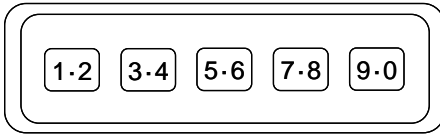# EA-R03 Wireless Keypad Kit
Operating Instructions

EA-R03 Wireless Keypad Kit

Package Contents

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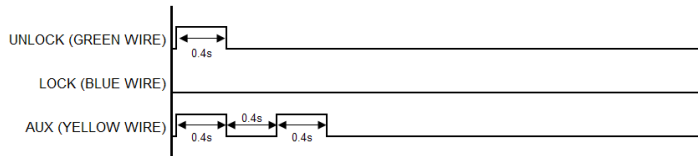- Wire Harness
- Keypad Mounting Hardware

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.
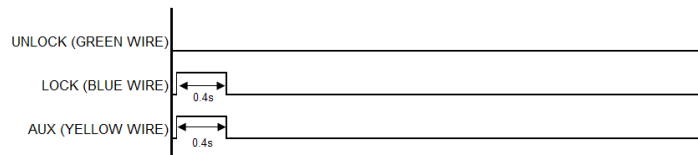
Unlocking the System

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:
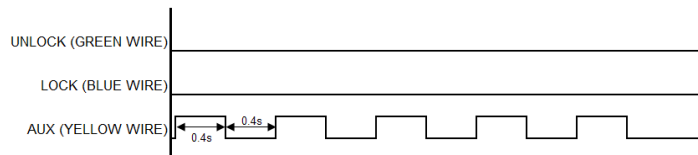
Locking the System

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.

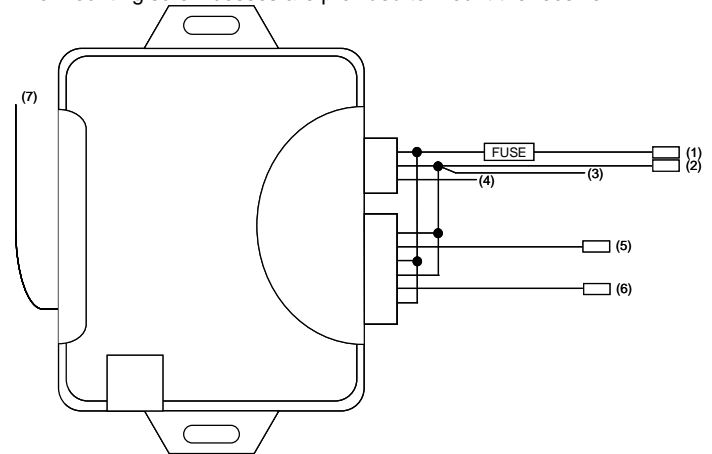## Transmitter Battery Replacement

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 or visit: www.southco.com.