GFP-BB-RA for ACM-30
Product Installation Document

PN LS10425-000GF-E:A 02/12/2026 ECN: 00068191

1 Installation Overview

The GFP-BB-RA is a surface-mount enclosure designed for the ACM-30 annunciator (*Figure 1*). For new installations, this enclosure can be used as provided. For retrofit applications where an E3BB-BAA1 enclosure with an ASM-16 is present, the existing front cover and inner plate (used for ASM-16) must be removed and replaced with the front cover and inner plate supplied with the GFP-BB-RA. This allows for a streamlined upgrade to ACM-30 without extensive modifications and ensures a simple and efficient retrofit process. Note that the ACM-30 annunciator must be ordered separately.

NOTE: In this document, references to GFP-BB-RA (black door) also refer to GFP-BB-RAR (red door). References to ACM-30 (black door) also refer to ACM-30W (white door).

This document provides detailed installation instructions for a new or retrofit installation, and should be used in conjunction with the ACM-30 Installation Manual (LS10238-000GE-E).

- *Section 2* describes installing ACM-30 in a new GFP-BB-RA enclosure.
- *Section 3* describes retrofitting ACM-30 in an existing E3BB-BAA1 backbox.

NOTE: Consult the ACM-30 Annunciator Instruction Manual for detailed information. (See *Table 2, "Related Documentation"*.

.



Figure 1: GFP-BB-RA for ACM-30

CAUTION: STATIC SENSITIVE EQUIPMENT

THIS EQUIPMENT IS SENSITIVE TO STATIC ELECTRICITY. IT MAY BE DAMAGED IF NOT PROPERLY HANDLED. TRANSPORT AND STORE THIS UNIT IN A STATIC-SHIELDING BAG. FAILURE TO OBSERVE THIS REQUIREMENT COULD CAUSE LATENT DAMAGE TO THE EQUIPMENT WHICH MIGHT NOT MANIFEST ITSELF UNTIL AFTER THE EQUIPMENT IS PLACED IN SERVICE.

NOTE: Consult the ACM-30 Annunciator Instruction Manual for detailed information. (See *Table 2, "Related Documentation"*.)

Table 1: GFP-BB-RA Enclosure Assembly

Item	Description	Qty
1	GFP-BB-RA Enclosure	1
2	Screws, BHBHD, BLK, #6-32 x 3/8"	8
3	Nuts, Hex KEPS, #6-32	8
4	GFP-BB-RA for ACM-30 Installation Document	1

NOTE: The ACM-30 Annunciator is not included with the GFP-BB-RA enclosure.

2 New Installation: ACM-30 in GFP-BB-RA

1. Open the GFP-BB-RA door and loosen the two captive screws that secure the dress plate to the backbox.
2. Open the dress plate and align the two (2) threaded PEM studs with the ACM-30 center mounting holes (*Figure 2*).
3. Align the grounding wire eyelet with the top PEM stud, then secure the grounding wire and the ACM-30 to the dress plate with two (2) #6-32 KEPS nuts.
4. The ACM-30 is now ready for setup and configuration. Refer to the ACM-30 Annunciator Instruction Manual and follow the procedures to ground, make power/communication connections, and program the device.

