

# Terry Z. Project – Detailed view

By Bill Weis

## Terry Z. - ALS

### Requirements:

1. Be able to control a wireless Attendant Call button from this Tobii

### Solution – High Level:

1. We designed a microcontroller-based solution with a single relay and a 1/8" plug that would connect to his wireless Attendant Call button.

## Details of the Solution

**1 – Control his wireless Attendant Call button using his Tobii** – Terry has a [Wireless Attendant Call Transmitter Button. \(adaptivetechsolutions.com\)](http://adaptivetechsolutions.com). There are two ways that this Attendant Call device can be activated. One is with a push button as shown in the picture below. Since Terry's hand strength is diminishing due to complications from ALS, he asked if we could provide a solution that interfaced with the 1/8" connector. We also provided an executable which Terry placed on the Task Bar of his Windows 10 based Tobii so he can silently launch the Attendant Call event.

## Here is a picture of the Attendant Call button



Terry Z - Voice Activated *Attendant Call*  
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