



## INSTALLATION INSTRUCTIONS

### Wireless Digital Programmable Keypad

Congratulations, you have just purchased a high quality, state of the art wireless digital keypad with programming capabilities for 4 separate entrances. This keypad is compatible with Challenger™, and Multi-Code\*radio control systems. We at Allstar 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 this 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 system.

#### MOUNTING LOCATION

Choose a convenient location that does not interfere with the normal opening and closing operation of your door, 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 insure that no possibility of interference can occur. **CAUTION: Your keypad should be mounted a minimum of 5' from the floor to keep it out of reach of children.**

#### MOUNTING MATERIAL

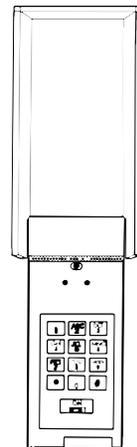
If you are mounting your keypad directly into wood or other similar material the screws provided will be adequate. **However, if you desire to mount your unit to aluminum siding you may need an adapter to isolate the radio control from the large ground plane of the aluminum siding.** Be sure to check the length necessary to reach completely into the garage with your through bolts. Secure them with lock washers and nuts to complete the installation.

If you are mounting your unit into masonry or similar substances, suitable anchors should be used to attach your fasteners.

#### MOUNTING

Once you have determined the mounting location, drill a 3/32 in. pilot hole 1 1/2 in. deep for the bottom mounting screw. Insert screw into the pilot hole leaving the head of the screw exposed about 1/8 in. 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 keypad and drill 3/32 in. pilot hole 3/4 in. deep. Now once more slip the keypad over the bottom screw and insert the top screw.

Figure #1

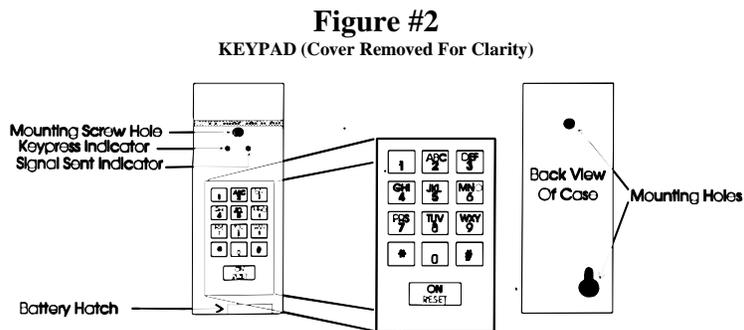


## PROGRAMMING

Your new wireless programmable keypad requires you to set 2 specific security codes. The door code is necessary for your unit to communicate with the receiver unit which is mounted on or in your garage door or gate operator. This code can be used from 1 to 10 digits depending on the coding of your receiver. The second code is your Personal Identification Number (PIN) which allows you to activate the system. This code is 4 digits in length. 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 #. In addition most of the keys also have letters printed on them to allow you to set a personal keyword instead of a PIN #. To begin programming your unit you will need to know 2 things:

1. The current PIN # (factory default) 1,2,3,4
2. The switch setting on your garage door opener or gate operator receiver. To obtain this code, find the receiver box usually located on the back of your garage door opener or near the control panel of your gate operator and slide open the front access hatch. You will see a code switch with numbers from 1 to 10 and the switch direction as either "ON" or "OFF". The only switches you are concerned with are those moved in the "ON" direction. Mark them down on a piece of paper. You may now replace the hatch on your receiver (see figure #2).



## SETTING YOUR DOOR CODE

To set your door code for the first door proceed as follows:

1. First activate your keypad by pressing the "ON" button.
2. Enter the current PIN # 1,2,3,4 is the factory default.
3. **Press "\*" key twice (Please make sure you press this key 2 times).**
4. Press door # (either 1,2,3 or 4). Your first door will normally be #1.
5. Enter the receiver switches that were in the "ON" position in order.\*
6. Press "\*" key once.

