

Bluetooth Dongle Assembly

Last updated 2nd Sept. 2025

Construction of the Bluetooth dongle is straight forward.

With the RJ45 socket viewed as image to the right, notice the pins from left to right alternate between near row and far row.

We will connect 4 wires to the pins of the near row.
From left to right they will connect to the dongle below
RXD, TXD VCC GND

Insert the RJ45 cable into the socket and use a continuity tester to identify the 4 conductors needed. The are usually Brown, Orange (sometimes Green), Blue/White and Orange/White.

I use hot glue and two diameters of heat shrink to finish off.

