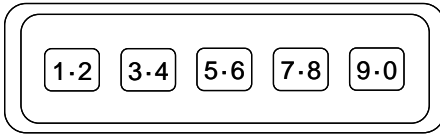


# EA-R03 Wireless Keypad Kit Operating Instructions

## EA-R03 Wireless Keypad Kit



### Package Contents

- Wireless Keypad Transmitter
- Receiver Unit
- Wire Harness
- Keypad Mounting Hardware

### Specifications

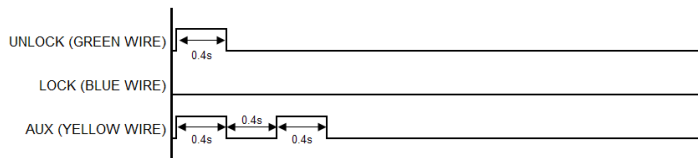
Receiver Power:	12VDC (±10%)
Receiver Idle Current:	10mA (maximum), no attached devices
Receiver Operating Current:	1A (maximum), no attached devices
Receiver Outputs:	three Form C relays, rated 15A at 14VDC
Operating Range:	up to 60 feet (open air)
Operating Frequency:	433.92MHz
Coding Type:	Fixed Code
Transmitter Power:	Type CR2032 3VDC battery

### Normal Use

The wireless keypad transmitter can be used to lock and unlock the system.

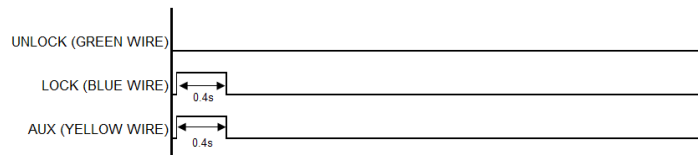
#### Unlocking the System

Enter the user code, then press the 1-2 button. The system will unlock and the auxiliary output will pulse twice, as shown in the figure below:



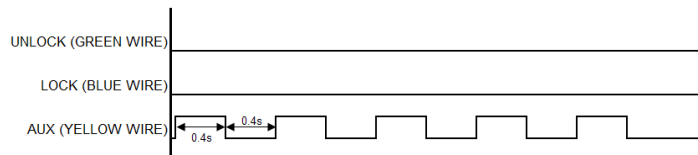
#### Locking the System

Enter the user code, then press the 3-4 button. The system will lock and the auxiliary output will pulse once, as shown in the figure below:



#### Pulsing Auxiliary Output

Enter the user code, then press the 5-6 button. The auxiliary output will pulse five times, as shown in the figure below:



### Changing the User Code

The unit is shipped with a default user code of 1234, but can be changed to a 3-7 digit number. To change the user code:

1. Press the 9-0 button for approximately 3 seconds. Keypad lights should flash twice then stay on.
2. Enter the current user code. When entering the last digit of the current user code, hold the button for approximately 2 seconds. Keypad lights should flash once then stay on.
3. Enter the new user code. When entering the last digit of the new user code, hold the button for approximately 2 seconds. Keypad lights should flash once then stay on.
4. Repeat the new user code. When entering the last digit of the new user code, hold the button for approximately 2 seconds.
5. Keypad lights should flash once then turn off. The user code has been successfully changed.

If the keypad lights turn off during Steps 1-4, then programming has been timed out and the process needs to be repeated from Step 1.

**⚠ NOTE:** If the user code is lost or forgotten, contact Southco for assistance.

### Transmitter Battery Replacement

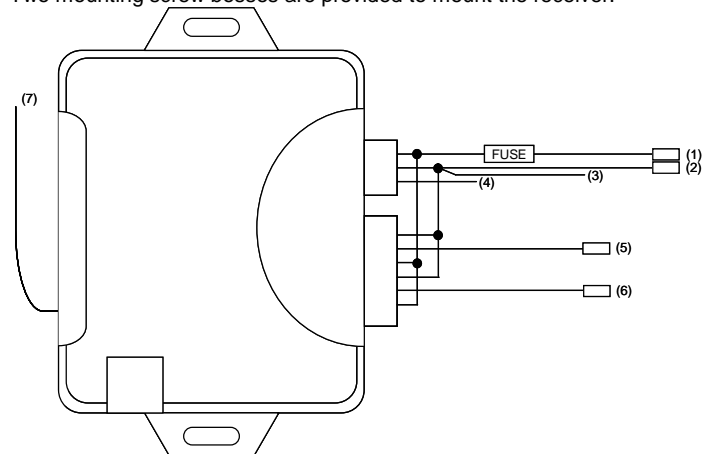
Replace the transmitter battery with a Type CR2032 3VDC battery. The battery can be replaced by opening the enclosure.

### Wire Harness Fuse Replacement

Replace with 15A automotive blade fuse only.

### Receiver Unit Mounting and Wiring

The receiver should be mounted in a location to minimize RF shielding. Two mounting screw bosses are provided to mount the receiver.



Wire	Wire Color	Description
1	Red	Power Supply Input (12VDC)
2	Black	Ground
3	Black	Ground (for use with auxiliary output)
4	Yellow	Auxiliary Output
5	Blue	Lock Actuator Output (connect to actuator blue wire)
6	Green	Unlock Actuator Output (connect to actuator green wire)
7	Black	Antenna (do not connect)

For technical support of this product contact: [info@southco.com](mailto:info@southco.com) or visit: [www.southco.com](http://www.southco.com).