

### One-Year Limited Warranty

If your Automatic Gate Opener Accessory (sometimes also referred to as the "Product") does not work properly because of a defect in materials or workmanship, the Rutland Systems division of Waters, Instruments, Inc. ("Rutland") will, for the length of the period indicated on the chart below, which starts with the date of original purchase (the "Limited Warranty period"), at its option either (a) repair your Product with new or refurbished parts, or (b) replace it with a new or a refurbished Product. The decision to repair or replace will be made by Rutland.

Parts	Labor
One (1) Year	One (1) Year

During the "Labor" Limited Warranty period there will be no charge for labor. (Note: labor applies only to the repair of the Product at an Authorized Rutland Repair Center. It does not apply to removal or installation of the Product on purchaser's home or other premises). During the "Parts" Limited Warranty period, there will be no charge for parts.

You must ship your Rutland Automatic Gate Opener Accessory to Rutland during the applicable Limited Warranty period. This Limited Warranty excludes both parts and labor for batteries, antennas, and cosmetic parts (such as the Product housing). This Limited Warranty only applies to Products purchased in the United States. This Limited Warranty is extended only to the original consumer purchaser ("you" or "your") of a new Product that was not sold "as is".

#### Limited Warranty Service

For assistance in the continental U.S.A. in obtaining the benefit of the Limited Warranty please carefully follow these steps:

- 1) Complete carefully all troubleshooting procedures in the Maintenance and Troubleshooting Guide in this Manual.
- 2) If you are still unable to solve the problem, contact Rutland Systems customer service at 1-800-272-9877. Please have the model and serial number of the Product available to give to the customer service representative. The customer service representative will provide further assistance or authorize repair or replacement, as appropriate.
- 3) If repair or replacement is appropriate you will be given a return authorization number (RMA#). This RMA# must be visible on all documents and packages returned to Rutland.
- 4) Carefully pack the defective Product or Product part in a sturdy shipping carton, include (i) a letter detailing the complaint, (ii) a daytime phone number where you can be reached, (iii) your name and address for any return, (iv) your sales receipt/proof of purchase, and (v) the RMA# on all correspondence and the shipping carton.
- 5) Prepay the freight and insure the defective Product or Product part against shipping damage. Note that defective Products or Product parts shipped freight collect will not be accepted.
- 6) Ship the carton to: Rutland Systems, 906 Fifth Avenue E., Ellendale, MN 56026.

**IF REPAIR OR REPLACEMENT IS NEEDED DURING THE LIMITED WARRANTY PERIOD, THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. THE PURCHASER WILL BE CHARGED FOR THE REPAIR OF ANY PRODUCT OR PRODUCT PART RECEIVED WITHOUT SUCH PROOF OF PURCHASE or for repairs requested outside of the applicable Limited Warranty period.**

#### Limited Warranty Limited and Exclusions

This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by Rutland, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, modifications or alterations, faulty installation, connection to an improper power source, set-up adjustments, misadjustment of controls, improper maintenance, power line surges, damage from acts of God such as lightning, wind, fire, flood or insects, introduction of sand, humidity or liquids, commercial or rental use or service by anyone other than an Authorized Rutland Repair Center.

**THERE ARE NO EXPRESS WARRANTIES EXCEPT AS STATED UNDER "LIMITED WARRANTY COVERAGE". Rutland IS AND WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY.** (As examples, this excludes damages for lost time, lost calls or messages, cost of having someone remove or re-install an installed Product or Product part, travel to and from an Authorized Rutland Repair Center, etc. The examples listed are not an exhaustive or exclusive list, but are for illustration only). **ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.**

Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Some States do not allow limitations on how long an implied warranty lasts, so the above limitation 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.

**PARTS AND SERVICES WHICH ARE NOT EXPRESSLY COVERED BY THIS LIMITED WARRANTY ARE YOUR RESPONSIBILITY.**

**CAUTION:** Any changes or modifications in intentional or unintentional radiators which are not expressly approved by Rutland Systems could void the users authority to operate this equipment. This applies to intentional or unintentional radiators certified per part 15 of the FCC rules and regulations.

RUTLAND SYSTEMS

# Rutland™

## Digital Keypad RKP1 - 433MHz

### Features

The Digital Keypad is a battery-operated device that will operate a receiver using a four-digit **PIN (Personal Identification Number)**. Pressing four preprogrammed numbers on the keypad sends a radio signal to the receiver that controls the gate operator. See Figure 1.

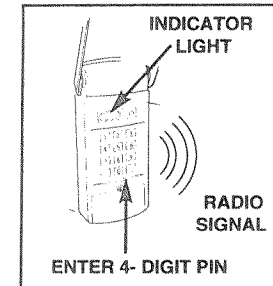


Figure 1

Pressing any key will light the keypad.

The keypad will store the last **PIN** entered in its memory, even if the battery is removed.

Pressing any key within 30 seconds after the gate has been activated will activate the gate again.

### WARNINGS

- Mount the keypad **OUT OF THE REACH OF CHILDREN** at least five feet above the ground.
- **NEVER** allow children to operate the keypad.
- Disconnect power from the operator before installation.
- Wear safety glasses to protect your eyes during installation.

