
Access Control System - Low Powered Prox

patent pending



In or Out... we make it Easy!

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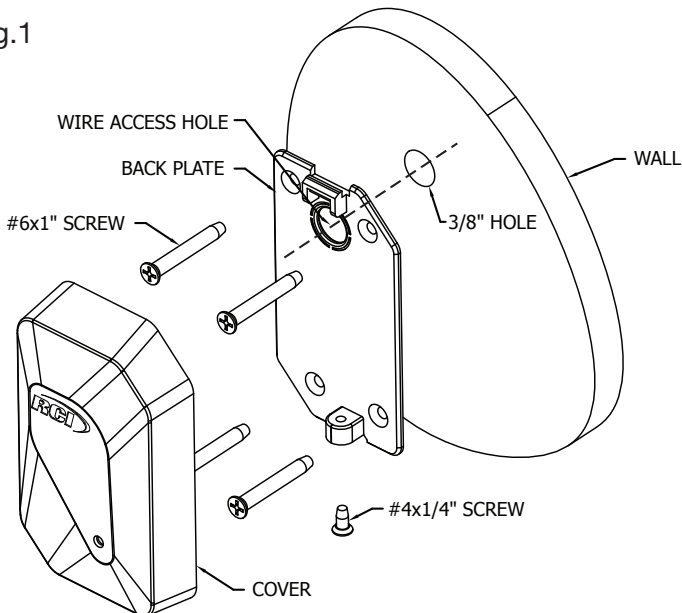
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Installing the Proximity Reader (See Fig. 1.)

1. Select appropriate space on wall on unsecured side of door for reader installation. Ensure that there are no hidden electrical hazards prior to drilling.
2. Drill 3/8" hole for reader cable to pass through.
3. Remove cover from proximity reader. Cover is removed by prying off from the bottom of cover only.
4. Pass the reader cables through wire access hole.
5. Hold reader back plate against wall with wire access hole at top, mark position of four mounting and wire access holes.
6. Secure reader back plate with 4-#6 x 1" screws.
7. Connect cable to proximity reader PCB. (See Fig. 3.)
8. Install emergency battery connector into housing. Ensure contacts do not contact the PCB or the antenna as it can significantly impact read range.
9. Attach cover by engaging top tab and pivoting cover down over reader. Cover should sit flush against wall when installed properly.
10. Cover is secured with single screw (#4 x 1/4" screw provided) on bottom face of cover.
11. When installing in external applications, ensure reader is properly protected from extreme environmental conditions.

NOTE: The control unit/battery holder must be mounted indoors.

Fig.1



ACS-LPP Access Control System Low Powered Prox Installation Instructions (Continued)

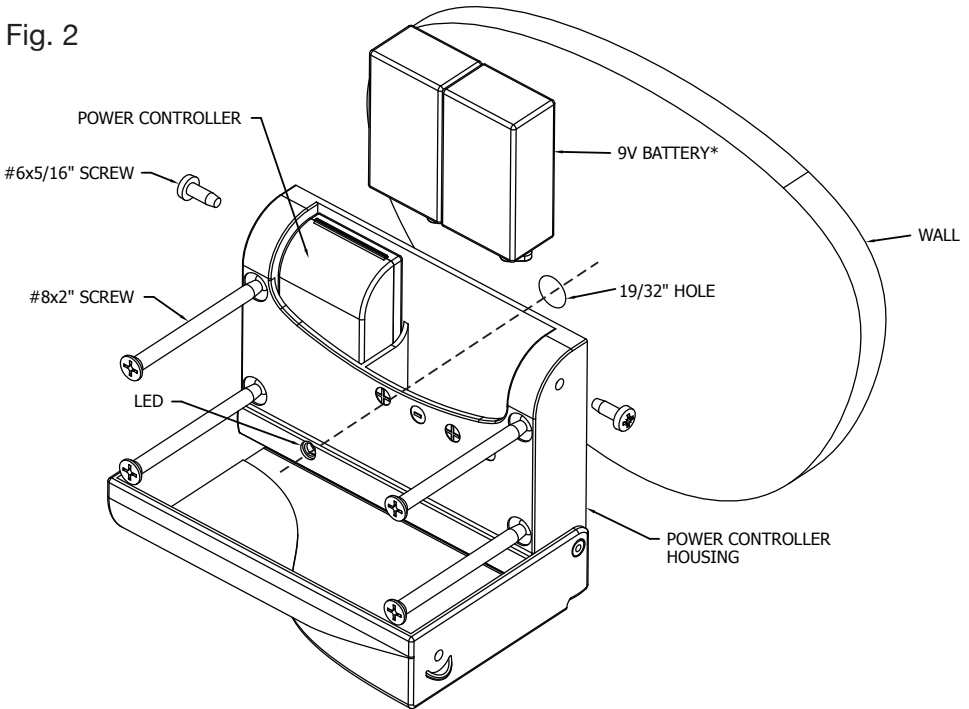
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Installing the Power Controller (See Fig. 2.)

