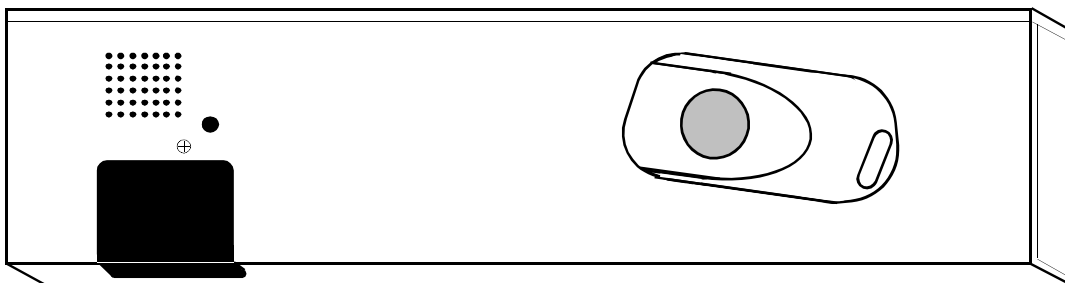




RR-PM1200 OPERATING AND PROGRAMMING GUIDE



INTRODUCTION

The Alarm Lock Remote Release PowerMag is an innovative 1200 lb. electromagnetic locking system with infrared remote control(s). The Alarm Lock System (model RRPM1200PAK) offers the security of a mag and the convenience of pocket-size infrared keyfobs for management, staff or receptionists—up to 100 individual remote controls (part no. AL-REMOTE) are supported! These lithium-battery powered remote controls can release the mag from either side of the door and feature easy single button operation.

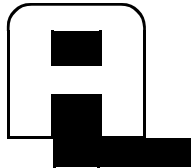
This guide contains important information regarding the RR-PM1200 system, including the programming and maintenance of the system database. It will cover the enrolling of new AL-REMOTE keyfobs into the system, as well as the deletion of keyfobs from the system.

Read it carefully and keep it handy for future reference.

Be sure to review the Advanced Features section for an explanation of important features that may be unfamiliar to you.

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ALARM LOCK

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The AL-REMOTE KeyFob

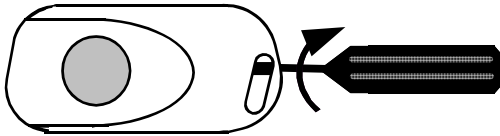
The AL-REMOTE KeyFob is a dual infrared element device which transmits a digitally encoded infrared signal to the Power Mag. The operational range of the KeyFob is a minimum of 35 feet from the Power Mag. When used from the protected side of the door (inside), aiming the KeyFob in the general direction of the Power Mag is sufficient. However, if using the supplied light pipe to allow access from the outside, the KeyFob must be aimed at the light pipe in order to activate the Power Mag. While the KeyFob is water resistant, it should never be submersed in water.

Replacing the AL-REMOTE KeyFob batteries

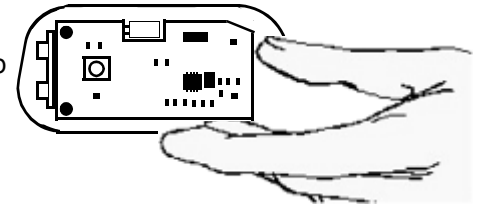
An indication that the batteries inside the KeyFob are low and must be replaced will be a noticeable decrease in the effective range of the KeyFob. For example, if the KeyFob range is typically 35 feet and it falls to 20 feet, this is an indication that the batteries should be replaced.

Following is the procedure for replacing the KeyFob batteries. The replacement battery is a Duracell model DL2032 (2 required). *Warning: Replace batteries only with the same type as specified above. Use of another battery may present a risk of fire or explosion. Do not recharge or disassemble battery, or dispose of in fire.*

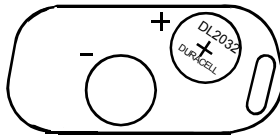
1 Insert flat blade screwdriver into the slot between the key ring loops and gently twist until the case pops open.



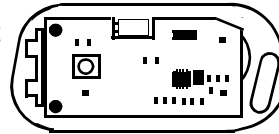
2 Gently lift circuit board from KeyFob base to expose the battery compartment.



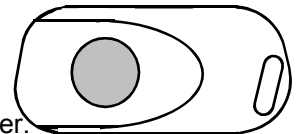
3 Remove old batteries. Observing polarity (+ / -), insert new batteries.



