

# Installation Manual

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## SAFE-AN-1002 Remote Annunciator



# What's Included

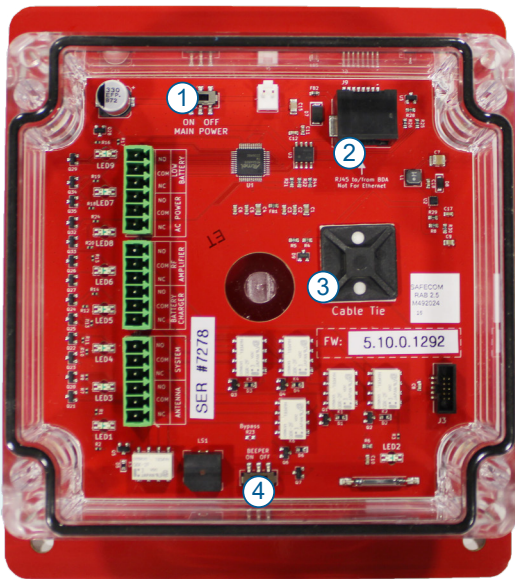
- 1x assembly cover (with front face plate and backside main board)
- 1x rear enclosure box
- 3x terminal connectors

## What's Not Included

- Zip ties
- Mounting screws

## Assembly Cover Backside (Main Board)

- ① Main power switch
- ② RJ-45 cable slot
- ③ Cable tie anchor
- ④ Beeper switch



## Rear Enclosure Box

- ① Mounting holes (for flat mounting)
- ② Cable grip



# Mounting

Your system's BDA or head-end should be installed before installing/connecting the annunciator.

## If Flush Mounting

1. Insert the RJ-45 cable (originating from the BDA) through the black cable grip on the bottom of the rear enclosure box. Do not tighten the cable grip.
2. Make sure the main power switch on the assembly cover is in the OFF position. Plug the RJ-45 cable into the slot on the back of the assembly cover.
3. Insert a cable tie into the cable tie anchor on the assembly cover (main board). Tighten the cable tie around the cable and trim excess.
4. On the BDA, flip the #8 DIP switch to the ON position (if it isn't already) to enable the annunciator port.
5. Flip the power switch on the assembly cover (main board) to ON and verify all LED lights turn on.
6. Connect the assembly cover to the rear enclosure box and tighten the 4 captive screws on the faceplate.
7. Tighten the cable grip.
8. Mount the assembled unit in the designated location utilizing the outer 4 holes on the faceplate. Use screws of your choice.
9. Test the alarms to ensure proper connection (see Testing & Silencing section).
10. Test the assembled unit in accordance with NFPA 72/1221/1225 standards and local AHJ requirements.

## If Flat Mounting

1. Install the rear enclosure box in your desired location. The mounting holes are located in each inside corner of the box; secure with screws that have a < 7mm diameter head size.
2. Insert the RJ-45 cable (originating from the BDA) through the black cable grip on the bottom of the rear enclosure box. Do not tighten the cable grip.
3. Make sure the main power switch on the assembly cover is in the OFF position. Plug the RJ-45 cable into the slot on the back of the assembly cover.
4. Insert a cable tie into the cable tie anchor on the assembly cover (main board). Tighten the cable tie around the cable and trim excess.
5. On the BDA, flip the #8 DIP switch to the ON position (if it isn't already) to enable the annunciator port.
6. Flip the power switch on the assembly cover (main board) to ON and verify all LED lights turn on.
7. Connect the assembly cover to the rear enclosure box and tighten the 4 captive screws on the faceplate.
8. Tighten the cable tie grip.
9. Test the alarms to ensure proper connection (see Testing & Silencing section).
10. Test the assembled unit in accordance with NFPA 72/1221/1225 standards and local AHJ requirements.

## For Additional Annunciators

Adding an additional annunciator to your system, repeat the steps above; however, to enable the second annunciator port on the BDA, flip DIP switch # 7 (found on the front panel of the BDA) to the UP position.

## Testing LEDs and Alarms

- To perform a test of the alarm LEDs, swipe the magnet (provided) over the magnet box on the face plate for no more than 2 seconds.
- The Annunciator detects the magnet if the green LED just above the magnet box lights up.
- The alarm LEDs will cycle through their 2 colors, indicating they are working properly.

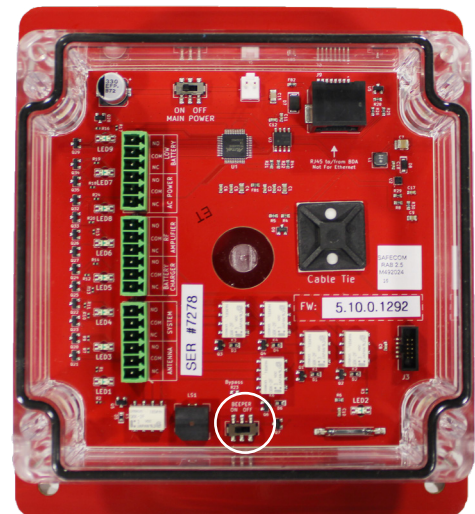
To silence the alarm, hold the magnet over the magnet box on the face plate for at least 5 seconds or until a chirp is heard. The annunciator must detect the magnet for the entire time, as indicated by the green LED just above the magnet box.



## Disabling the Beeper

**Note:** This should only be done during system maintenance or repair. Do not turn off the beeper for an operational system and only do this in accordance with NFPA 72/1221/1225 standards and local AHJ requirements.

On the lower portion of the rear of the assembly cover (main board), the beeper can be disabled by flipping the switch labeled BEEPER to the OFF position.





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