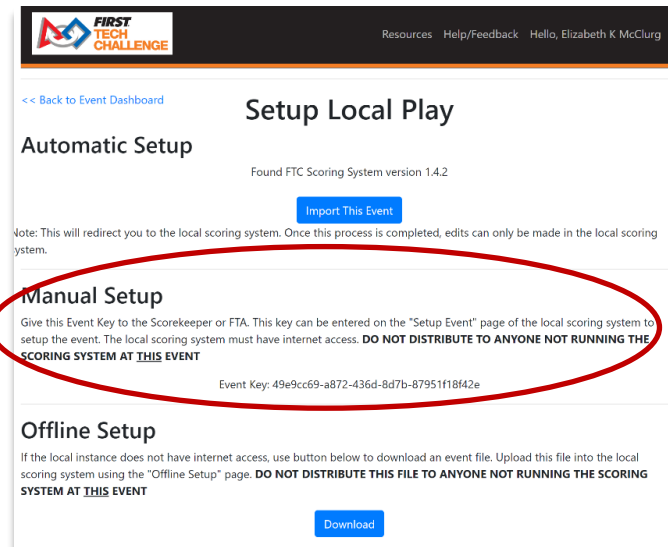
Select "Play Event Locally".
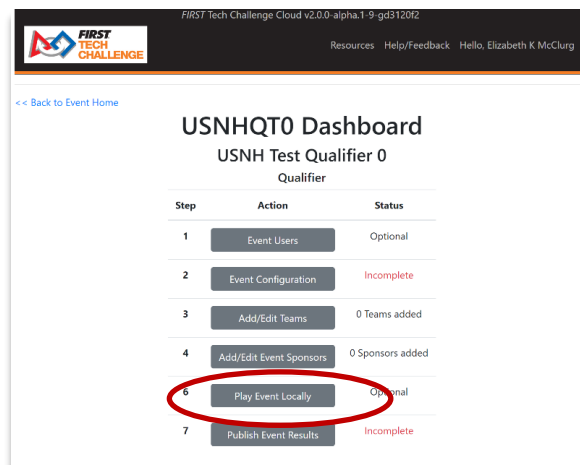
3. Set Up an Event – Key-Based Set Up

Select the Automatic Setup "Import This Event" button:

3. Set Up an Event – Key-Based Set Up

From the "Event Admin" dropdown menu at the top, select "Setup Event:

3. Set Up an Event – Key-Based Set Up

From the "Event Admin" dropdown menu at the top, select "Setup Event:

"Setup Event" opens, enter the event key:

3. Set Up an Event – Key-Based Set Up

The specific event dashboard will now open in FTC Live:

3. Dashboard Setup – Create Event

Select the Event Dashboard options for your event:

Step	Action	Status
	ushnqto Dashboard Qualifier	
1	Edit Event	Done
2	Create Default Accounts	Not Started
3	Add/Edit Teams	0 teams added
4	Add/Edit Sponsors	0 sponsors added
5	Configure Judging/Inspection Tracking (Optional)	(Optional)
6	Create Judging/Inspection Schedule (Optional)	Not Started
7	Create Match Schedule	Not Started
8	Manage Awards	
9	Advancement Report	
10	Send Results to *FIRST*	
11	Download Archive File	
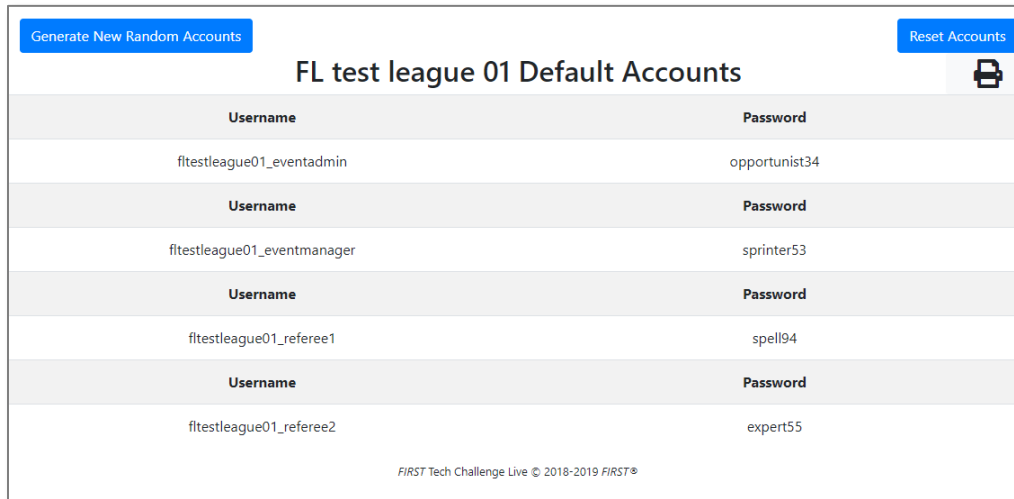
Event Dashboard allows for setup of:
- Teams
- Sponsor/logo
- Judging/Inspection Schedule
- Match Schedule
- Manage Awards
- Send Results to *FIRST*

