



## Providing the Astronomical Community with Premier Products, Services, and Training

**Astro-Smart**, [www.astro-smart.com](http://www.astro-smart.com)

### **Bluetooth Module Instructions:**

#### **Connection Steps:**

1. Insert the supplied Bluetooth USB module in your computer USB Port or use your existing Bluetooth capable computer solution . The standard CSR 4.0 module provided is a Class 2 and works with all versions of windows within range of 33-50 feet . If blue tooth range maximum is required, an upgrade to Class 1 can be acquired from Astro-Smart which has a range of 168 feet.
2. Open up device manager on your computer and wait or verify that your Bluetooth drivers are installed. This will take a moment if your OS needs to grab them from the internet. You should see Bluetooth radio drivers and ICONs in device manager. Now, you need to add the HCo6 Bluetooth device in your CDAP/CDA-R to your computers serial ports in next step.
3. Open up Bluetooth devices from your OS ribbon or from control panel to add this device by doing a search for Bluetooth devices. You should see HCo6 or other Bluetooth devices. Select and chose Add device.
4. Now, pair the device to your computer. Select Pair Code Option and enter 1234. The device should report pairing successful and now you have to wait for the drivers to create serial ports for Bluetooth which can now be used in unison with your hard line serial port connection. If done successfully, you can open up 2 CDAP/CDA-R SW instances to talk and control your CDAP/CDA-R simultaneously if desired.
5. Once, Bluetooth serial ports installed, you will see 2 ports. One for Incoming and the 2<sup>nd</sup> for outgoing. Please, use the first lower incoming port when connecting with your CDAP/CDA-R.
6. You are now ready to use the SW program to receive and transmit data. In the SW CDAP/CDA-R program connect to the Bluetooth incoming serial port. Press the real time read control button and data and graphing should appear as usual when just using the serial to USB connector.
7. Now, hit the “o” button on the software GUI keypad. This should reset the CDAP/CDA-R and a beep will be heard.
8. See video on the site as well at:

[http://www.astro-smart.com/index.php?p=1\\_49\\_Video-Overviews](http://www.astro-smart.com/index.php?p=1_49_Video-Overviews)

Email me for any other questions.

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