

## Security Designed for Your Peace of Mind

### Parts List & Instructions for Assembly & Installation of 007 SYSTEMS SAC100 with Viking W-1000 Door Station

#### Parts List:

- |  |   |
|--|---|
| (1) SAC100 Console                                       | (2) Black Metal Clip Nuts                         |
| (1) RIB100 4"x7.5" Rough-In Metal Box                    | (2) #8 1" Stainless Steel or Brass Console Screws |
| (25") Self adhesive Sealant Foam                         | (7) 3/16" (smallest) Phillips Zinc Screws         |
| (1) HARDBAK100 (Containing parts below.)                 | (5) 3/8" Round Washers                            |
| (1) Engraved "Welcome" Name Plate (If no Camera Option.) | (2) #6 Tab washers                                |
| (1) 3.75"x3.25" Black Weather Guard Material             | (1) 4" Zip Tie                                    |
| (1) 1" Aluminum Standoff                                 |   |

#### Installation Instructions:

1. Please place front of console face down on protective foam to keep from scratching surface.
2. Detach the wires from the call switch on the W-1000.
3. Pull the microphone and tube off of the plastic microphone mount.
4. Remove speaker, microphone, microphone plastic plate and circuit board from the W-1000. (Keep (2) 1/4" screws from circuit board.)
5. Install our call switch in hole at bottom of SAC and tighten nut. (If your using an illuminated switch, please rotate the switch so the #1 & #3 terminals are on top.)
6. Place weather guard material on the back of the console taking care to cover all of the grill holes of the SAC as shown in [Image 1](#).
7. Using a hot soldering iron, melt (7) holes through the material where threaded screw holes are as shown in [Image 1](#).
8. Place speaker on the weather guard material as shown in [Image 2](#).
9. Using (3) 3/16 screws (1) 3/8" Round Washer and (1) 1" standoff, screw the speaker down to material as shown in [Image 2](#). (Please make sure standoff is in bottom left position.)
10. Using (2) 3/16 screws and (2) 3/8 washers, fasten material down to back of console on left side of console as shown in [Image 3](#). Now were ready to modify the W-1000 plastic mic mount. You will need a 9/64" drill bit and metal cutters. [Image 4](#) (The idea here is to cut the plastic in a shape so it will fit above the speaker and position the small microphone hole on the plastic microphone mount through the metal grill as shown in [Image 7](#).) This will allow sound to go through SAC grill to the small hole on the microphone mount which will then be picked up with the microphone mounted in the tube.
11. Using the metal cutters, cut the W-1000 plastic microphone mount as shown in [Image 5](#). (Please note not to cut too much off of the plastic microphone mount. It is better to make it too big and trim it down as you go.)
12. Drill a 9/64" mounting hole. To drill the hole in the right spot we need to mark where we are going to drill our mount hole.
  - A. Pull the mesh material back from the metal grill above the speaker. As shown in [Image 6](#)
  - B. Align the microphone mount hole with the tallest grill opening in the middle of the SAC as shown with the left arrow in [Image 6](#)
  - C. Scribe a point on the top of the mic mount where the SAC screw hole lines up with the plastic as shown with the middle arrow in [Image 6](#)
  - D. Drill the 9/64" hole where you marked it, also lining it's center with the center on the mic mount tube. The result should look like [Image 5](#)