### Section 1: General Installation of Your Exterior Keypad

Tools Required:

- Drill with 1/8" (3mm Bit)
- Phillips head screwdriver
- Pencil
- Measuring tape

1. Choose a location that will not interfere with the normal operation of the gate. See Figure 2.
2. Hold the keypad at the selected location. Using your pencil, mark the wall at the center on the top of the unit.
3. Drill a 1/8" (3mm) hole 3/4" (19mm) directly below this mark. See Figure 2.
4. Tighten a screw in the hole until the head is sticking out about 1/16" (1.5mm).
5. Hang the unit on the screw. Adjust screw as required for a snug fit.
6. Remove the battery cover to expose the second screw hole. See Figure 3.
7. Mark the position of the second screw with the pencil through the screw hole.
8. Drill another 1/8" (3mm) hole for the second screw.
9. Tighten the second screw in the hole.
10. Install the battery and replace the battery cover.

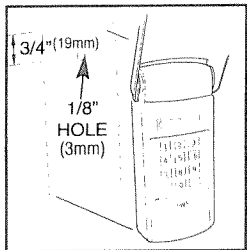


Figure 2

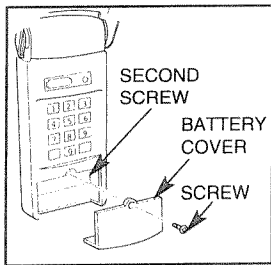
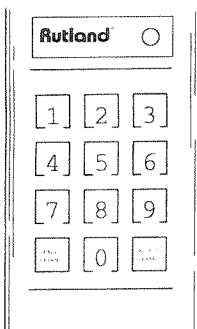


Figure 3

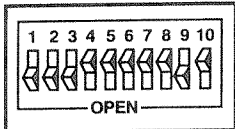
**SECTION 2: PROGRAMMING TO A RECEIVER.**

1. Refer to the DIP switch settings in your receiver and take notes on the chart below which switches are in the "On" or "Closed" positions. You must have at least 1 of the 10 switches closed.
2. Press the Radio Learn button twice. The light by the Rutland label will come on and stay on.
3. Press the numbers that represent the closed switches on the receiver (i.e. if switches 2,4, and 6 are closed, enter 246. For switch position 10, use the 0 key).
4. Press the Radio Learn button once.
5. To test if you have properly programmed in the radio code, enter the factory set PIN (1-2-3-4). The receiver should operate.



**Digital Type Switches**

If the flat side or the side you push down is toward the number, then the switch is ON.



Code = 1,2,3,9

Write the "ON" numbers of your RADIO CODE in the boxes shown below at this time. A "RADIO CODE" with ALL positions open (OFF) or ALL jumper wires clipped can NOT be used.

**Switches**

1	(Up to 10 numbers)								10

**SECTION 3: PROGRAMMING A NEW PRIMARY PERSONAL IDENTIFICATION NUMBER (PIN).**

1. Press the Access Learn button twice. After doing this, the light by the Rutland label will come on and stay on.
2. Enter 1-2-3-4 (Factory Default), then your new 4-digit PIN or if you have already programmed your PIN - enter this number and then the new PIN you wish to change it to.
3. Press the Access Learn button once. The light by the Rutland label will turn off. The new PIN number has been accepted.

**SECTION 4 : TO ENTER A SECONDARY PIN # ( 14 TOTAL CAN BE ADDED ).**

- STEP 1. Press "ACCESS LEARN" button twice ( led lights up )
- STEP 2. Enter YOUR primary PIN number \_\_\_\_\_ ( must be four digits )
- STEP 3. Press "RADIO LEARN" button once
- STEP 4. Enter secondary PIN number \_\_\_\_\_ ( must be four digits )
- STEP 5. Press the "ACCESS LEARN" button once ( led goes out ) - the new secondary PIN is now set and you exit program mode.

**SECTION 5: TO CLEAR OUT INDIVIDUAL SECONDARY PIN # 's:**

- STEP 1. Press "ACCESS LEARN" button twice ( led lights up )
- STEP 2. Enter YOUR primary PIN number \_\_\_\_\_ ( must be four digits )
- STEP 3. Press "RADIO LEARN" button once
- STEP 4. Enter secondary PIN number \_\_\_\_\_ you wish to delete
- STEP 5. Press the "RADIO LEARN" button once ( led goes out ) -the secondary PIN is now deleted and you exit program mode.

**SECTION 6: TO CLEAR OUT ALL SECONDARY PIN # 's AT ONE TIME :**

- STEP 1. Press "ACCESS LEARN" button twice ( led lights up )
- STEP 2. Enter YOUR primary PIN number \_\_\_\_\_ ( must be four digits )
- STEP 3. Press "RADIO LEARN" button once
- STEP 4. Enter four zero's (0-0-0-0)
- STEP 5. Press the "RADIO LEARN" button once ( led goes out ) - ALL secondary PIN numbers are now deleted and you exit program mode.

**SECTION 7: CLEAR ALL MEMORY - RETURN TO FACTORY DEFAULT SETTINGS.**

1. Press and hold both the Radio Learn and Access Learn buttons for approximately 10 seconds until the lights on the keypad go off. The unit now has a factory default PIN of 1234 and ALL radio codes have been erased.

**Normal Operation**

When the keypad is programmed properly, the gate should operate by pressing the four digits of your PIN. The gate will activate after pressing the fourth number and the indicator light will stay on for one second to show that the signal is being sent to the receiver. The keypad will blink on and off. After each keystroke, the indicator will light. After pressing any key, all the keys will light up.

**Troubleshooting**

The correct PIN must be entered within 20 keystrokes; otherwise the keypad will stop operation for 5 minutes. The user has 25 seconds between keystrokes to enter the correct code.

If you forget your PIN, you will have to clear all memory (refer to section 7) and reprogram your keypad again. (Refer to section 2 and section 3.)

If the keypad lights go off after the first keystroke, the battery needs replacing.

**Battery Replacement**

The keypad uses a 9-volt battery.