TL:DR Checklist



Arduino + Controller Setup

- ☐ Install the Arduino IDE (if not already installed)
- ☐ Download the SHADOW Arduino sketch and libraries (link)
- ☐ Extract the folder
- ☐ Install libraries from the Shadow folder to the Arduino Libraries folder
  - ☐ For Windows, this will be under `Documents / Arduino / libraries` by default
  - ☐ Copy these folders
    - ☐ *MP3Trigger* (Sparkfun MP3 Trigger board)
    - ☐ *serMP3* (MdFly MP3 board)
    - ☐ *USB_Host_Shield*
- ☐ Open the sketch in the IDE (`Shadow / Shadow.ino`)
- ☐ Set up the USB Shield (see here)
- ☐ Connect your USB Shield and Arduino
- ☐ Connect your Arduino to your computer using a USB-A to USB-B cable
- ☐ Upload the sketch using the Arduino IDE

- [ ] Click on "Verify"
- [ ] Click on "Upload"

- [ ] Connect to the Arduino using the Serial Monitor
  - [ ] Tools -> Serial Monitor
  - [ ] Select 115200 Baud
  - [ ] Check the output
- [ ] Unplug the Arduino
- [ ] Plug in the Bluetooth USB adapter
- [ ] Plug the Arduino back into the Computer
- [ ] Check the Serial Monitor
- [ ] Unplug the Bluetooth Adapter
- [ ] Plug the PS3 Move controller into the shield using a USB-A to USB-Mini cable
  - [ ] Get the Bluetooth MAC address for the controller form the Monitor
- [ ] With the controller unplugged, press the Playstation button to start pairing
- [ ] Update the PS3MoveNavigatonPrimaryMAC variable in the Shadow sketch using the IDE with the MAC from the controller
- [ ] Re-place the Bluetooth Adapter
- [ ] Re-Upload the sketch after saving

Revision #5
Created 3 December 2023 03:31:52 by Eclipse
Updated 25 December 2023 06:43:19 by Eclipse