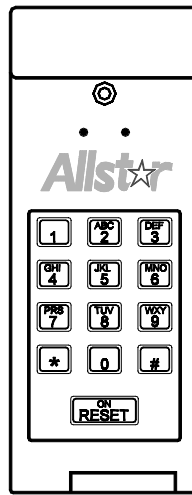




WIRELESS DIGITAL PROGRAMMABLE KEYPAD



Model 104078

PRODUCT FEATURES

The Wireless Digital Programmable Keypad is a high quality, state of the art product with programming capabilities for four separate entrances. We believe this to be the finest product available anywhere and fully expect that you will receive many years of excellent service from your new keypad. Because of the programmable nature of your new keypad it is important to follow the programming instructions carefully. While they may seem a little complex at first, if you read these instructions carefully with your keypad close by, you should have little problem setting your new system.

TERMS USED IN THIS MANUAL:

ABOUT YOUR KEYPAD

PIN: Is the Personal Identification Number you choose which will allow you to operate your door or gate controls. The **Primary PIN** is the PIN you choose and program the keypad with to operate the door or gate. After programming, The Primary PIN becomes the only number which can be used to re-program your system. It is your insurance against anyone else re-programming your system.

Factory Default: Refers to settings on your keypad which were made at the factory.

LED: Light Emitting Diode, or indicator light on your keypad.

FEATURES OF YOUR NEW KEYPAD:

The Keypad has a number of operating features and indicators to provide you with information and make its overall use easier.

Factory Default Setting: Should you ever forget your PIN you can restore your keypad to the original factory default settings. Once you do this, however, you must go through the programming steps again. To restore the factory default setting PUSH 999, PUSH #, PUSH 999, PUSH #. All codes are now restored to the original factory settings.

Reset/On-Off Switch: This switch turns the keypad and light system on allowing you to operate the system as well as to see the keys in the dark. The keypad will remain lit for 20 seconds after the last key is pressed. This key is also used to cancel the programming mode if you make a mistake during the programming process.

Key Press Indicator: This green LED (see Figure 2) will light whenever a key is pressed indicating a valid key entry.

Signal Sent Indicator: This red LED (see Figure 2) will light whenever a valid PIN is entered indicating that a radio signal was sent to your garage door or gate operator.

Incorrect Entry Indicator: Should you ever enter an incorrect PIN both red and green LED's will light simultaneously indicating an entry error. If this should occur please reset the system and enter a valid PIN.

Single Button Mode: Once you have entered a valid PIN and your door or gate operator begins to function, the number and letter keys remain active for 20 seconds. Pressing any one of these keys will send another signal to your operator, thus allowing you maximum control over your system. Depending on the operator, each signal you send can cause your operator to either stop or reverse direction. Please see the operating instructions that came with your operator to determine how your operator will react to these inputs.

Low Battery Indicator: The lighting for your keypad also serves as a low battery indicator. Should your keypad lights flash on and off it is an indication that your battery should be changed. If your battery does need to be replaced, simply open the hatch on the lower right side of your unit (see Figure #2) by sliding it forward, and remove the battery. Replace the battery with a standard 9 Volt transistor battery and replace the hatch.

Non-Volatile Memory: Because your new programmable keypad uses non-volatile memory it is not necessary to reprogram your unit should your battery fail. Just replace the battery with a new one and your keypad is ready to operate again.

INSTALLER: Leave this manual with your customer upon completion of the installation.



INSTALLATION INSTRUCTIONS



WARNING

DISCONNECT POWER TO THE OPERATOR BEFORE AND DURING INSTALLATION OF THIS ACCESSORY. DO NOT RECONNECT POWER TO OPERATOR UNTIL INSTRUCTED TO DO SO. ENSURE DOORWAY IS CLEAR BEFORE STARTING TESTING OF UNIT.

STEP 1: Choose a convenient location that does not interfere with the normal opening and closing operation of your door or gate, such as on the door jamb or on the outside wall adjacent to the door jamb. Please keep in mind that some doors will swing outward in their travel, and could damage an improperly located keypad. Try your door first to ensure there is no possibility of interference.

MOUNT YOUR KEYPAD A MINIMUM OF 5 FEET ABOVE THE GROUND TO KEEP IT OUT OF REACH OF CHILDREN.

STEP 2: Choose your mounting hardware. The screws provided are adequate for mounting your keypad directly into wood or similar material.

STEP 3: Drill a 3/32 inch pilot hole to a depth of 1-1/2 inches for the bottom mounting screw. Insert the screw into the pilot hole leaving the head of the screw exposed approximately 1/8 inch from the wall. Slide the keypad over the exposed screw and position the unit vertically. While held vertically mark the position of the top hole on the wall. Remove the keypad and drill another 3/32 inch pilot hole to a depth of 3/4 inches. Slip the keypad over the bottom screw and insert the top screw.

