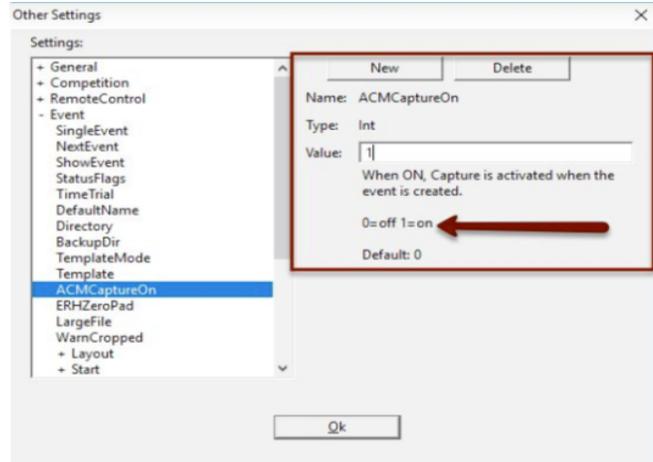Genovations keypad setup with macros:

Before you begin, configure the following items in FinishLynx hidden options:

1) CTRL+M for manual start
2) CTRL+E for next event
3) Under **Event**, change ACMCaptureOn to "1"

Setting up the macro software:

1. In Dropbox/AthleticTiming/Graham's Testing Folder there is a folder called **Updated Magic Keyboard**. Open it.

2. Press the Windows key and type `run`, then press <enter>. In the text box, enter `shell:common startup`, and press <enter> again. This will open a new folder which contains programs that Windows runs every time the computer starts up.
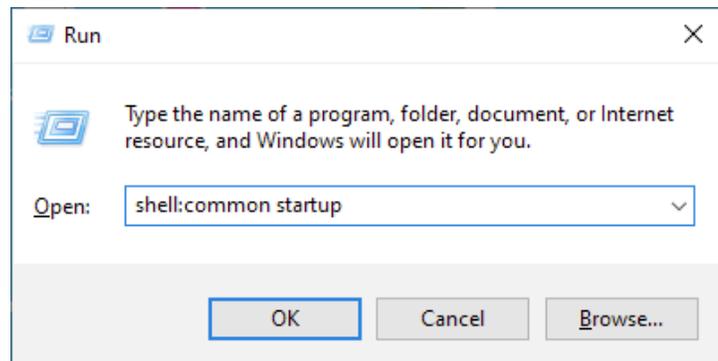
3. Copy the **genovationmacros.exe** file from the Updated Magic Keyboard folder to the Common Startup folder, and close the window.

4. Restart the computer. If the procedure was successful, you'll see a green **H** in the System Tray after you log back in. Sometimes it can take 30-ish seconds to show up after you log in. This is the macro program that runs in the background to ensure that the keystrokes inputted to the proper things.
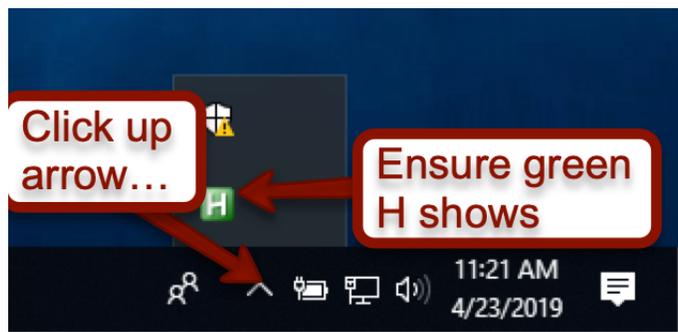
Key Guide:

WE: (CTRL+W, CTRL+E) Closes event, opens next event in the schedule. Capture should be on automatically as soon as the new event is open.

SAVE: (CTRL+S) If this is the first time you've saved the event, you will be prompted with the **Save As** dialog box.

CAP: (ALT+T) Toggles Capture on and off manually. Useful for the end of an event if you don't want it to capture any more video but want to leave your scoreboard cycling the results.

1-25 (white keys): Creates a split and/or finish time for the selected lane/hip number in FinishLynx. Example: To tag the runner in lane 4, position the cursor on the runner's chest and press the 4. If that runner has laps left, a split will be entered for that runner. If there are no laps left for that runner, the finish time will be recorded for that runner.

0-9: A number pad. Nothing special about it. Allows you to 10-key with your left hand.

Enter: Exactly that. Presses the <enter> key.

M: (CTRL+M) Performs a manual start immediately, with no need to press the spacebar.

A: (CTRL+A) Re-arms the start sensor and resets the running clock to zero. Useful after a recall or incorrect activation of the start sensor (like the starter bonks the sensor).

F: (ALT+F) Sets the scoreboard to "Finishing Mode," which will stop the display clock when the first runner crosses the line, and will start showing results on scoreboards as soon as you start tagging runners.

SE: (ALT+S, ALT+E) Stops scoreboard clocks and refreshes all scoreboard data. Useful if you forgot to hit the F above before the first runner crosses.

P: (ALT+P) Pauses the display clock briefly the next time a runner crosses in front of the camera. Useful for displaying the leader's split.

F3: Types <F3>. This will bring times into Hytek from Finishlynx.

LED ON, etc: Toggle switch that modifies behavior of the white keys: If the LED in the top right corner of the device is ON, the white keys will type the lane number and then press <ENTER> (and therefore will not create a split—use this for sprints under one

lap). If the LED in the top right corner of the device is OFF, the white keys will type the lane number and then press <SHIFT+ENTER> (and will therefore create a split—use this for races longer than one lap that you will be splitting).

Tiebr/JD--score--upload: Click on an event in Run screen in Hytek. Press this key to perform the following, in sequence:

- Does a CTRL+T to break running ties (if it's a field event, nothing will happen)
- Opens the JD screen and auto-breaks ties (if it's a running event, it will open the JD screen and close it without changing anything)
- "Re-score" the event (no report will open)
- Send the event to the web (F12 button)
  This whole process will take about 5 seconds. I've slowed it down on purpose so that the operator can see what changes are or aren't being made.

Note: With the exception of all of the number keys (both white and yellow) any key you hit on the magic keypad will automatically cause the computer to switch to the correct window before activating its assigned sequence. For example, if you are working in Hytek and you hit the "M" button, the computer will switch to FinishLynx before activating the manual start sequence. On the other hand, pressing the F11 key or the tiebreaker sequence key will switch you back to hytek before attempting the sequence.

Before each race, I select the correct heat that we are running in Hytek. My normal sequence after finishing a race is the following:
- CAP (disable capture and make sure that no more image gets put into the file)
- SAVE (if you have time, you can elect to leave the event open in FL for a while to let the scoreboard results show)
- ENTER (to clear through the "Save-As" screen)
- WE (closes the file, opens the next one to be ready for the next race)
- F3 (switches to Hytek and pulls times in the correct heat that we pre-selected)
- F11 (publishes the heat results to the web—replace this with the tiebr/JD key if this is the last heat in the event)