

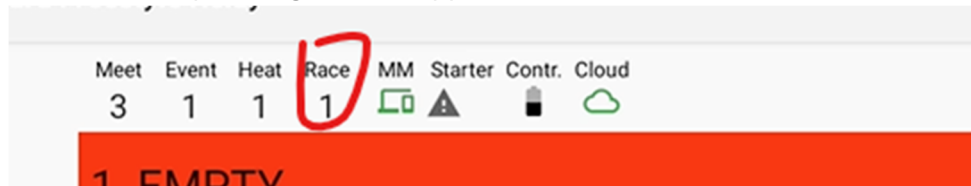
Time Drops Guidance

This document is intended as a supplement to the training and as guide to common occurrences.

1. Running Time Drops

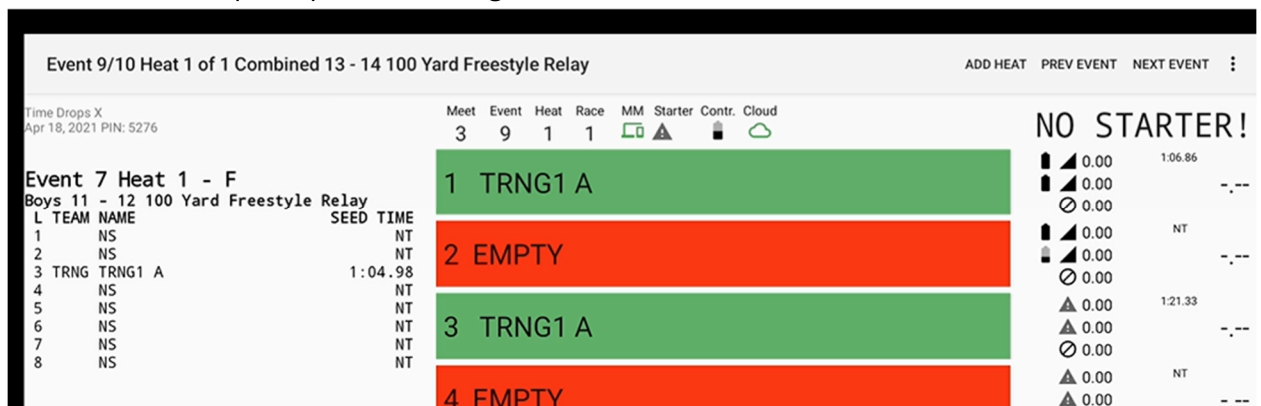
1.1. Record Race Number

- 1.1.1. The Time Drops does have a race number. Please record the race number because in unusual situations where you are jumping back and forth between heats things can get confusing and the race number may be able to help untangle what happened.