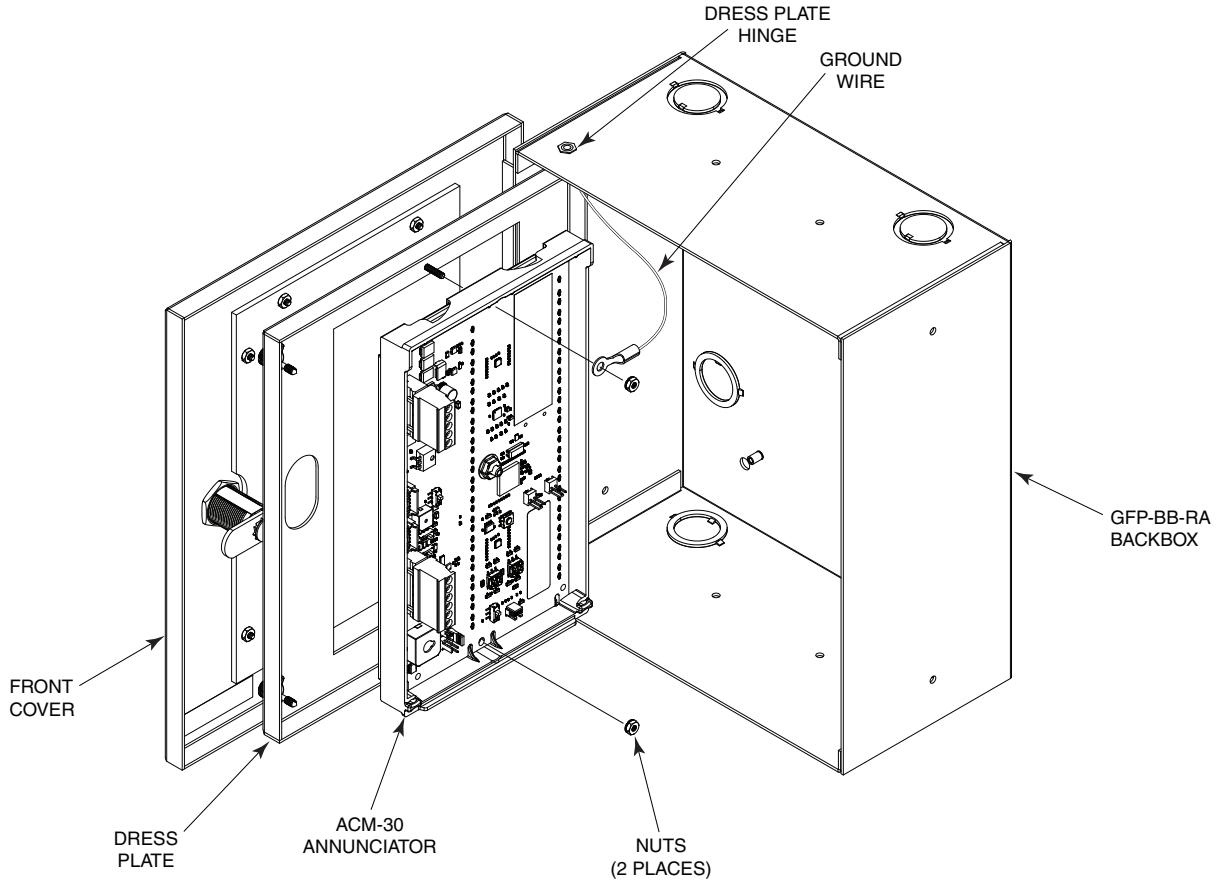


Figure 2: Installing ACM-30 in GFP-BB-RA

NOTE: Refer to your ACM-30 Instruction Manual for procedures to ground, make power/communication connections, and program the device.

3 ACM-30 Installation in Existing Backbox

This retrofit installation retains the existing E3BB-BAA1 backbox and wiring, while replacing its cover and dress plate with a new cover and dress plate from the GFP-BB-RA. This allows the existing backbox to accommodate the new ACM-30 annunciator (*Figure 3*).

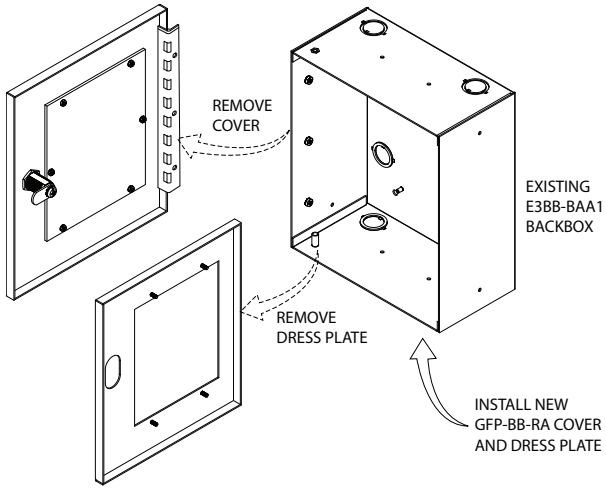


Figure 3: Prepare Existing Backbox

Remove the Legacy Annunciator

1. Open existing E3BB-BAA1 front cover and loosen two captive screws that secure the dress plate to the backbox.
2. Open dress plate and disconnect the wiring from the legacy ASM-16 annunciator. Then loosen nuts and remove the annunciator.

Prepare Existing Backbox

3. Remove screw and wiring from upper hinge of dress plate; remove lower screw and spacer from lower hinge. Reserve screws, spacer, and ground wire; set aside. Remove dress plate, which may be discarded. (This dress plate will not be used.)
4. Remove and reserve the three (3) #6-32 KEPS nuts from front cover hinge. Remove cover, which may be discarded. (Cover will not be used.

