Description
Microdrivers etc. etc.

Operation
There are two buttons on each microdriver, a white button and a red button. There is also a small indicator light on the front face of the microdriver, which will indicate the microdriver's status. There are five possible states for a microdriver:

- Off
    - The microdriver is powered off. The indicator light will also be off.
    - To power a microdriver off, hold down the white button. The indicator light will slowly blink as the white button is held. When the indicator light stops blinking and remains off (usually around seven blinks), the microdriver will be off.
- On/Standby
    - The microdriver is on and waiting to pair or stream. The indicator light will remain on.
    - To turn a microdriver on, press the white button once.
- Sleep
    - The microdriver is powered on, but inactive. The indicator light will blink every few seconds.
    - To toggle between Sleep and Standby, press the white button once.
- Streaming/Active
    - The microdriver is active and streaming data to the system. The indicator light will blink rapidly.
    - In order to stream data the microdriver must be paired to the system.
    - **To pair a microdriver:**
        - Start the system.
        - Hold down the white button. The indicator light will slowly blink while the white button is held.
        - When the indicator light has blinked three times, release the white button. The microdriver will be paired to the system.
- Diagnostic
    - A test state useful for debugging.
    - LEDs connected to the microdriver will be lit, but *will not track*.
    - The indicator light will blink quickly, though at a slower pace than in streaming mode.
    - To enter the diagnostic state, hold down the white button. The indicator light will slowly blink while the white button is held. When the indicator light has blinked five times, release the white button. The microdriver will be in the diagnostic state.
    - To exit the diagnostic state, press the white button once.

Debug checklist/procedure guide

If a microdriver is not working:

- Is it on?
    - Check that the indicator light is on or blinking. Try pressing or holding the white button to power the microdriver on.
    - If you still cannot power on the microdriver, try plugging it into a charging cable, and try again.
- Does it scan?
    - Open the *Scan & Monitor Devices* dialogue in the Configuration Manager. Click the scan button to start a scan for new devices. A list of microdrivers in use will be underneath.
    - Attempt to pair the microdriver by holding down the white button until the indicator light blinks three times. If successful, the microdriver will enter the streaming/active state and will appear in the list in the dialogue. You can confirm the microdriver is the correct one in the list by checking the hardware ID, or by pressing the red button on the microdriver. Pressing the red button while a microdriver is streaming/active will highlight it in the list.
- Does it turn on LEDs?
    - Connect an LED device to the microdriver and confirm the microdriver turns on the LEDs.
    - Enter diagnostic mode by holding the white button down until the indicator light blinks five times. Repeatedly press the red button to cycle through LEDs to confirm their individual functionality.
- Does it track?
    - Place the microdriver with LEDs attached inside your capture space/in front of a camera.
    - Make sure the microdriver is on/in standby, and start the system. Make sure to select a profile that makes uses of the microdriver. If you are unsure, select the diagnostic profile.
    - When the attached LEDs are on, check that dots appear in the 2D view of Master Client or the web client Viewer.
- It works then
    - If you are still having issues with your microdriver unit, contact Phasespace support.