

Daktronics for the Colorado Operator

This document is intended to cover the operational differences between the Colorado Timing System 5 (CTS5) and the Daktronics 6000 (DAK). It assumes a familiarity with the operation of the CTS5.

Overview

The operation of the DAK unit is very similar to the CTS5. The sequence of STORE PRINT, RESET, NEXT HEAT/NEXT EVENT is the same. The use of +Touch/-Touch is the same, and the SPLIT ARM and FINISH ARM functions are the same.

Downloading Events

To download to the CTS5, you simply need to make sure the unit is reset. The download is then initiated by the Hy-Tek operator.

To download to the Daktronics 6000, the unit also needs to be reset. However, there is sub-menu that must be used to initiate the download. From the top level, select EDIT. Then select EVENT SEQUENCE. Then select DOWNLOAD. Follow the on-screen prompts to put the unit in the download mode before the Hy-Tek operator initiates the download.

Reset

The CTS5 is reset using two fingers on the RESET button.

The DAK is reset using a two button sequence. Pressing the RESET button causes a prompt on the screen "Reset, are you sure? Y/N". Then you need to either press the YES soft key to the right side of the display, or press the ENTER key.

Race Number

While the DAK does assign a race number to each heat, that number is never displayed on the screen. If you needs to retrieve a previous heat from the DAK, you will select it by event and heat.

Advancing the Event/Heat

In the DAK, if you do not advance the event/heat (i.e. reuse the save event/heat), the new heat information will write over the previous information. The previous information will no longer be retrievable from the DAK unit. Hopefully, you have the printout with that missing data.

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Running Time

With the CTS5, the running time stops when the last swimmer touches. That makes it important to turn off empty lanes. The running time in the DAK does not stop until the unit is reset.

Turning Off Lanes

The procedure to turn off lanes is the same in the CTS5 and the Dak. Unlike the CTS5, the DAK automatically turns all lanes back on when you reset the unit.

Audio Feedback

The CTS5 provides a “beep” every time a pad is touched or a button is pushed. The DAK provides no such feedback.

Next Start before Reset

Using the Daktronics 6000, you can recover from the case where the next start is done before you have reset the unit. When you do the RESET sequence, the unit says that it has detected another start, and do you want to use that start? Press the YES soft key and the running clock will be correct.

A couple of things to note when you have this situation. If you hadn't reset the unit, you probably also hadn't advanced the heat/event. Make sure you do that. The pad activation delay doesn't start until you complete the above sequence. So, depending on how long it took to correct this situation, the pads may not be active when the swimmers touch them (a real problem on a 50y event).

Losing Power

Turning off the power to the DAK causes it to lose all race data stored in the unit. If you need to cycle power for some reason, make sure the Hy-Tek operator has downloaded all the completed heats.

Setups

While the setup menus for the DAK are different from the CTS5, they are intuitive enough to easily follow. If you are only using two buttons (the usual configuration at the PGS&LC), make sure the setup is for two buttons. If your setup is for three buttons, the DAK does not calculate an average of the buttons for the backup time.

Button Adjustment

And, here is a note for referees and timing judges. Unlike the CTS5, the DAK **does not** make a 0.15 sec adjustment to the backup buttons. This should be taken into account when using a backup time from the DAK system.