Attach New Cover and Dress Plate

5. Open the new GFP-BB-RA cover and loosen the two captive screws that secure the dress plate to the backbox.
6. Open the dress plate and remove the screw and wiring from the upper hinge of the dress plate. Then remove the lower screw and spacer from the lower hinge. Remove the dress plate; the lower screw and spacer may be replaced if desired. (Dress plate will be reused for this retro installation.)
7. Remove and reserve the three (3) 6-32 KEPS nuts from the front cover hinge. Remove the door and set aside. The front cover will be reused in this retrofit installation.
8. Attach the new cover to the existing backbox with the three (3) 6-32 KEPS nuts.
9. Slide the new dress plate onto the hinge posts in the existing backbox. Position the ground wire on the top post, then set the two hinge screws to secure the dress plate to the back box.

Mount ACM-30 to Dress Plate

10. Open dress plate and align the two (2) threaded PEM studs with ACM-30 center mounting holes, as shown in *Figure 4*.
11. Align ground wire eyelet with top PEM stud, then secure wire and ACM-30 to dress plate with two (2) #6-32 KEPS nuts.
12. The ACM-30 is now ready for setup and configuration. Refer to the ACM-30 Annunciator Instruction Manual and follow the procedures to ground, make power/communication connections, and program the device.

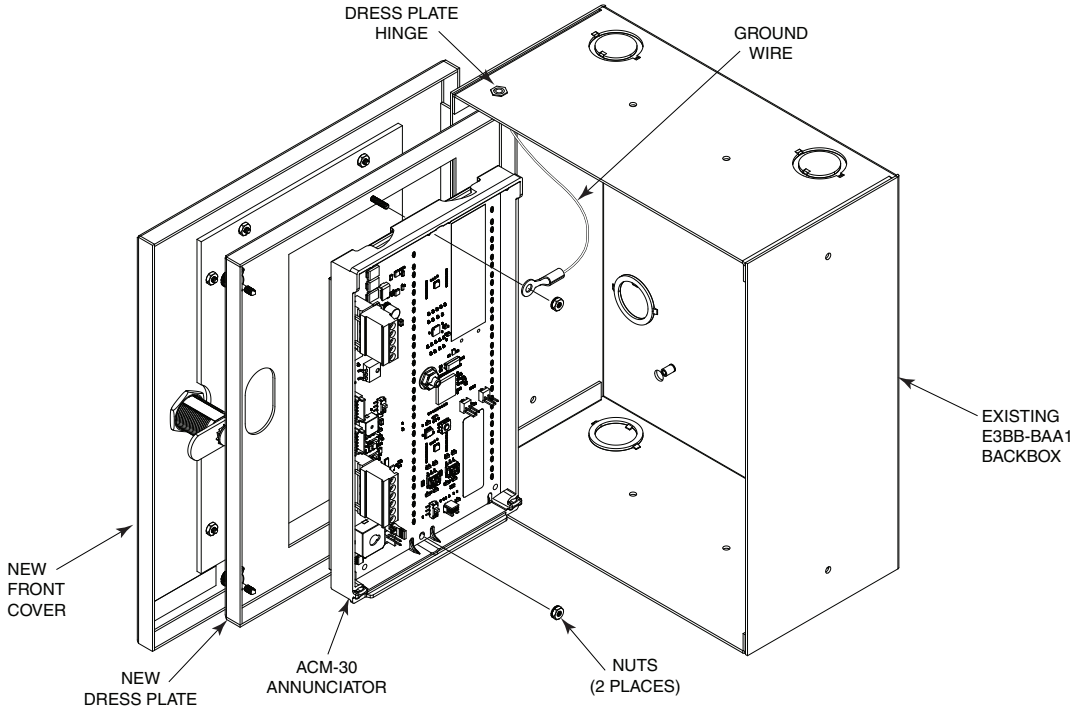


Figure 4: GFP-BB-RA Installation in Existing Backbox

NOTE: Refer to your ACM-30 Instruction Manual for procedures to ground, make power/communication connections, and program the device.

4 Related Documentation

The *Table 2* lists the UL-Controlled documentation associated with the procedures in this document. For this and other installation instructions on enclosures, wiring and specifications, download the relevant UL-Controlled document(s) from the ESD link on the Honeywell Gamewell-FCI website at *www.gamewell-fci-esd.com*.

Table 2: Related Documentation

Product Document Name	Part/Document Number
ACM-30 Annunciator Installation Manual	LS10238-000GE-E