

## **Hints for Using the NXT's Bluetooth Capability**

### **Rename Your NXT**

To easily identify the NXT you are connecting with, give it a unique name. (All NXTs are named "NXT" by default)

1. In NXT-G, select your NXT WINDOW icon in your bottom right corner control panel.
2. Select your NXT under your COMMUNICATION tab.
3. In the right corner is a box to rename your NXT. Click the bottom to the right when done.

### **NXT Setup**

You must turn the Bluetooth feature on for each NXT you want to connect.

1. On the NXT's menu, scroll over to BLUETOOTH using the light grey arrows.
2. Select BLUETOOTH by pushing the orange button.
3. Scroll over to ON/OFF. Select ON/OFF.
4. Turn the NXT ON. When you select ON, a little Bluetooth symbol will appear in the upper left hand corner of the screen.

### **Establish a Connection between an NXT and a computer in NXT-G**

You can use the Bluetooth feature to wirelessly download programs from your computer to the NXT.

1. Open NXT-G.
2. Begin a new program.
3. In the bottom right corner is the control panel. Choose the button with the NXT icon (if you scroll over the button it will say NXT WINDOW).
4. Under the COMMUNICATIONS tab, click Scan to allow the program to identify the Bluetooth enabled NXTs in your range.
5. Choose your particular NXT and then select the CONNECT button.
6. The box next to your NXT will then become filled when connected. On the NXT, the Bluetooth icon should go from < to <>.

### **NXT-to-NXT Connection**

To send data from one NXT to another, you must establish a connection between the NXTs.

1. Return to the BLUETOOTH menu.
2. Scroll over to SEARCH on the sender NXT.
3. Select SEARCH and choose your receiver NXT (look for the name). This need be only done with one of the NXTs.
4. You will then be prompted to choose a slot (the NXT can be connected to 4 devices at a time).
5. If done correctly, each NXT will beep and be prompted to enter a passkey. The passkey is 1234 and should be automatically entered on the screen.

6. Select the checkmark on both NXTs to establish a connection. Connection can be verified by looking up in the top left corner. If the Bluetooth symbol only has a < sign next to it, no connection is made. If it has <> then a connection is made.
7. After you have established a connection you will be able to see the connection under BLUETOOTH:CONNECTIONS. Both NXTs will show the other.