

MySkiTool Tournament Package Instructions

Thank you for purchasing the MySkiTool GoPro Video Capture System.

This package is optimized for running a Class L waterski tournament where video recording and review are required. It includes:

- **Primary Unit:** Equipped with a standard lens, designed to be mounted on a mechanical tracker (not included) on the boat pylon.
- **Backup Unit:** Equipped with an ultra-wide-angle lens, intended to be mounted on the boat bimini.

Note: If the primary unit fails to capture a pass due to a network or battery issue, the pass can be retrieved from the backup unit. Both videos (primary and backup) are available for shore review at 768x432 resolution approximately 30 seconds after pass completion, depending on cellular connection speed.

The backup unit provides quick-access video at a lower resolution. This is typically sufficient for judging. Higher resolution video is available if needed (e.g., in poor lighting), but may take 2–5 minutes to retrieve, depending on cellular speed.

System Setup & Operation

The system is pre-configured and ready for use. To get started:

1. Ensure all batteries are charged.
2. Power up the GoPro.
3. Launch the MySkiTool app from the phone's home screen.
4. The system will auto-detect the lake and indicate when it is fully connected. At this point, you are ready to ski.

Each phone is pre-paired with its respective GoPro camera. Please keep each phone with its matching unit.

If you use the system at a new lake, please contact us to program lake detection. This requires downloading a new version of the app, which is a straightforward process.

Package Overview

You received two GoPro/phone paired units:

- **Pylon Unit:** Mounted on the mechanical tracker.
- **Bimini Unit:** Mounted on the Bimini for backup coverage.

Having two units ensures redundancy during tournaments in case of dropped connections or other issues.

Battery Management

The most common issues arise from discharged GoPro or phone batteries.

- A red indicator on the phone screen signals low battery.
- The "Judge" webpage also displays battery status to allow for proactive monitoring.

The V50 battery packs used in this system:

- Stay in "always on" mode.
- Are large enough to typically last a full day.
- Continue providing power even if the GoPro stops drawing current temporarily (unlike some other packs).

Important: The GoPro must start with a 90%+ charge. During recording, charging is suspended to avoid overheating. If the battery is too low, Wi-Fi may become unreliable and may lead to disconnection or recording failure—even if an external battery is attached.

If a GoPro shuts down from low battery:

- On the next boot, it will show a required alert.
- If the internal clock resets, a prompt will request setting the date/time.
- Don't worry about accuracy, the app will sync time from the paired phone.

Monitoring During Tournament

You can monitor the system in two ways:

1. On the Phone App:

- The app shows status indicators.
- Red icons or messages identify problems.
- It may auto-reconnect if cellular or GoPro connection is temporarily lost.
- If problems persist: power cycle the GoPro (remove battery), restart the app, or reboot the phone.

2. Via the "Judge" Webpage:

- Provides fast video access and limited control.
- Displays battery levels, phone temperature, lens settings, and assigned skier names.
- Skier names (for practice) can be manually selected from a list.
- If integrated with WaterSkiConnect, skier and round data will auto-associate with the correct video.

Resolution and Stabilization Settings

- **Bimini Unit:** Default is 4K with stabilization ON.
- **Pylon Unit:** Default is 2.7K with stabilization OFF.

GoPro stabilization can counteract mechanical tracking by making subjects appear to "lag." Experiment to find your preferred lens and stabilization settings. You can adjust them:

- From the Judge page, or
- Manually via GoPro's touchscreen.

System Updates & Support

This system has been successfully used in multiple Class L tournaments. We continue to improve features and ease-of-use. You can update the app at any time to access the latest enhancements.

If you have any questions or need assistance, please reach out to our support team.

Enjoy the tournament and thank you for choosing MySkiTool!