4 Place circuit board back into base over new batteries.



5 Align top of housing to base and snap together.






Programming the RR-PM1200

There are 2 modes of programming KeyFobs into the PM1200 data base. First, on initial power up the system automatically enters the Initial KeyFob Programming mode and will sequentially enroll any activated KeyFobs into the KeyFob database. The first KeyFob will be stored as 00 and the second as 01, up to the maximum of 99. The second method, Advanced Programming, is used for enrolling and deleting KeyFobs from an existing lock database. A 16 position rotary switch and a push button located on the circuit board in the wiring bay of the Power Mag are used for advanced programming.

Initial KeyFob Programming

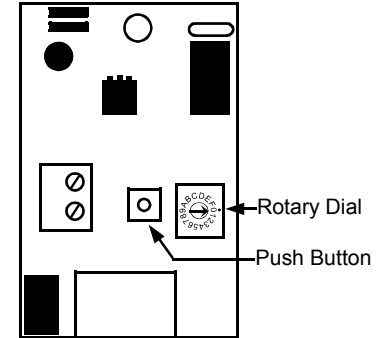
	Action	LED Response	Sounder Response	Comments
1	Power Up new Lock	Slow Flash	BEEP	Auto program mode entered.
2	Wait a few seconds	Rapid Flash		Ready to enroll first KeyFob.
3	Aim KeyFob at Mag lock and press and hold button.	Solid light	3 BEEPS	KeyFob enrolled as KeyFob 00
4	Release button.	Rapid Flash		Ready to enroll next KeyFob
Repeat steps 3 and 4 to enroll additional KeyFobs which will be sequentially stored in database (01, 02, 03, 04...)				
	When done, press and hold PGM button for 5 seconds.	Solid light if door is closed & locked	BEEPLONG BEEP	Exit Program Mode.

-  You MUST program at least one KeyFob into the Power Mag database in order for the lock to function properly. The PM1200 will NOT function as a stand-alone Power Mag if not programmed.
-  5 steady beeps indicate that you are about to program a KeyFob over a KeyFob which is currently enrolled.
-  5 beeps ending with a low note indicate that a programming error has occurred.

Advanced Programming


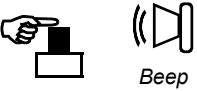

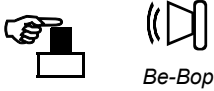
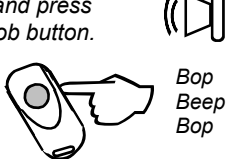

Once the Initial KeyFob enrollment has been completed, the Advanced Program Mode is used for subsequent programming of KeyFobs into the system. Advanced Programming is accomplished through a 16 position Rotary Dial and a push button mounted in the Power Mag wiring compartment. The Rotary Dial and Push Button are used to set the User Number to which the keyfob is to be assigned.

- Unlock Power Mag with valid KeyFob
- Open Door
- Remove Cover from Power Mag Wiring Bay
- Locate the Rotary Dial and Push Button on the Power Mag circuit board
- Press and Hold Power Mag push button until 1st beep
 - 1 Turn Switch to the number representing the 1st digit of the User Number to be learned.
 - 2 Press the circuit board Push Button (the sounder will beep).
 - 3 Turn Switch to the number representing the 2nd digit of the User Number to be learned.
 - 4 Press the circuit board Push Button (the sounder will "be-bop").
 - 5 Aim the KeyFob to be programmed at the Power Mag and press the KeyFob button.
 - The sounder will beep 3 times when accepted and the LED will light and stay lit.
 - 6 Release the KeyFob button.
 - The LED will flash rapidly if next consecutive location in database is available for next KeyFob to be enrolled, or slowly if next address is already taken
 - 7 When programming is complete, hold PGM Push button for 5 seconds to exit program mode.



Power Mag circuit board

Example: Enroll a KeyFob into location 92:

<p>1 Turn Dial to "9"</p> 	<p>2 Press Button</p> 	<p>3 Turn Dial to "2"</p> 	<p>4 Press Button</p> 	<p>5 Aim KeyFob at Power Mag and press KeyFob button.</p> 	<p>6 Release KeyFob button.</p> 
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Sequentially Programming Additional KeyFobs

Once a KeyFob is programmed using the advanced programming procedure described on page 5, additional KeyFobs may be enrolled sequentially by repeating step 5 (aim additional KeyFobs at the Power Mag and press the KeyFob button) to enroll it into the next sequential location. For example, if you had just enrolled KeyFob number 42, the next one would be enrolled as 43 and the next as 44 and so on. The sounder will acknowledge each additional KeyFob as described above. To program additional KeyFobs which are not sequential, repeat steps 1 - 6 above for each KeyFob.