Note: Event Dashboard displays actions (dark grey) that can be altered.

4. Dashboard Setup – Create Random Accounts

Select "Create Default Accounts" then button "Generate New Random Accounts" to create the default accounts.

Note: Use yourleague_eventadmin for audience displays, and yourleague_referee account for scoretracking.

For more information, refer to the Scorekeeper Manual.

Dashboard Set-up – Steps 5, 6, 7, 8

Key Points:

- Add/Edit Sponsor section allows you to import a logo that will show up on the Match Control Page.

- The program sponsors are pre-loaded logos within FTC Live and FTC Scoring system.

- If you have a list of at least four teams for your event, you can generate the match schedule.

- Remember to add the required breaks to the Match Schedule.

- The Match Schedule lives in the Event Home interface.

5. Dashboard Setup – Add/Edit Teams for an Event

Important Note: It is recommended that this step be completed in the cloud-based FTC Scoring system **NOT** FTC Live, though the process is almost the same. Also, adding teams for leagues must be done in FTC Scoring system when setting up a league.

- Go back to Event Dashboard, then select Add/Edit teams.
- Teams can be added by State, select them by Add Individually, or manually input a new team number.

6. Dashboard Setup – Add Sponsors

- Add/Edit Sponsors button will open to the Sponsors List.
- Select the Add button to enter sponsor information.
- Logo files can be uploaded with Choose File.
- NOTE: Sponsor List page also allows for editing and adding a logo any time.

7. Dashboard Setup – Create the Match Schedule

- On the Dashboard, select Create Match Schedule. Opens the adjustable schedule.
- Add Break to input an optional five-minute break, lunch break, etc.
- Run Matchmaker to view the match schedule.

8. Print the Match Schedule

- Go back to Event Home, then select the Match Schedule under Event Info.
- Opens the match schedule. Select the Show Start Time box (optional), then the printer icon.

9. Printable Score Sheets

On the FIRST website, open Scoresheets:
https://www.firstinspires.org/resource-library/ftc/volunteer-resources
or use the Resources tab in FTC Live software.

10. Match Control Page

Key Points:

- Match Control gives a sequential list of the match schedule.

- Try a Test Match and preview the scoring beforehand.

- Play, Commit, and Post buttons will prompt FTC Live to perform actions throughout the match.

- Scorekeepers can edit the scores of a match prior to the referee submitting scores.

10. Match Control Page
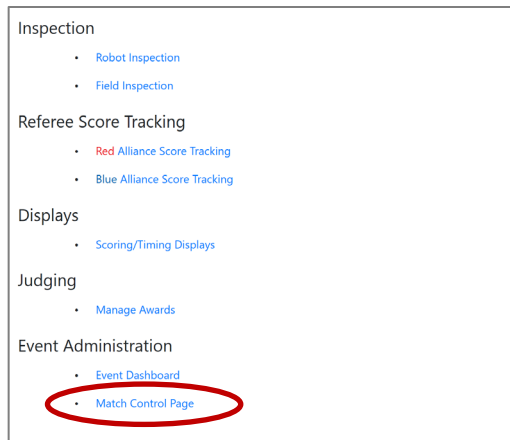
- Go to the Event Home and scroll-down to Match Control Page.
- Explore the following options:
  - Schedule
  - Incomplete Matches
  - Active Match
  - Settings (Test Matches)

11. Audience Display Mode

Key Points:

- Audience Display mode can show:

  - Field Timer

  - Match Preview

  - Results

- For more information on display limits, see the [Scorekeeper Manual](#), find the section on Match Control Display titled Scoring Displays.

Completed Scorekeeper Set-up

Key Points

For additional details about any of these steps, please refer to the [Scorekeeper Manual](#).