

***George C - ALS***  
***Detailed view by Bill Weis***

Requirements:

1. Give family members the ability to activate the call nurse remotely

Solution – High Level:

1. We provided a call nurse solution which can be activated remotely

**Details of the Solution**

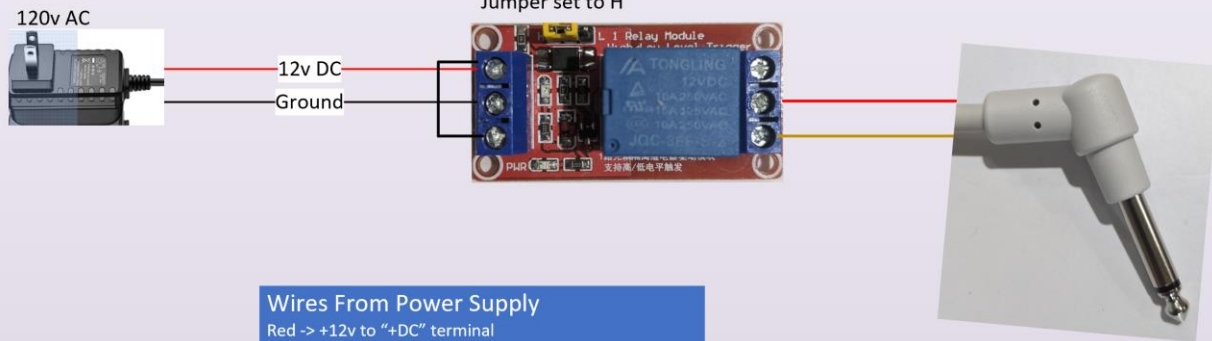
**1 – Provide a nurse call solution that can be activated remotely** – George has ALS and lives in a care facility. George can only communicate using a Tobii device and has lost the use of his hands. He has siblings that live across the US, and they can connect to the camera on his Tobii to check in on George. There are times when the nursing staff forgets to reposition the Tobii device in front of George after providing therapy which means George can no longer use his Tobii eye gaze device to communicate, and it also means that his siblings cannot connect to his camera to check in on him. Since the front desk is not always staffed at the facility, the family asked if there was a way to activate the nurse call system remotely. Our standard nurse call solution works with an Amazon smart plug and our nurse call relay box. An Alexa routine was created to perform the following actions:

- Turn on the Smart Plug
- Wait 5 seconds
- Turn off the Smart Plug

Any family member with the Alexa app on their phone can now log into George's amazon account and hit the play button on the Alexa routine for the Nurse Call function, resulting in the activation of the facility's nurse call light.

Here is a Visio diagram of the solution.

## Nurse Call Button



### Wires From Power Supply

Red -> +12v to "+DC" terminal  
Black -> Ground wire to "-DC" terminal  
Jumper wire connects "+DC" terminal to "In" terminal

### Power supply plugs into Smart Switch

Amazon Smart Switch controlled by custom routine  
Routine turn on Smart switch for 5 sec, then turns off

### Wires to Wall Connector - Phono

Red wire to relay Common terminal  
Brown wire to Relay Normally Open terminal