1. Select appropriate space on wall on secured side of door for the controller installation. Ensure that there are no hidden electrical hazards prior to drilling.
2. Drill 19/32" hole for the controller cables to pass through.
3. Fish cable through access hole and make electrical connections according to wiring diagram (see Fig.3)
4. Mount the controller using 4 - #8 x 2" screws provided.
5. Install 2 - 9 volt batteries* in correct polarity (see + and - on front face of battery component)
NOTE: For 12 VDC wired operation, please contact Tech Support.
6. Install 2 - #6 x 5/16" screws provided on each side of Main Control Box to prevent tampering.

*Batteries are not covered under warranty and any included batteries may not provide full operational life. To ensure full operational life, please install a new set of batteries.

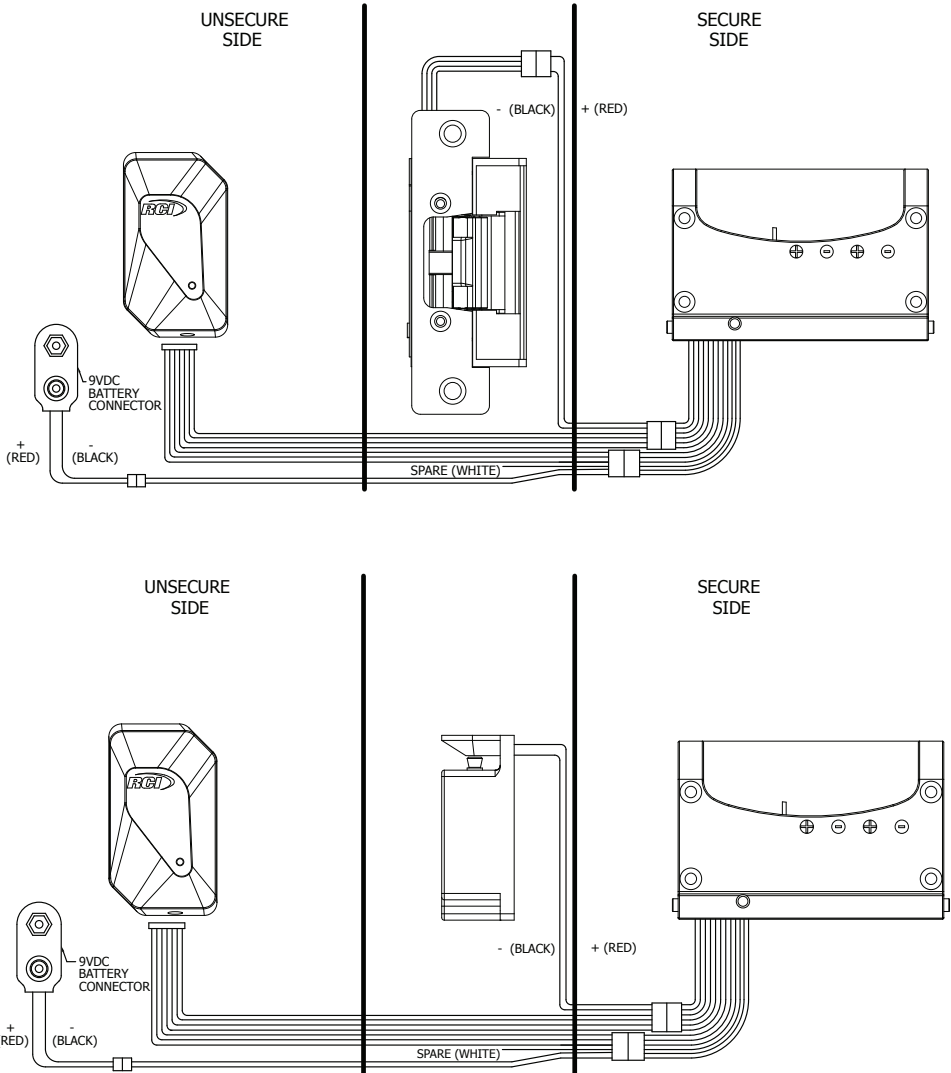
Fig. 2



ACS-LPP Access Control System Low Powered Prox Installation Instructions (Continued)

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Fig. 3



Programming Instructions

Add and Delete function cards have been initiated at factory.

