



**ALARM LOCK**  
345 Bayview Avenue  
Amityville, New York 11701  
CALL TOLL FREE: 800-ALA-LOCK  
(800) 252-5625

# MODEL AC9 BATTERY ELIMINATOR INSTALLATION INSTRUCTIONS

P5352B 7/98

## FEATURES

1. Red "Power On" LED indicator.
2. Supplies regulated 9VDC at 250 milli-amps maximum.
3. Input voltage 105-125VAC 60 Hz. to plug-in transformer.
4. Automatic current limit and thermal overload protection.
5. Switch over to battery: Automatic on AC input failure.
6. Provides power for the following models:
  - A. Model 250/260 series - Electronic Panic Locks
  - B. Model 700/710 series - Electronic Panic Locks with Bar and Channel
  - C. Model PG-20 series - Exit Door Alarm
  - D. Any other unit requiring 9VDC at 250 milli-amps or less.

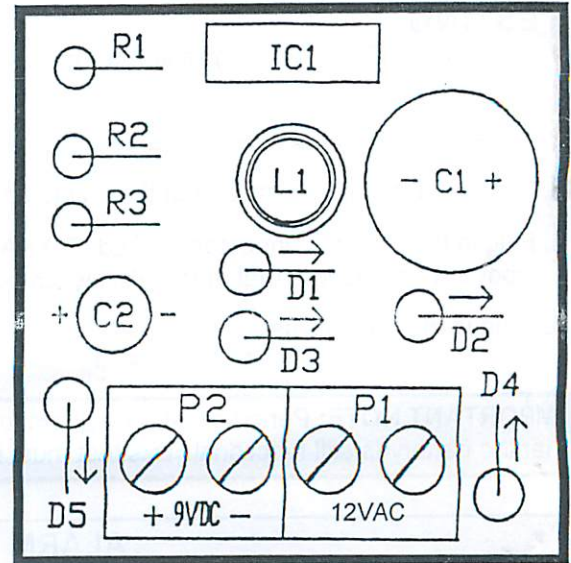


FIG. 1

## INSTALLATION

1. Select a suitable location for the base of the AC9 on the hinge side of the door and mount it to the wall using the two #10 3/4 screws provided.
2. A 2 conductor 22 AWG cable is needed to connect the AC9 to a unit mounted on the door (Max length 10 ft.). Two methods of bringing electric current from the hinge side of the door frame to the door are as follows:
  - A. Using the Armored Door Loop Model 271 by disconnecting one of the end boxes of the 271 and inserting the loose end of the armored cable into the 1/2" hole on the AC9 base and securing it with the retaining clip.
  - B. Using a continuous conductor hinge with flying leads.
3. Connect one end of the 2 conductor cable to the AC9 terminal strip marked "+ 9VDC -" (see figure 1). Note which wire is positive and which is negative.
4. The other end of the cable is run through the door to the unit to be powered.
  - A. Models 250/260 and 700/710 have 3/8" holes in their baseplates, near the battery to give wiring access to the units.
  - B. The Model PG-20 has a 3/8" knockout hole in its baseplate for wiring access.

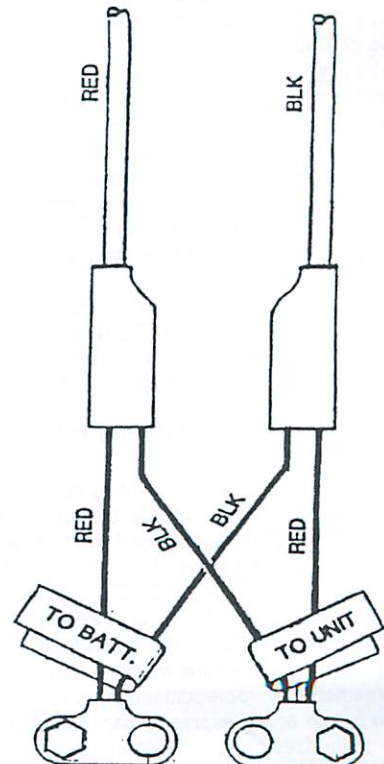


FIG. 2

5. Using the two (2) wire splices provided connect the battery connector (see figure 2) to the two wires coming through the door to the unit as follows:
  - A. Red to Positive
  - B. Black to Negative
6. Connect one end of another 2 conductor 22 AWG cable to the AC9 terminal strip marked 12VAC (see figure 1) and the other end to the 12VAC 20VA transformer provided. (Max length 10').
7. Install the AC9 cover using the three (3) screws #6 X 3/8" provided.

## TESTING

1. Plug in the 12VAC 20VA transformer into a continuous 115VAC source and note the Red "Power On" LED Indicator is lit!
2. Plug in the battery connector marked "TO UNIT" into the battery plug of the unit.
3. Check out the alarm function of the unit to ensure that power is being provided.
4. Plug in the battery connector marked "TO BATT" into the battery of the unit and unplug the transformer. Repeat test "3" above. This ensures that automatic switch over to battery is functioning.
5. Plug in the transformer.

**IMPORTANT NOTE:** Periodic test - the alarm function should be tested at least once per month by the end user to ensure that the battery is still functional. This test must be done with the transformer disconnected.

## ALARM LOCK LIMITED WARRANTY

ALARM LOCK Systems, Inc. (ALARM LOCK) warrants its products to be free from manufacturing defects in materials and workmanship for *twelve months* following the date of manufacture. ALARM LOCK will, within said period, at its option, repair or replace any product failing to operate, without charge to the original purchaser or user.

In case of defect, contact the security professional or locksmith who installed and maintains your security system. In order to exercise the warranty, the product must be returned by the security professional or locksmith, shipping costs prepaid and insured to ALARM LOCK. After repair or replacement, ALARM LOCK assumes the cost of returning products under warranty. ALARM LOCK shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. ALARM LOCK will not be responsible for any dismantling, reassembly or reinstallation charges.

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In no event shall ALARM LOCK be liable for an amount in excess of

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**ALARM LOCK RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.**

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