

Horace – Wounded Warrior Detailed View by Bill Weis

Requirements:

1. Be able to voice control the Kensgrove-like ceiling fan in his bedroom
2. Be able to voice control his TV/Netflix/YouTube, Etc.
3. Be able to Zoom through the TV
4. Horace wanted the other three ceiling fans to operate independently
5. Be able to voice control his side of the bed

Solution – High Level:

1. We provided a voice activated controller for his bedroom ceiling fan
2. We provided an Amazon Fire TV Cube so Horace could use voice to control his TV
3. We provided a video camera that works with the Fire TV cube for Zoom calls
4. We provided a link to a YouTube video that should explain how to reprogram the other three ceiling fans by changing DIP switches
5. Horace will be the recipient of a new [Dawn House](#) bed

Details of the Solution

1 – Be able to voice control his bedroom ceiling fan – We provided a voice activated controller that allows Horace to give voice commands to turn the ceiling fan on/off, turn on the wind feature, and increase and decrease the fan speed.

2 – Be able to Voice control his TV – We provided an Amazon Fire TV Cube so Horace can control his TV by voice commands

3 – Be able to use the Zoom app on the TV – We provided a NexiGo 1080 webcam and the short USB cable which allows the camera to connect to the back of the Fire TV cube.

4 – Horace wanted the remaining three ceiling fans in the house to operate independently – The ceiling fans in the front room and other two bedrooms all turn on and off together. This is because from the factory, the DIP switches are all set the same on both the Fan and the Remote. We found a YouTube video that shows where to change the DIP switches on the Fan and on the Remote so each fan can be controlled independently. They were able to independently control the fans after reconfiguring the dip switches.

5 – Use Voice to control his bed – Horace currently has an adjustable king size bed and when his bed is adjusted for his comfort, it is not necessarily a position that his wife finds comfort in. Therefore, voice activating his current bed does not address all the requirements. An anonymous donor made it possible for Horace to receive a new [Dawn House Bed](#). This is a top-of-the-line split king full-electric adjustable bed

with many features including health monitoring, under bed lighting, anti-snore, voice control and more. This bed meets and exceeds what Horace was hoping for. To my knowledge, this is the only voice controlled adjustable bed with a hi-lo feature. I spoke with Horace the day after he received the bed and he said he slept better on the new bed than he had in a long time. Hopefully this new bed will help contribute to this wounded warrior's overall healing.

Here is the design for the ceiling fan solution