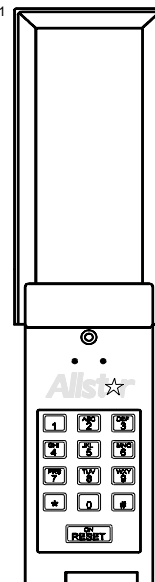


Figure 1

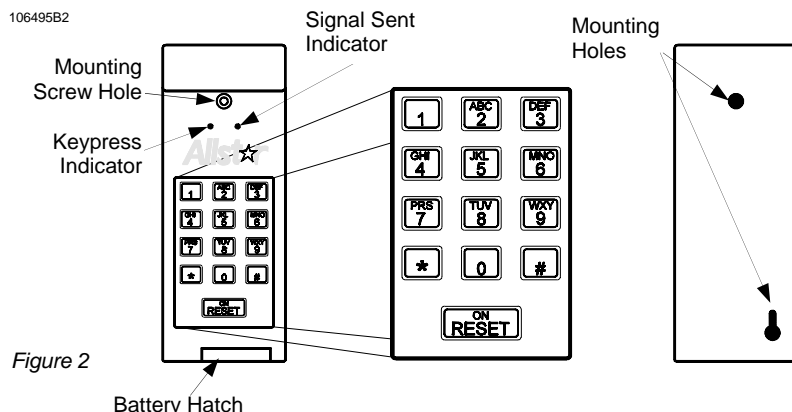


Figure 2



WARNING

A CHILD OPERATING THE DOOR CONTROLS RISKS INJURY — OR DEATH — TO HIMSELF AND OTHERS. DO NOT ALLOW CHILDREN TO OPERATE ANY DOOR CONTROLS. MOUNT THE PUSHBUTTON AT LEAST 5 FT FROM THE FLOOR, OUT OF REACH OF CHILDREN.



PROGRAMMING INSTRUCTIONS

The keypad requires you to set two specific security codes. The **Transmitter Code** is necessary for your keypad to communicate with the receiver unit which is mounted on or in your garage door or gate operator. The second code is your **Personal Identification Number (PIN)** which allows you to activate the system. Your PIN should be guarded carefully as it is your assurance against unauthorized use of the system. The factory default PIN is 1,2,3,4 and your unit is set to this code when you first receive it.

If you look at your keypad you will notice that there are twelve keys, 1 to 9 and 0 plus two specially marked keys * and #. Most of the keys also have letters printed on them to allow you to set a personal keyword instead of a PIN. (See Figure 2)

Follow the directions below to first program the Transmitter Code.

PROGRAMMING THE TRANSMITTER CODE

Single Button Transmitter

If your gate or door operator currently has a single button transmitter:

STEP 1: Locate your transmitter and open the coding hatch. You will see a coding switch block with numbers from 1 to 9. The possible setting for each switch is either "+", "0" or "-". Translate these settings into a numeric code:

+ = 1 0 = 2 - = 3

STEP 2: Copy the transmitter code as it is currently set into the table on the following page.

For example, Figure 3 shows DIP switch settings of:

+ , 0 , + , - , + , 0 , + , - , 0



Figure 3

The numeric equivalent is: 1, 2, 1, 3, 1, 2, 1, 3, 2

Example Table:

1	2	3	4	#	#	1	1	2	1	3	1	2	1	3	2	#
Default PIN							DIP Switch Settings from Transmitter									



Write the settings of your transmitter DIP switches into the Transmitter Code table:

1	2	3	4	#	#	1										#
Factory Default							Your Transmitter Code									

STEP 3: Now program your keypad:

1. Press the ON/Reset button.
2. Enter the Factory Default PIN, 1, 2, 3, 4
3. Press key #
4. Press key #
5. Press key 1
6. Enter the Transmitter Code you filled in above
7. Press key #

The Transmitter Code is now programmed into your Keypad.

Dual or Triple Button Transmitter

If your gate or door operator has a two or three button transmitter:

STEP 1: Locate your transmitter and open the coding hatch. You will see a coding switch block with numbers from 1 to 8. The possible setting for each switch is either “+”, “0” or “-”. Translate these settings into a numeric code:

+ = 1 0 = 2 - = 3

STEP 2: Copy the transmitter code as it is currently set into the table below.