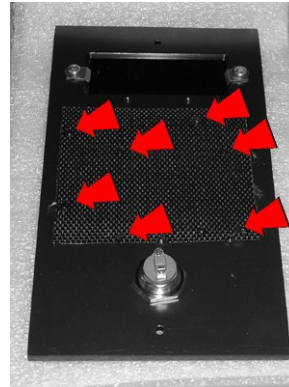


Image 1

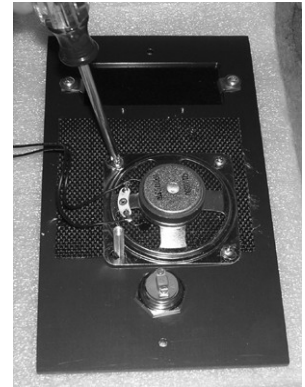


Image 2

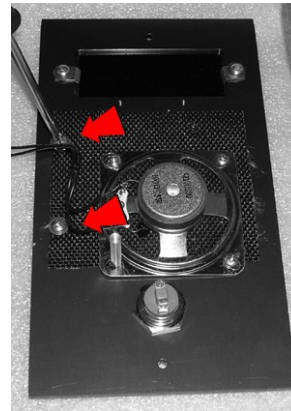


Image 3



Image 4



Image 5

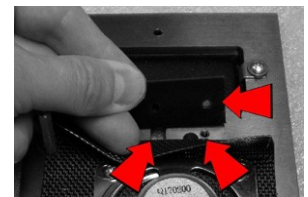


Image 6

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13. Using (1) 1/4" screw from original W-1000, screw the plastic microphone mount down to the SAC as shown in Image 7.  
 Make sure that the small microphone hole is centered in the SAC grill.
14. Attach the mic and mic tube to the plastic mic mount as shown in Image 8.
15. Screw circuit board down to the standoff using (1) 1/4 screw (from original W-1000) as shown in Image 9.  
 If using an illuminated switch, please skip to step #17
16. Strip and screw switch wires from circuit board to stainless steel switch as shown in Image 10 & 11.  
 Please skip to step #19
17. If your using an illuminated switch, first make sure the orientation of the illuminated switch matches Image 12. The switch has writing on the back. It is hard to see but there.  
 Then attach the terminals of the wires that you removed from the original switch to terminals #3 & #4 of the illuminated switch. (Polarity does not matter.)  
 Refer to Image 12
18. The 12VDC power supply can then be attached using the included wire terminals to terminals + & - on the illuminated switch.  
 Refer to Image 12  
 (Do not reverse the polarity on this switch as it will blow out the illuminated part of the switch and voiding the warranty.)
19. Using (1) zip tie, attach the loose wires to the stand off so they are not loose.  
 Attach the wires from the controller to the screw terminal on the W-1000's circuit board as per controller directions as shown in Image 13.  
 Be sure not to put too much pressure on the W-100 circuit board when tightening and loosening the screw terminals.  
 Cracking the circuit board will void the warranty.
20. Using (2) #6 tab washers, (2) 3/8 round washers, (2) 3/16" screws and (1) welcome name plate. Place the name plate in the window making sure that the welcome is upright through the front. Then fasten the plate down with the tab washers, washers and screws as shown in the top of Image 7 & 13

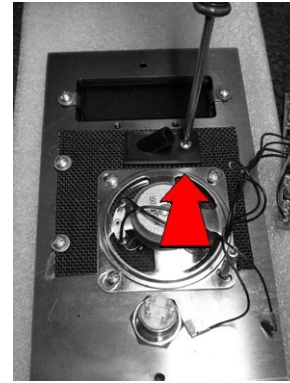


Image 7

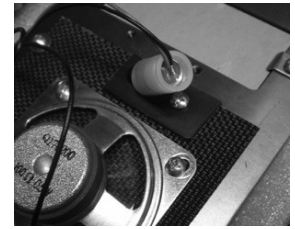


Image 8

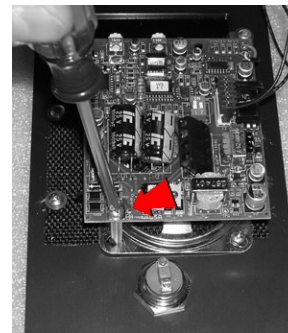


Image 9

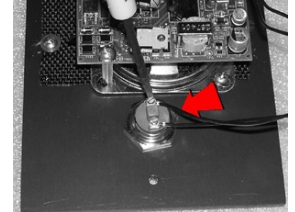


Image 10

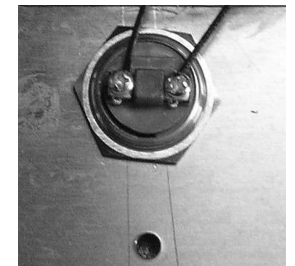


Image 11



Image 12



Image 13

You are done with the installation of the Viking W-1000 door station into your SAC100.  
 U.S. Patent #7,124,656