Check your setting by entering the current **PIN #**, **THEN PRESS "\*" KEY ONCE, NOW PRESS THE DOOR #** which is 1 in this instance. Your door should now operate. If it does not, repeat the above procedure. To program for the second, third, or fourth garage door repeat the above procedure indicating the appropriate door in step 4 and receiver code in step 5. Should you at any time key in an incorrect entry you can press the **RESET/ON-OFF** key & begin over. **Please note that this key cannot turn off the lighted keypad, the keypad will turn off automatically after 20 seconds.**

\* When programming this keypad to work with Multi-Code receivers...

## SETTING YOUR PIN NUMBER

To set your personal identification number (PIN) proceed as follows:

1. Enter the current PIN # 1,2,3,4 is the factory default.
2. Press “#” key once.
3. Enter your new four digit PIN #.
- 4. Re-enter your new four digit PIN # to confirm the entry.**
5. Press “#” key once.

Check your setting by entering your new **PIN #, THEN PRESS “#” KEY ONCE, NOW PRESS THE DOOR #** which is 1 in this instance. Your door should now operate. If it does not repeat the above procedure. Should you at any time, key in an incorrect entry you can press the RESET/ON-OFF key and begin over.

## OPERATION

To operate your new wireless keypad first push the **Reset/On-Off key** to light your keypad. Now enter your **PIN #** followed by the "\*" Symbol and then your **Door Number**. Your door should now operate, if it does not please check to insure you entered the correct PIN # and door #. If it still does not operate you may have made a programming error and will need to reprogram your system.

## AUTOSHUT-OFF FEATURE

After normal operation the keypad will shut-off after approximately 35 seconds. **If you do not fully enter a PIN and door number press on/reset to ensure autoshut-off.**

## OPERATING FEATURES

Your 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 back through the programming instructions once 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 when pressed will turn the keypad and lighting system on allowing you to operate the system as well as see the keys in dark conditions. The keypad will remain lit for 20 seconds after last key is pressed. This key also is used to cancel the programming mode if you make a mistake during the programming process.

## KEY PRESS INDICATOR

This green L.E.D. (see Figure #2) will light whenever a key is pressed indicating a valid key entry.

## SIGNAL SENT INDICATOR

This red L.E.D. (see Figure #2) will light whenever a valid PIN # is entered indicating that a radio signal was sent to your garage door opener or gate opener.

## INCORRECT ENTRY INDICATOR

Should you ever enter an incorrect PIN # both red and green L.E.D.'s will light simultaneously indicating and 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 garage door opener 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 opener, thus allowing your maximum control over your system. Depending on the opener, each signal you send can cause your opener to either stop or reverse direction. Please see the operating instructions that came with your opener to determine how your opener will react to these inputs. You may change the active key duration from the factory setting of 20 to 35 seconds (The 35 second active key duration is only recommended for large doors which require in excess of 20 seconds in which to completely close). To change your active key duration from 20 to 35 seconds **PUSH THE \* KEY TWICE, THEN PUSH THE # KEY ONCE**. To return to the original setting you must return to the factory default which is explained above under *FACTORY DEFAULT SETTING*.

## **LOW BATTERY INDICATOR**

The lighting for your keypad also serves the dual function of 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 not 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 once more.

\*Multi-Code is a trade name of Linear Corporation.

### **LIMITED WARRANTY**

Allstar radio control products are warranted against defects in material and workmanship for a period of 24 months from date of manufacture. c.p. Allstar Corporation warranties our products only to our authorized dealers and distributors and not to end users. Should you have a question regarding our warranty please ask your dealer for information relative to his warranty regarding these products. c.p. Allstar Corporation does not assume, and is not responsible for, any real or consequential damages from claims against the performance of our product, nor it is liable for any costs related to loss of life, property, or revenue. Further, c.p. Allstar Corporation is in no way responsible for the installation of our product, and will assume no costs related to re-installation or removal. This warranty is in lieu of all other warranties, expressed or implied. This limited warranty gives you specific rights. You may

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