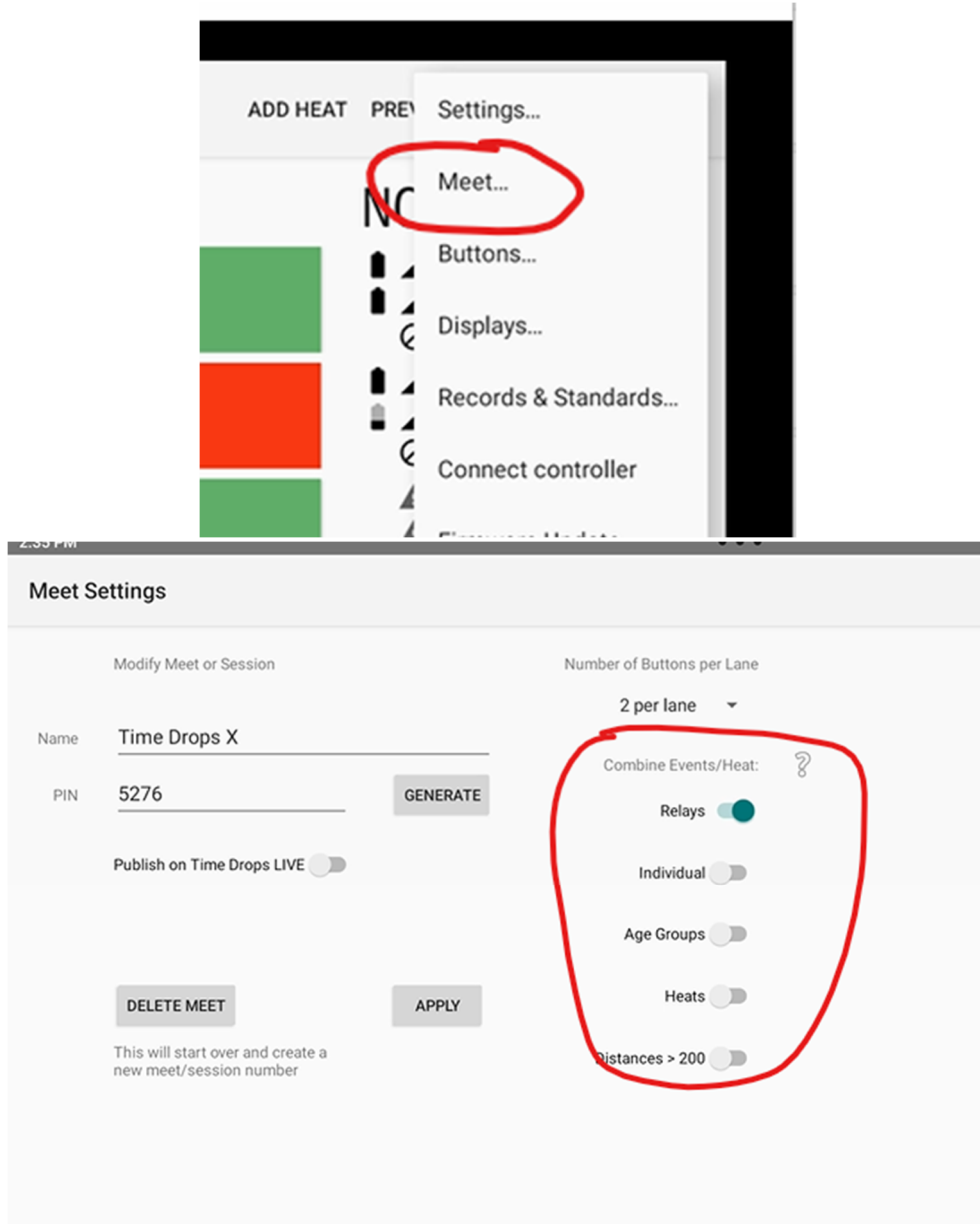


1.2. Consolidating Heats/Events

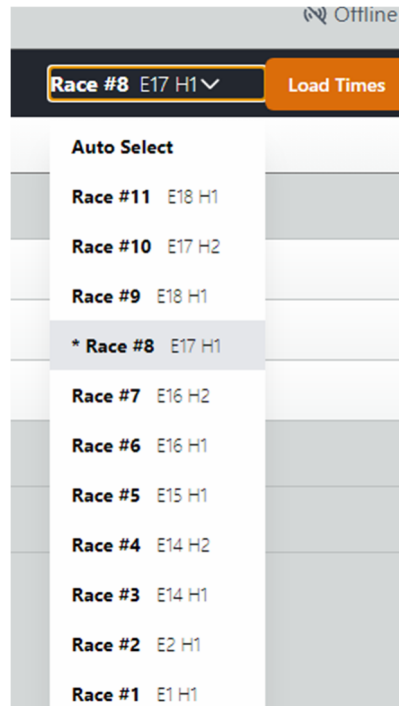
- 1.2.1. The time drops system has the option to automatically combine compatible events/heats. By default, the system is set up to combine Relays events within the same age group if the lanes do not overlap. The time drop system shows that it is a combined event and reports out separate files to meet maestro for the correct event/heat. For instance, if Event 13 Girls Free Relay has 2 relay teams in Lane 3/4 and Event 14 Boys Free Relay has teams in Lanes 3 / 4 then nothing will happen. But if the girl relays are moved to lanes 1 / 2, then Time drops will see this has a combined event and display it as such. It will send lanes 1 / 2 as event 13 Heat 1 to Meet Maestro and Lanes 3 / 4 as Event 14 Heat 1 to Meet Maestro and it is very easy and does not require special handling in Meet Maestro.



- 1.2.2. The system can also be set up to combine heats between different age groups and individual events. WHALe guidance currently is to only let Time Drops to combine relays within the same age group.
- 1.2.3. This setting can be changed by clicking the three dots in the top left corner and selecting Meet.



- 1.2.4. Heats can still be combined by manually pulling in the race number of the combined event and removing the lanes that were not relevant to the current heat.



- 1.2.5. Communication between the time drops operator and the Meet Maestro operator is essential as well as communication with the Starter and Ready Bench/Teams so everyone is aware of which events are being combined.

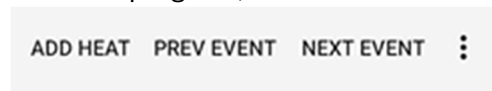
1.3. Whole Event/Heat Scratched

- 1.3.1. In the case that a whole event/heat is scratched, please click the “Next Event” button to advance the Time Drops controller to the next Race.



1.4. Time Drops Tablet Previous and Next Event buttons

- 1.4.1. The ONLY time that you should use the “Prev Event” and “Next Event” buttons are in the case of a false start and the heat is moved to later in the meet or if an entire event/heat is scratched. If you press Next Event while a race is in progress, it will record the times to the event that you moved to.



- 1.4.2.

