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| **Power  LED**  **Fast Flash** – the ChapR battery is running low.  **Slow Flash** – (along with the connection LED) the ChapR is in pairing mode.  **ON** – the ChapR is on, and the Battery is healthy.  **OFF** – the ChapR is off. The ChapR automatically turns off after 10 mins.  **ChapR Cheat Sheet**  **Important Tips**  **Always turn on the NXT before turning on the ChapR!** If the ChapR is turned on first, the NXT often boots in a strange state. It just works better to turn on the NXT first!  For Best Results!  1.  3.  **The ChapR will start acting very weird when it gets low on battery!** If the power light is flashing rapidly, the ChapR has noticed the battery getting low. You still have some useful time with that battery, but get ready to change it soon.  **If you are having problems, reboot the NXT.** First turn off both the ChapR and NXT, then turn both back on, NXT first.  2.  *www.TheChapR.com*  *v1.0 – Dec 2013*  **Connection LED**  **Slow Flash** – The ChapR is not connected to the NXT. If the power LED is also flashing slowly, the ChapR is in pairing mode.  **ON** – ChapR is Bluetooth connected to the NXT. | **Action**  Starts Bluetooth pairing, starts NXT programs, & releases wait-for-start.  **Power**  Turns the ChapR on/off and kills any running NXT program.  **Pairing the ChapR with the NXT**  ***WHEN TURNING ON THE ChapR*** – HOLD the Action button down along with the Power button. Let go when the Power LED turns on. Both LEDs will flash indicating that the ChapR is in pairing mode.  +  +  **Releasing Wait-for-Start**  Press the Action button to release the “wait-for-start” for any ***running*** program. In the LabView personality the button is a “toggle” – in RobotC it is momentary.  **Starting & Stopping NXT Programs**  Press the Action button to start the NXT program that was set by the ***Program Chooser*** on the NXT.  Press the Power button to kill any currently running NXT program. ***Don’t hold it down***, or the ChapR will turn off!  **Turning the ChapR ON & OFF**  Press and HOLD the Power button for 2 seconds to turn **ON** the ChapR. Let go when the Power LED turns on.  Press and HOLD the Power button for 2 seconds to turn **OFF** the ChapR. Let go when the Power LED turns off. |
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