

# Kim Pixler Project – Detailed view (v1)

By Bill Weis

Requirements:

1. Be able to voice control her Pride Mobility PLR-2935 lift chair/recliner

Solution – High Level:

1. We provided a voice solution for the model 2022 Pride Mobility PLR-2935

**1. Be able to control his Pride Mobility PLR-2935 using Voice commands** – We provided a voice solution for her model PL2935 that allows Kim to control all the desired features using voice commands.

Here is a schematic of the bed controller design

Kim Pixler Recliner Project  
 Pride VivaLift Atlas PLR-2985  
 Hand Controller HSW310-VA  
 S/N 23122.06

This is the 5 pin DIN male connector

The pinouts for the 5 pin DIN male connector are:

There is one linked connector - 5 pin DIN female. Click here for details.

HSW310-VA Hand remote has 5 Pin male DIN Connector

Pin #	Purpose
1. Brown	LEDs for each button on remote
2. Yellow	Pin 12 of PIC16F1828
3. Red	+5v
4. Black	Ground
5. Blue	Pin 10 of PIC16F1828

For our solution, we only needed to connect our controller to the recliner using DIN connector pin 4 for a common ground and pin 5 so we can provide the digital signal to the chair. Our control box replaces the hand remote. The control box in the chair is a HHC Moto Motion CM310 L06-20201670028