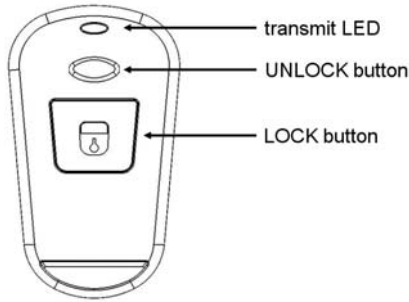


EA-R02 RF Controller Kit Operating Instructions

Package Contents

- EA-R02-102 Transmitter Keyfob (qty 2)
- EA-R02-202 Receiver Unit
- Wire Harness

Transmitter



Specifications

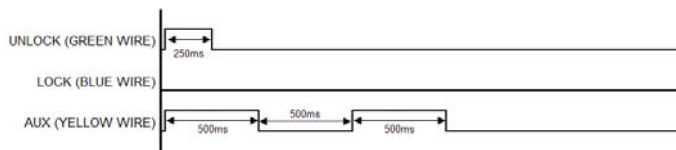
Receiver Power:	12VDC (±10%)
Receiver Idle Current:	10mA (maximum), no attached devices
Receiver Operating Current:	1A (maximum), no attached devices
Receiver Outputs:	three Form C relays, rated 15A at 14VDC
Operating Range:	up to 60 feet (open air)
Operating Frequency:	433.92MHz
Coding Type:	Fixed Code
Transmitter Power:	Type CR2016 3VDC battery (qty 2 per transmitter)

Normal Use

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

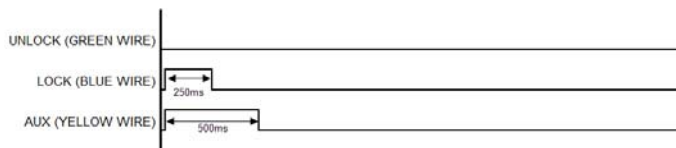
Unlocking the System

Press the transmitter's UNLOCK button. The transmitter LED will turn on and the system will unlock and the auxiliary output will pulse twice, as shown in the figure below:



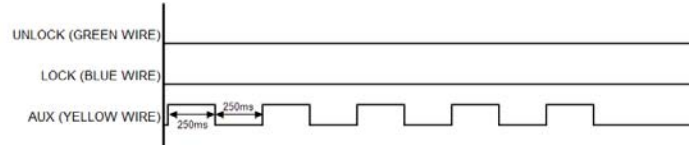
Locking the System

Press the transmitter's LOCK button. The transmitter LED will turn on and the system will lock and the auxiliary output will pulse once, as shown in the figure below:



Pulsing Auxiliary Output

Press the transmitter's LOCK and UNLOCK buttons at the same time. The transmitter LED will turn on and the auxiliary output will pulse five times, as shown in the figure below:



Transmitter Battery Replacement

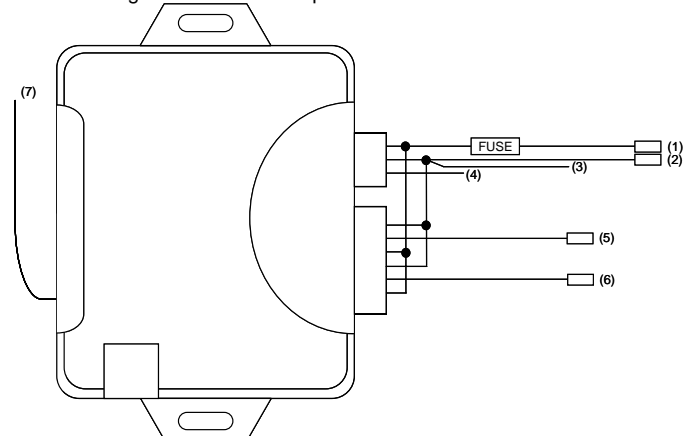
Replace the transmitter battery with two Type CR2016 3VDC batteries. The batteries can be replaced by opening the transmitter enclosure.

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)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

For technical support of this product contact: info@southco.com or visit: www.southco.com.