

Receptionist Mat Instructions:

1. Build circuit per schematic shown on this sheet. Enclose circuit in a suitable electrical enclosure. No on/off switch is required.
2. Adjustments. The duration of the delay before the 'beep', and the duration of the 'beep' itself, can both be adjusted independently. Trim pot 'D' adjusts the delay before the 'beep', and trim pot 'W' adjusts the duration of the 'beep' itself.

Parts List:

- (1) Suitable enclosure
- (1) Suitable breadboard
- (1) 556 IC
- (1) 47k resistor
- (4) 100k resistor
- (2) 1M pot
- (2) 0.1 uF capacitor
- (1) 0.47 uF capacitor
- (1) 5 uF capacitor
- (1) 9 volt battery

(1) Switch mat

May be purchased from:
 McMaster - Carr
 P.O. Box 4355
 Chicago, IL 60680-4355
 (630) 833-0300
 Part # 7676K1
www.mcmaster.com

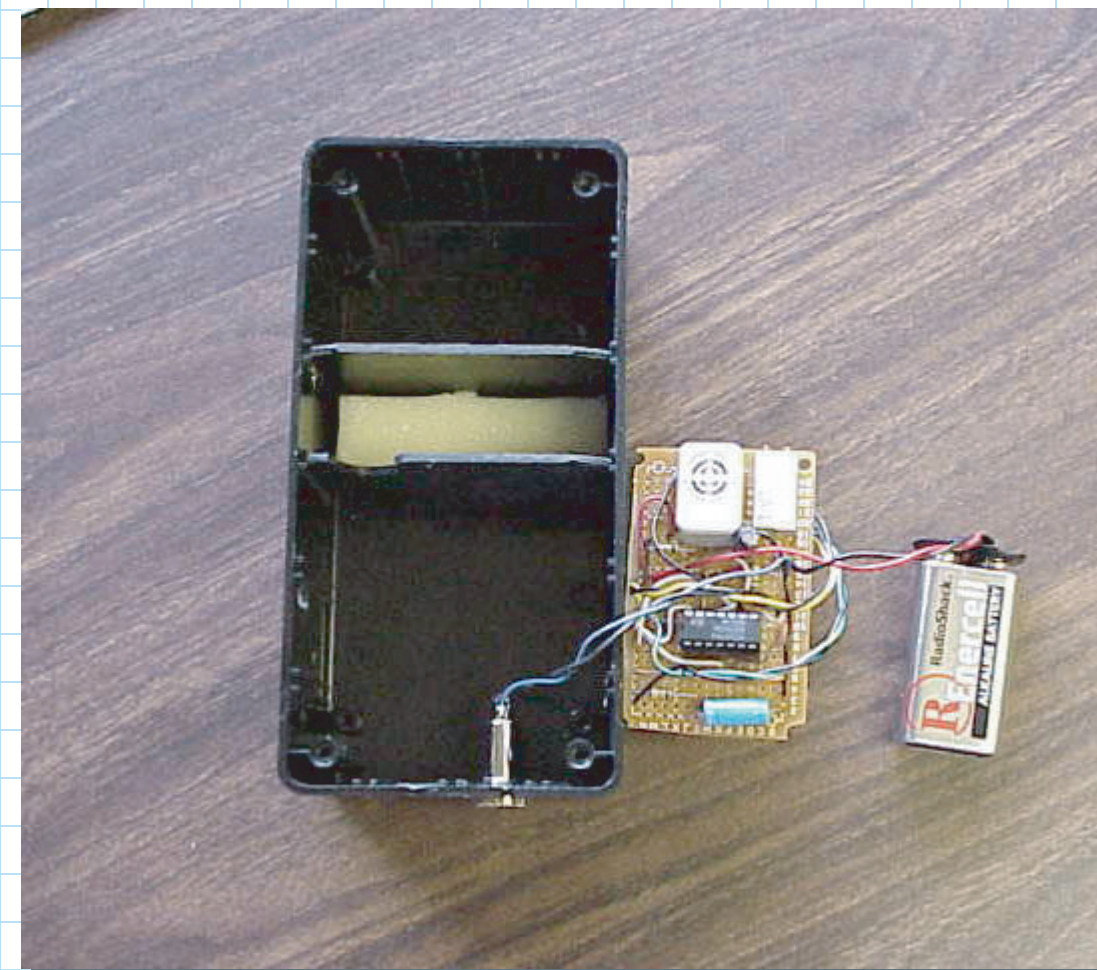
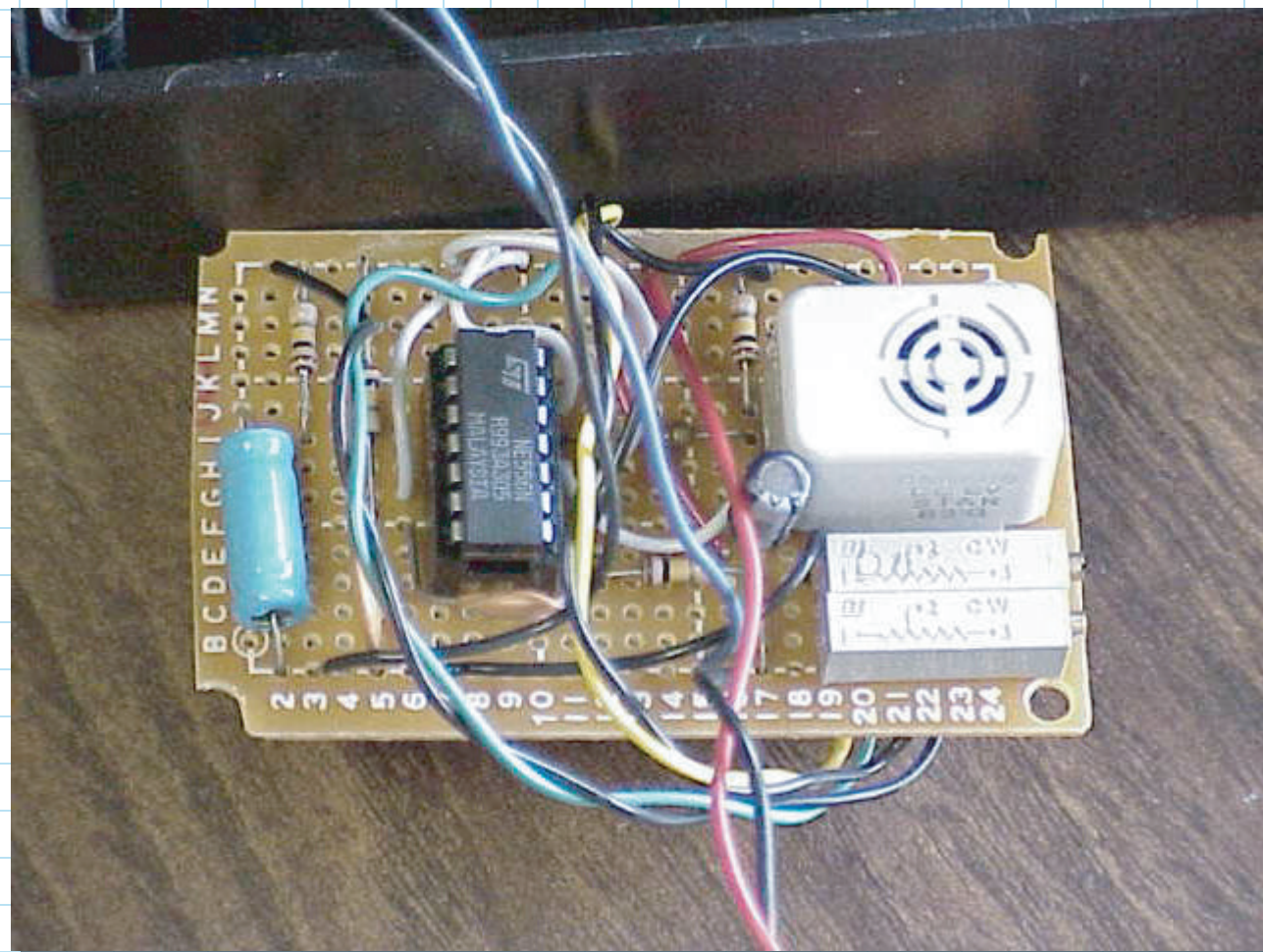
(1) Buzzer

May be purchased from:
 Star Micronics
 70-D Ethel road West
 Piscataway, NJ 08854
 (800) 782-7636 ext. 509
 Part # CMG-12
www.starmicronics.com/products/audio

Project Name: Blind Receptionist Mat

Drawing Name: Materials & Schematic
 Submitted By: J. Weisman
 Scale: Not to scale
 Date: 11.5.13

Sheet #: 1/2
 Rev: A



Project Name: Blind Receptionist Mat

Drawing Name: Photo's of Electronics

Submitted By: J. Weisman

Scale: Not to scale

Date: 11.5.13

Sheet #: 2/2

Rev: A