Removing a KeyFob from the system

In the event that KeyFobs must be removed from the system, there are two methods which may be used. The first method allows the keyfob to automatically be deleted by keyfob number. The KeyFob is not needed for this operation. The second allows the keyfob to be deleted by keyfob activation, which requires that the KeyFob be available. These methods are performed while in the Advanced Programming mode. Follow the instructions on page 5 to enter Advanced Programming.

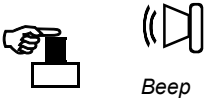
F E	Remove KeyFob by User Number	Remove KeyFobs assigned to the following User Number(s) - used to remove a single KeyFob or a sequential block of KeyFobs. [F] [E] [First KeyFob address] [Last KeyFob address] <ul style="list-style-type: none"> • Example 1: Remove KeyFobs 20 through 29: [F] [E] [2] [0] [2] [9] • Example 2: Remove KeyFob 45: [F] [E] [4] [5] [4] [5]
F F	Remove KeyFob by KeyFob activation	Use this option to remove a KeyFob in your possession. Activate system option F F, aim KeyFob at Power Mag and press KeyFob button. If the sounder chirps, KeyFob is not programmed in database.

Example: Remove KeyFob from system (option FF)


1
Turn Dial to "F"



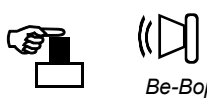
2
Press Button



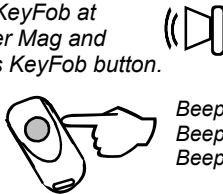
3
Leave Dial on "F"



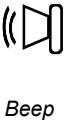
4
Press Button



5
Aim KeyFob at Power Mag and press KeyFob button.



6
If KeyFob is not currently programmed, a single beep will sound.



6

Advanced Features

The RR-1200PM provides many optional features and functions. Please consult your installation company regarding the features which apply to your system.

Passage Mode

The Power Mag can be set to a Passage Mode (unlocked) state, where full access through the door is permitted. Passage Mode can be enabled only by KeyFobs mapped to addresses 90 through 99 or by the Remote Switch Input (optional). While these KeyFobs operate normally, granting access when the KeyFob button is pressed, they can also initiate Passage Mode through a special Hold Down feature. Passage Mode is initiated by aiming the KeyFob at the Power Mag and holding down the button for 5 seconds. The sounder will beep 3 times to acknowledge Passage Mode. To disable passage mode, aim any one of the Passage Mode enabled KeyFobs at the Power Mag and slowly press the button twice. If the KeyFob button is only pressed once, a Lock Down mode is enabled (see Lock Down).

Lock Down Mode

Lock Down Mode allows a door in Passage Mode to be quickly locked in the event of a panic condition. A single button press from any Passage Mode authorized KeyFob while Passage Mode is active will put the door into a 3 minute Lock Down mode. Once in the Lock Down mode, ONLY the KeyFob which initiated Lock Down may be used to disable it, with another single button press, which will return the Power Mag to the standard locked mode. To ensure that the door is not inadvertently opened while in Lock Down, all other KeyFobs except for the one which initiated Lock Down are disabled for the 3 minute duration.

Smart Pass

Smart Passage allows the Power Mag to automatically re-lock the door as soon as it senses that it has closed, even if the Pass Time has not expired. This will allow the lock to be programmed for the maximum Pass Time of 15 seconds (default) without the fear that an intruder will re-open the door and slip in behind a valid user.

Door Ajar Alarm

Door Ajar Alarm will prompt the Power Mag to go into alarm if it senses that the door has been held open for 20 seconds. When in alarm, it may be silenced by closing the door.

Remote Release

The Remote Switch Input can be programmed to allow a push of a momentary button to permit passage for the programmed Pass Time duration.

ALARM LOCK LIMITED WARRANTY

ALARM LOCK SECURITY SYSTEMS, INC. (ALARM LOCK) warrants its products to be free from manufacturing defects in materials and workmanship for 24 months following the date of manufacture. ALARM LOCK will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. Seller will not be responsible for any dismantling or reinstallation charges.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF ALARM LOCK.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period.

IN NO CASE SHALL ALARM LOCK BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

In case of defect, contact the security professional who installed and maintains your security system. In order to exercise the warranty, the product must be returned by the security professional, 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.

This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly canceled. ALARM LOCK neither assumes, nor

authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products.

In no event shall ALARM LOCK be liable for an amount in excess of ALARM LOCK's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

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

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. ALARM LOCK does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

ALARM LOCK is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to ALARM LOCK's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.