To Add User Card:

(Reader operates using RCI user cards.)

1. Present the "Add" card to enter the "add" mode (single LED flash and beep)
2. Present the user card to be added (single LED flash and beep)
3. Write the user's name on shadow card
4. Present shadow card (double LED flash and beep)
5. File the shadow card in a safe place, the user card is now programmed.
6. Steps 2-5 can be repeated to add multiple user/shadow cards.
7. After 10 seconds a double LED flash and beep will occur to indicate the controller is back in normal mode.

To Delete User Card:

1. Present the "Delete" card to enter the "delete" mode (double LED flash and beep)
2. Present the user card or shadow card to be deleted (single LED flash and beep)
3. Repeat step 2 to delete multiple cards.
4. After 10 seconds a double LED flash and beep will occur to indicate the controller is back in normal mode.

Low Battery:

When a valid user card is presented to proximity reader, if a low battery condition is detected the reader will indicate with 3 rapid LED flashes and beeps.

When new batteries are installed, present valid user card two times to initialize new batteries.

Dead Battery:

1. If batteries are dead, remove proximity reader cover plate. Connect 9 volt battery to battery harness located inside reader cavity.
2. Present valid user card to unlock door.
3. Immediately replace batteries in control box.
4. Present valid user card two times to initialize new batteries.

NOTE: We recommend to replace batteries annually.

Factory Reset:

Performing factory reset will ERASE all currently enrolled Add, Delete and user cards. A factory reset should only be done as a last resort after all other trouble shooting attempts were unsuccessful.

To perform a factory reset present Delete card 6 times. 1st beeps twice. 2nd, 3rd, 4th, 5th, beep once each time. 6th beeps 6 times indicating reset.

The first card presented to the reader is the Add card. Reader will beep once.

The second card presented to the reader is the Delete card. Reader will beep twice.

NOTE: It is possible to use 1 set of Add/Delete cards if working with multiple readers/controllers.

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Card Identification:

If the cards have been mixed up they can be identified. Present the card to the reader and listen for the audible tone. Add card will beep once. Delete card will beep twice. Shadow card will buzz. User card will beep once and unlock the door. Blank cards will also buzz.

NOTE:


1. If shadow cards are not identified to a specific user card, lost or stolen user cards cannot be deleted.
2. When attempting to identify cards, allow sufficient time between cards (10-11 seconds) for reader to reset.
3. 1 set of Add and Delete cards can be used for multiple readers. Each reader will need to be reset and initialized with new Add and Delete cards.

User List

Please visit our website to download the complete printer-friendly ACS-LPP User List:
www.rutherfordcontrols.com/en/support/access-control-systems

ACS - LPP User List

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RCI
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Example

Facility Name							Door Descriptions							
Access Control Manager							Door 1	Door 2	Door 3	Door 4	Door 5	Door 6	Door 7	Door 8
							322111	291166	234507	988809	236665	478656		
							325633	599632	235598	549988	111223	886699		
							Entrance	Lobby	Job's Office	Leads Office	Ben's Office	Storage Closet		
Card Holder	User Card or Fob Number	Shadow Card or Fob Number	Date Issued	Date Returned	"Key" Issued/ Symbol									
1 John Smith	123456	654321	6/1/2013				✓	✓	✓				✓	

Enter the serial number shown on the access control card.

Optional field to be used if key(s) are issued in addition to access control card or fob.

Clearly identify each door. It is important to record the Add and Delete card numbers and which users have been assigned access for each door.

User List

Facility Name							Door Descriptions							
Access Control Manager							Door 1	Door 2	Door 3	Door 4	Door 5	Door 6	Door 7	Door 8

For Technical Support:
1-800-265-6630 or 519-621-7651 | rutherfordcontrols.com