2. Additional Setup Items

2.1. Verify only Time Drops is only looking for 2 buttons

- 2.1.1. Please go into the tablet Time Drops App. Go to the three dots in the top right, click Settings, and confirm that only 2 time drops timers are selected.

Time Drops

Pool Options

Number of Lanes
8 Lanes

Course

Pool Number
Single Pool

Invert Lane Order (high to low)

Button options

Start Delay
Buttons will be ignored for 5 seconds after start

Number of buttons per lane available - Change in Meet... if you want to use less for a specific meet
2 Buttons

Auto-accept incomplete times after
5 seconds

Auto-accept single button when using 2 buttons

- 2.1.2. Next, go to the three dots in the top right, click Meet, and confirm that only 2 time drops timers are selected.

Meet Settings

Modify Meet or Session

Number of Buttons per Lane
2 per lane

Name
Time Drops X

PIN
5276

GENERATE

Publish on Time Drops LIVE

Combine Events/Heat: ?

Relays

Individual

2.2. Time Drops setup for 6/8 Lane pools

- 2.2.1. The tablets were initially set up to account for an 8-lane pool. If you change the tablet to a 6-lane pool, the time drops buttons for lanes 7 and 8 may be removed from the configuration. If the next team has an 8-lane pool, then they will need to change the tablet back to 8 lanes and re-pair buttons for lanes 7 and 8. WHALe recommendation is to keep the tablets at 8 lanes.

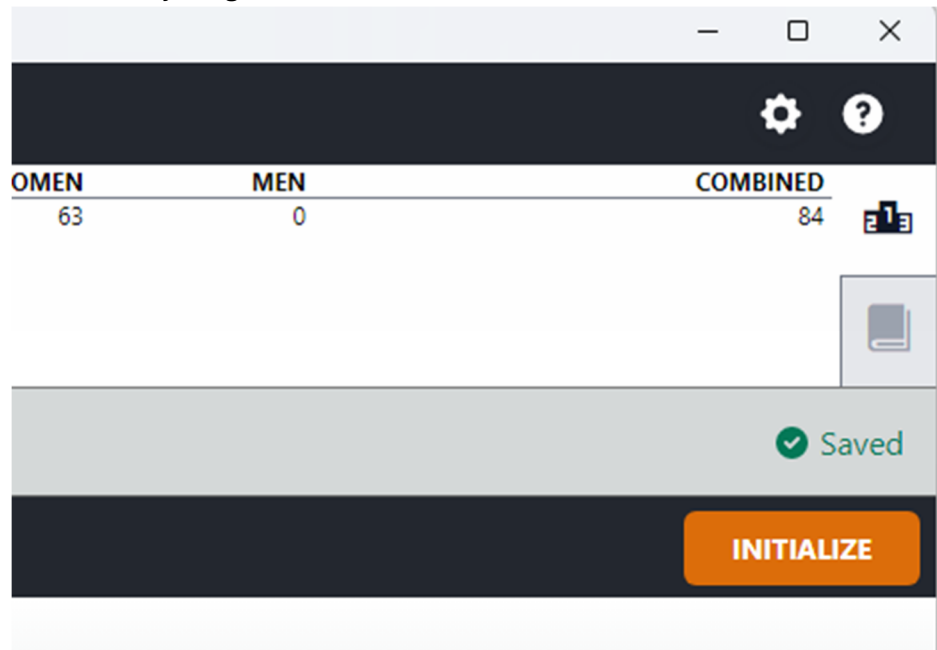
2.3. The night before a meet

- 2.3.1. Turn on the tablet
- 2.3.2. Verify charge, if needed plug in tablet.
- 2.3.3. Check the notification menu and verify there are no security updates pending, if there are, install security updates.
- 2.3.4. Open Time Drops, Verify, if time drops has a pending update and install if there are.
- 2.3.5. Turn off tablet.

3. Common Questions/Troubleshooting

3.1. Meet Maestro Closes while meet is in progress

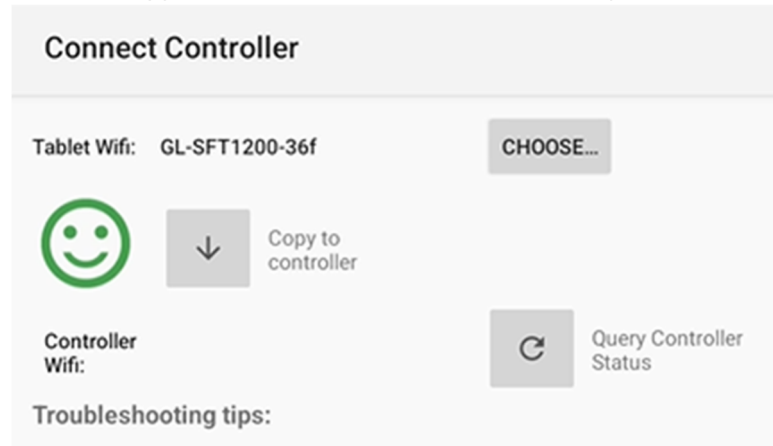
- 3.1.1. If Meet Maestro closes while a meet is in progress for any reason, you will see the word “Initialize” where you normally click to pull times into a heat. Click initialize and the Time Drops setting menu will display. Verify everything is correct and hit save.



