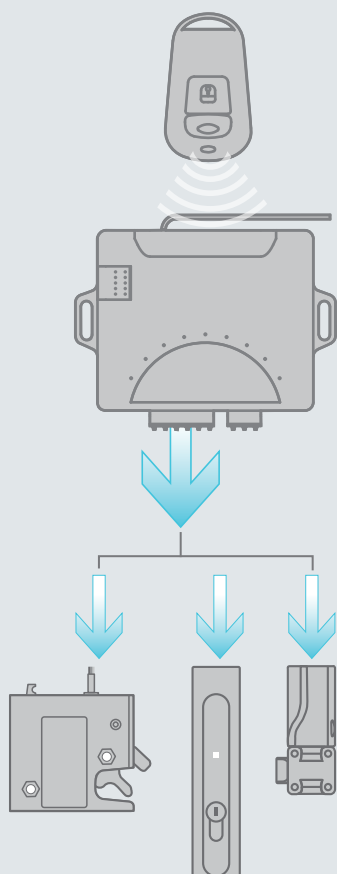




EA-R02 RF Remote Control System

Electronic access

- **Secure, convenient, wireless remote lock actuation**
- **Quick installation and setup**
- **Economical and compact package**
- **Proven 433 MHz radio frequency technology**
- **Up to 4 transmitters per receiver**
- **18 meter (60 feet) unobstructed open air operating range**
- **Auxiliary output for horn/ light indicator output**



Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/EA-R02

Southco's new EA-R02 RF Remote Control System enables remote actuation of Southco electronic locks in a basic, economical package. The EA-R02 uses a palm-size radio frequency (RF) transmitter for remote locking and unlocking of electronic locks. The keyless system consists of a receiver, two key fob style transmitters and interconnecting wire harness. The unit provides precious peace of mind with the added security and convenience that mechanical keys cannot deliver. A simple push of a button can wirelessly control multiple locks for convenient remote control. