Ok, due to the way my HEVO is setup the wiring to the DuetWifi isn’t clear to see properly via photos

From the Orion

|  |  |
| --- | --- |
| **Usage** | **Colour** |
| v+ | Red |
| Ground | Black |
| Signal | Green |

This goes to the dual socket RJ45, A side

|  |  |
| --- | --- |
| **Colour** | **Pin** |
| Black | 1 |
| Green | 2 |
| Red | 3 |

Which translates , via the Cat5e cable to

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colour** | **Used by** | **Type** | **Colour** | **Pin No.** |
| Orange & White | Piezo | Ground | Black | 1 |
| Orange | Piezo | Signal | Green | 2 |
| Green & White | Piezo | Voltage | Red | 3 |
| Blue | - | - | - | 4 |
| Blue & White | - | - | - | 5 |
| Green | Hot End Thermistor | N/A | - | 6 |
| Brown & White | Hot End Thermistor | N/A | - | 7 |
| Brown |  | - | - | 8 |

On the Duet board 50 pin header

|  |  |
| --- | --- |
| **Colour** | **Pin** |
| Orange & White | 2 |
| Orange | 31 – Heater7 |
| Green & White | 1 |

Also in config.g

; BLTouch - Heaters

M307 H7 A-1 C-1 D-1 ; Disable the 7th Heater to free up PWM channel 5 on the Duet board