3.2. Connect to a different Wifi

- 3.2.1. Connect laptop and tablet to new wifi source.
- 3.2.2. Open Time Drops App on tablet. Click on the three dots in the top right corner, and select “Connect Controller”

3.2.3. Select “Copy to Controller”, Wait for Green Smiley Face



3.3. Replace Button

- 3.3.1. Open Time Drops App on tablet. Click on the three dots in the top right corner and select “Buttons”.
- 3.3.2. Turn on the new Button.
- 3.3.3. Depress and hold down new button, Drag the button displaying a green dot to the appropriate lane.
- 3.3.4. Click Save in the top Right corner.
- 3.3.5. **Only replace a button if the button is non-responsive.**

3.4. Account Logged Out

- 3.4.1. Open Time Drops App on tablet. Click on the three dots in the top right corner, and select “Account”.
- 3.4.2. Login with the email address whaletimeX@swimwhale.com where X is the number of the Time Drop Case. The password is WH@Le2024.

3.5. Wifi Router Turned Off

- 3.5.1. Last race times stored in Controller
- 3.5.2. Halt Meet and correct Wifi Router
- 3.5.3. If needed see instructions for connecting to a different Wifi.

3.6. Internet Connection Lost

- 3.6.1. Times are stored in the Tablet and transferred to laptop
- 3.6.2. Meet can continue to run while internet connection is re-established but Meet Maestro will not run.
- 3.6.3. Last resort – Meet can be scored at later date when internet connection is working.

3.7. Laptop Failure

- 3.7.1. Times are stored in the Tablet.

- 3.7.2. Meet can continue to run while laptop is reboot or spare laptop is brought online.
- 3.7.3. Last resort – Times stored in Tablet and can be transmitted at later date Meet can be scored at later date when laptop is working.

3.8. MM-Link and Tablet are not connecting

- 3.8.1. Verify no security updates are pending on tablet
- 3.8.2. Reboot Tablet

3.9. Starter is not working

- 3.9.1. Enable the back-up button starter by pushing the button
- 3.9.2. Use the back-up button and a whistle to start the race. The back-up button will start the time drops timers and the whistle will signal to the swimmers to start

4. Time Drops Live / Time Drops Scoreboard

Time Drops has two apps that you may want to consider using to help parents follow the meet. Time Drops Live is an app that runs on users Android or Apple phone. It shows real-time results, as well as heat sheets and shows combined events. It does not update with DQs and all times are UNOFFICIAL. Time Drops Scoreboard is an app that runs on Fire TV (either natively or by a Firestick), Google TV, or Apple TV.

4.1. Time Drops Live

- 4.1.1. In the Meet Setup menu (the screen that is opened on the tablet when the meet is first setup in Meet Maestro or by access the menu by selecting the 3 dots on the top left), select a PIN and click the button to Publish on Time Drops LIVE. PIN can be autogenerated or manually typed in.

The screenshot shows the 'Meet Settings' screen. At the top, it says 'Modify Meet or Session'. Below that, the 'Name' field is set to 'Time Drops X'. The 'PIN' field contains '5276' and has a 'GENERATE' button next to it. Below the PIN field is a toggle for 'Publish on Time Drops LIVE'. To the right, there is a dropdown for 'Number of Buttons per Lane' set to '2 per lane', a 'Combine Events/Heat' section with a question mark, and two toggle switches for 'Relays' (which is turned on) and 'Individual' (which is turned off).

- 4.1.2. In Time Drops Live, search for Nearby meets, find your meet and enter the PIN

4.2. Time Drops Scoreboard (on same router as Time Drops)

- 4.2.1. Install the Time Drops Scoreboard on the TV device.

- 4.2.2. Connect the TV/Device to the Time Drops router.
- 4.2.3. Open the App. As long as the device is on the same router, it will automatically start displaying the meet.

4.3. Time Drops Scoreboard (on different router/internet connection as Time Drops)

- 4.3.1. Setup Time Drops Live.
- 4.3.2. Install the Time Drops Scoreboard on the TV device.
- 4.3.3. Connect TV/Device to the Internet.
- 4.3.4. Open the App.
- 4.3.5. Search for the meet in the app and enter the Pin from the Time Drops Live setup

Rev	Date	Comments
C	6/4/2026	Summer 2026 Update 1, added Time Drops Live/Scoreboard Information
D	6/5/2026	Added Section 3.9 Start is not working