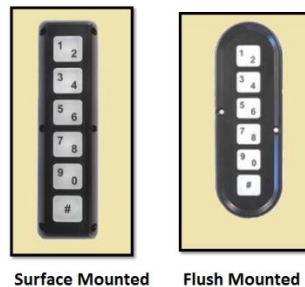


# Programming Key FOBs and Wireless Keypads for CommandLIFT-6

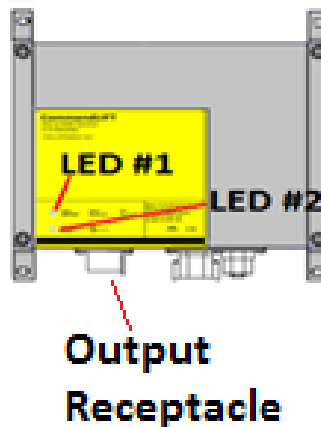
In order to put the wireless module within the CL control box into teaching mode, you will need at least one key FOB with a functioning battery. This is the only way to put the module into teach mode. The keypads themselves cannot do this! It is recommended that if you plan on programming wireless keypads with the FOBs, program the FOBs and keypads first before you mount the keypads. After programming, carry the pad to the general area of the vehicle where it is to be mounted and test it without mounting it yet. Mount them only when it's verified that they work at its mounting location before it's actually mounted at that location! The A23 12 volt battery comes with these units. The surface mount unit has the battery within the device. The battery for the flush mounted type has to be installed in the unit. It comes in the box with the unit. The battery comes within the FOBs units already.

Either type of wireless keypad, flush-mounted 17192, or surface-mounted 17191 are programmed the same.



There is only a coded sequence for the Open cycle and a fixed sequence for the Close cycle. The default open sequence is "1, 3, 5, 7, 9, #". This can be changed as explained later. The fixed sequence for the Close cycle is "5, 5, 5". This cannot be changed and is fixed.

- 1.) Unplug the five-pin output cable from the control box.



- 2.) Remove power from the control box by removing the 30 Amp fuse in the battery cable. Wait 20 to 25 seconds or watch the #1 LED on the control box flicker from green to off. If the system is in sleep mode, wait 20 to 25 seconds as well too. If there is any residual power on the main board, the module will not go into learning mode when commanded to by the FOB. This residual power comes from the capacitors on the main board.
- 3.) Place the fuse back into the battery cable. Within 3 seconds press both buttons on any FOB simultaneously. This will put the wireless module within the box in teaching mode. This is indicated by the module sending out an unlock signal with an audible “click”. LED #2 on the box will momentarily flash orange as well.
- 4.) Press any single button on the FOB or FOBs you want taught. After each FOB device is taught, the module will send out an audible unlock signal with an audible click and LED #2 will momentarily flash orange on the box. Note: you only have 5 seconds between devices to teach the device. If your intent is to just program FOBs, you can wait 5 seconds after the last FOB has been taught and the module will leave teaching mode by sending out an unlock signal that is heard as a click and LED #2 will momentarily flash orange on the box. The FOBs are now taught to the system. You can stop here if your intent is to teach FOBs only. Remember to wait 5 seconds after the last FOB has been taught so the system leaves the teach mode. Plug the output cable back into the box and test the system.

**Note: Whenever a CL system is first powered up from a zero-power state, a ‘Close’ command from a FOB or external switch will be ignored by the processor. This is normal. Use the ‘Open’ command to test. After that, use the ‘Close’ command to test the system as well. This feature is for safety.**

- 5.) If your intent is to teach a wireless keypad to the system along with an FOB or FOBs, keep the output cable unplugged and within 5 seconds of teaching the last FOB, press the close sequence on the pad 5, 5, 5. The hash tag (#) button on the pad will momentarily flash green and simultaneously the #2 LED on the box will flash orange meaning ‘signal received’. The pad is now taught. Wait 5 seconds and the module will leave teaching mode with an audible click and a flashing LED #2 on the box. Note: You will always need a FOB to put the system into teaching mode. Plug the output cable back into the box and walk the pad over to the general area of the vehicle where it is to be mounted and test it at that location. Use the default open sequence “1, 3, 5, 7, 9, #” or the customized open sequence and the “5, 5, 5” close sequence to open and close the door for testing. Once verified, mount the pad. Note: when LED #1 on the box is solid green, the system is in an idle state. If it is flashing green the system is in an active state.

#### **How to modify your password for the Open code for the keypad:**

The factory default open password is 1, 3, 5, 7, 9, #. To change this default code to a custom code the system has to be powered up. This is not done in learning mode. Press #, #, #, old code #, new code #. The new code must be 4-8 digits and not include the #-key. If the new code is accepted the #-key will flash red 2 times. 4 red flashes indicate the code was not

accepted for whatever reason. It is recommended that you write the new password down and secure it somewhere. You will always need the old password to start a new password! Write it down! Whiting cannot change or reset your password!

### **What do you do if you forget your password for the keypad?**

If you forget your password contact [support@poplocks.com](mailto:support@poplocks.com). Instructions and troubleshooting information are available at [www.poplocks.com](http://www.poplocks.com). Note: For security reasons, Whiting cannot reset your password! You will have to contact POP Locks directly yourself as they will not give Whiting the procedure on how to do this! What good is a security measure if everybody knows how to bypass it! Surface-mount model number is HD009-B. Flush-mount model number is HD008-B. You will need these model numbers when contacting Pop Locks.

### **How many times can you input a password for the keypad?**

After three incorrect attempts to enter your password the red LED will flash quickly for 5 seconds and you will be locked out for 2 minutes. During the 2 minutes, the keypad will not accept any codes.

### **How do you replace the battery for the keypad or FOB?**

The battery compartment is in the rear housing of the keypad. On the surface mount pad (17191), remove the 6 screws to gain access to battery area. For the flush mount pad (17192), remove the pad from its mounting to gain access to the back cover and battery. For the FOB, carefully remove the button cover with a small screwdriver. The battery is a 12 volt dry cell A23 type for the FOBs and pads. These can be purchased at Home Depot, Lowes or any battery retail center.



### **How do you erase devices from the system's memory?**

Follow the above procedure to program new FOBs or keypads and leave out the old FOBs or keypads. The old devices will now be erased from the memory of the receiver. Note: if you are to add a FOB or keypad to an existing system which already has other FOBs or keypads taught to this system already, all devices old and new have to be taught together if you want to use the old and new devices together. Once the wireless receiver within the control box enters learning mode, all old data is erased from its memory automatically!

**Can you program keypads only and not use FOBs?**

Yes. But you still need at least one FOB with a functioning battery to put the module into learning mode. Unplug the output cable from the control box. Follow the procedure above to put the module in learning mode. Once in learning mode, press the Close sequence "5-5-5" or the open pass code sequence on the pad. Don't press any of the FOB buttons at this point. The #-key will momentarily flash green. Wait 5 seconds until the module gets out of learning mode. The pad is now taught and the FOB is not. Reconnect the output cable and test the system.