



Introduction

Thank you for purchasing our popular HDC Keyless Entry Controller used for power locking. The following describes the functionality and programming steps to assist the customer with their setup. For more information, please visit our website at <https://www.poplocks.com> or email us at support@poplocks.com.

Overview

- Read **ALL** instructions before proceeding to install and program.
- The RC35a can only be programmed with a fob or RS2 flex switch.
- The wireless receiver is compatible with most HDC wireless transmitters.
- You can program up to 6 unique transmitters. After the 6th device, the system will drop the first device programmed in that session.
- Code learning only works within 5 seconds from when the device is powered.
- Every new code learning session will wipe the previous transmitter codes.
- Make sure to have **ALL** transmitters in close proximity when adding or re-programming.
- Press keys firmly when going through the steps.

HDC Compatible Receivers and Keypads



T-25



RS-2



HD009B

Programming (Transmitter Code Learning)

Step 1 - After powering the system, within 5 seconds, press both the Lock and Unlock buttons on the compatible transmitter at the same time. The receiver will enter code learning mode. Additionally, the Unlock Output will send a trigger to confirm programming is active.

Step2 - Within 5 seconds after entering code learning mode, press any button on the transmitter. This will add the transmitter that activated the mode. To add other transmitters, repeat the step by pressing any button on the other transmitters to signal "add" to the receiver. Again, the Unlock Output will trigger each time to signal the transmitter has been recognized and is compatible with the system.

When Programming keypads, it is recommended to press 5,5,5. Battery keypads require you to press a key first to wake up the keypad before entering the code. A green light will confirm the signal has been sent to the controller.

Step 3 - During code learning, if there is no action after 5 seconds, the system will exit the code learning mode. The Unlock Output will trigger to confirm.



Input Analog Signals*

Part # V910-5
(Optional)
Rocker Switch



1M Black

2M White

12 Volt
Max. 30
Amp Fuse

Ground

Slave Relay
Harness
PL910
(Sold Separately)

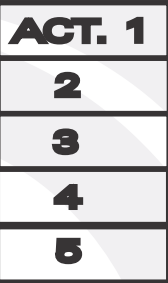
30 Red
85 Green/White
86 Red
87 Brown/White
87a Black

30 Red
85 Blue/White
86 Red
87 Yellow
87a Black

Trunk Wire
14 Ga. min.

Branch Wire
18 Ga. min.

Compartments



Compartments



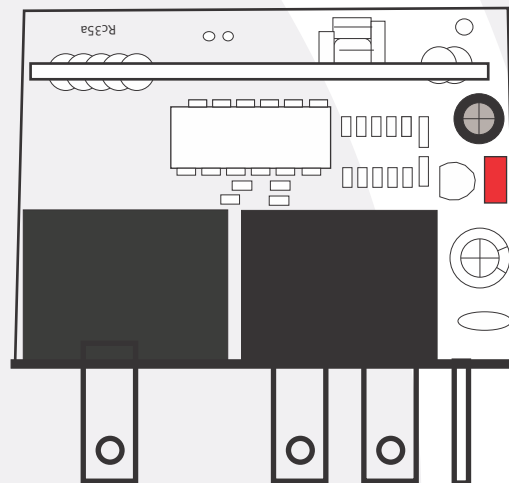
| Function | Pin# | WH5 Harness |
|--------------|------|-------------|
| Lock Input | 3 | Brown |
| Unlock Input | 2 | Violet |
| Act Output | 1M | Black |
| Act Output | 2M | White |
| 12vdc 20amp | + | Red |
| Ground | - | Black |

*Input Signals (Default Negative)

The input signals can be changed from a negative (default) to accept a positive signal. To access setting the outer shell must be removed. Do this with the RC35a unplugged. As shown below by remove the 2 prong jumper (in Red) to switch signal (see FIG A.)

Important:

- Pin 3 will input LOCK (Brown when using WH5)
- Pin 2 will input UNLOCK (Violet when using WH5)



2 Prong
Jumper
Switch

FIG A.

Caution: Care Should be Taken As To Not Damage Inner Components.