

## **Operational Description**

DigiBit is a clip-on wearable gaming system for your mobile device that turns your body into the controller, wherever you are. DigiBit devices are used in conjunction with a mobile phone application and provide body motion feedback to that application through BLE and ANT protocol links. A DigiBit contains a motion sensor circuit, LED's, and an nRF52 transceiver / microprocessor which employs BLE and ANT protocols in the frequency range of 2400 – 2480 MHz. A micro-USB port is provided on the unit only for DC charging of the internal 3.7 V battery.