For example, Figure 4 shows DIP switch settings of:

+, 0, +, -, +, 0, +, -

The numeric equivalent is: 1, 2, 1, 3, 1, 2, 1, 3

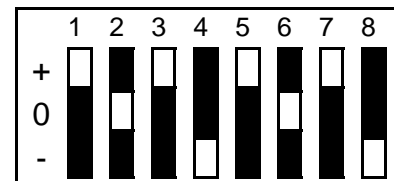


Figure 4

Example Table:

1	2	3	4	#	#	1	1	2	1	3	1	2	1	3		#
Primary PIN							DIP Switch Settings from Transmitter							Transmitter Button Code		

Write the settings of your transmitter DIP switches into the Transmitter Code table:

Note the “Transmitter Button Code” box in the table below. You must also program the code for the specific transmitter button that you will use to open the gate or door. On a two button transmitter, the left button code is 1, and right button code is 2. On a three button transmitter the left button code is 1, the middle button code is 2, and the right button code is 3. If you are programming the keypad so that the left transmitter button opens the gate or door, you will enter a 1 in the “Transmitter Button Code” box below.

1	2	3	4	#	#	1												#
Factory Default							Your Transmitter Code									Transmitter Button Code		

STEP 3: Now program your keypad:

1. Press the ON/Reset button.
2. Enter the Factory Default PIN, 1, 2, 3, 4
3. Press key #
4. Press key #
5. Press key 1
6. Enter the Transmitter Code you filled in above
7. Enter the Transmitter Button Code you filled in above
8. Press key #

The Transmitter Code is now programmed into your Keypad.



PROGRAMMING INSTRUCTIONS

1	2	3	4	#	1									#
Factory Default Pin					Pin No.	New Pin				Repeat New Pin				

PROGRAMMING YOUR PIN

It is now time to change the factory default PIN of 1, 2, 3, 4 to your own private PIN.

STEP 1: Begin by filling out the table above.

You may program up to four PIN Codes. The PIN No. entry represents the first, second, third and fourth PIN you are choosing to program. In the table above, PIN No. 1 represents the required entry for programming the first PIN you have selected. This first PIN will be your Primary PIN.

A sample block has been filled out below. In this example the PRIMARY PIN is the factory preset code. The PIN No. 3 indicates the third code in your system (this may be valid even if you do not have a second code). New PIN Code 5127 is an example representing the new PIN Code you have chosen.

NOTE: DO NOT REVEAL YOUR PRIMARY PIN CODE. IT IS THE ONLY NUMBER WHICH CAN BE USED FOR PROGRAMMING AND IS YOUR INSURANCE AGAINST ANYONE REPROGRAMMING YOUR KEYPAD.

1	2	3	4	#	3	5	1	2	7	5	1	2	7	#
Factory Default Pin					Pin No.	New Pin				Repeat New Pin				

STEP 2: Press the ON/RESET button and enter all of the characters in the sequence shown in the table at the top of the page.

STEP 3: Check your new setting by entering your new PIN Code,

followed by * and the number of the door you wish to activate. The operator should respond. If not, repeat steps 5 and 6. Press the RESET/ON button should you press an incorrect key, and begin programming again.



OPERATING INSTRUCTIONS

To operate your new wireless keypad press the RESET/ON key to light or reset your keypad. Enter your PIN followed by the * symbol and then your door number. For example:

ON/RESET	5	1	2	7	*	1
Activate Keypad	Your PIN					Door Number

Your operator should be activated. If not, try again, making certain you are entering the correct PIN.

If your operator is still not activated, a programming error may have been made. Repeat the programming steps outlined in the Programming Instructions section of this manual.



Manufacturer's Limited Warranty

Allstar warrants its radio controls to be free from defect in material and workmanship for a period of one (1) year from the date of purchase. To obtain service, contact your dealer.

To obtain service under this warranty the buyer must obtain authorization instructions for the return of any goods from Allstar before returning the goods. The goods must be returned with complete identification, with copy of proof-of-purchase, freight prepaid and in accordance with Allstar's instructions or they will not be accepted. In no event will Allstar be responsible for goods returned without proper authorization or identification.

Goods returned to Allstar for warranty repair within the warranty period, which upon receipt by Allstar are confirmed to be defective and covered by this limited warranty, will be repaired or replaced at Allstar's sole option, at no cost and returned pre-paid. Defective parts will be repaired or replaced with new or factory rebuilt parts at Allstar's sole option.

This limited warranty does not cover non-defect damage, damage caused by unreasonable use, damage caused by improper installation or care, vandalism or lightning, fire or excessive heat, flood or other acts of God (including, but not limited to misuse, abuse or alterations, failure to provide reasonable and necessary maintenance), labor charges for dismantling or reinstalling a repaired or replaced unit, or replacement batteries.

These warranties are in lieu of all other warranties, either expressed or implied. All implied warranties of merchantability and/or fitness for a particular purpose are hereby disclaimed and excluded. Under no circumstances shall Allstar be liable for consequential, incidental or special damages arising in connection with the use or inability to use this product. In no event shall Allstar's liability for breach of warranty, breach of contract, negligence or strict liability exceed the cost of the product covered hereby. No person is authorized to assume for Allstar any other liability in connection with the sale of this product.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Warranty effective after May 15th, 1997.

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