



Tyr's Hand Controller Programming Instructions

1. Download and install the Viking Legacy Software

- a. Visit <http://www.viking360.com> and click on "DOWNLOAD"
- b. Click on the "XBOX360" logo
- c. Click on the "Tyr's Hand" logo
- d. Scroll down until you see "Legacy Customization Software"
- e. Click on the picture of the software and save the file to your computer
- f. Extract the contents of the .zip file and double click on "Viking360 Installer.msi"
- g. Follow the on screen instructions to install the Legacy Customization Software

2. Open the .HEX File Maker

- a. Click on your Start button and navigate to your programs
- b. Find the "Viking360 Legacy Rapidfire" folder
- c. Then find the "Viking360 Legacy .HEX File Maker" and click on it to open the software
- d. Select "Tyr's Hand" from the "Controller name" list box
- e. Customize your controllers settings
- f. Click "File" then "Save" and save your settings as a .HEX file (be sure to remember where you save this file, you will need to find it in step 6)

3. Open the .HEX Flashing Utility

- a. Click on your Start button and navigate to your programs
- b. Find the "Viking360 Legacy Rapidfire" folder
- c. Then find the "Viking360 Legacy .HEX Flashing Utility" and click on it to open the software
- d. At this time the Flashing Utility buttons will be grayed out and the text at the bottom will read "Viking not detected." This is normal

4. Place your controller into Programming Mode

- a. Power off your controller by removing and then replacing the battery pack
- b. Hold down the sync button on the top of the controller while turning the controller on by pressing on the guide button
- c. The Player 3 and Player 4 lights on the controller should go out very quickly the Player 1 and Player 2 lights will continue blinking
 - i. If you have already sync'd your controller to your Xbox the Player 1 or Player 2 lights may go out and one light may go solid, this is normal

If the lights are displayed as described in step 4.c. your controller is in programming mode. For trouble shooting tips please see the Troubleshooting Tips at the end of these instructions.



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5. Connect the Controller to your Computer

- a. Make sure your controller is still in programming mode (see Step 4)
- b. Plug the programming cable into the controller (any standard PNC cable will work)
- c. Plug the USB end of the cable into a USB port on your computer (the lights on your controller may go out, this is normal)

6. Upload .HEX file to your controller

- a. After completing Step 4 the Flashing Utility should state "Device Attached" (For troubleshooting tips please see the Troubleshooting Tips at the end of these instructions)
- b. In the Flashing Utility click the "OPEN GAME DRIVER" button
- c. Locate and open your .HEX file saved in Step 2.f
- d. Click the "PROGRAM CONTROLLER"
- e. The program will run through some quick steps and end with the message "Program Completed Successfully"
- f. Click "REBOOT CONTROLLER"

7. Use your controller

- a. Unplug the programming cable from your controller
- b. Power up the controller by holding down the Guide Button
If you use the All-in-One-Driver supplied by Viking360, LED 4 should be solid; this indicates that the rapid fire is on.



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Troubleshooting Tips

- **Controller won't go into programming mode**
 - Make sure you are using fully charged or brand new batteries.
 - Remove the battery pack and hold down the sync button while plugging the battery pack into the controller.
- **The Flashing Utility indicates device not attached even though my controller is in programming mode and it is properly connected to my computer**
 - Reboot your computer.
 - Make sure you are using fully charged or brand new batteries.
 - Remove the programming cable from the controller, remove the battery pack, reinsert the battery pack and place the controller into programming mode again (see Step 4). Reconnect the programming cable to the controller.
- **When I plug the cable into my controller the Player 3 or Player 4 button flashes rapidly and the HID BootLoader does not detect the controller**
 - Remove the programming cable from the controller, remove the battery pack, reinsert the battery pack and place the controller into programming mode again (see Step 4). Reconnect the programming cable to the controller.
- **Controller power keeps going off in programming mode**
 - Make sure you are using fully charged or brand new batteries.
 - Make sure the battery pack has been inserted properly and is tight in the controller (the battery pack has clicked into place).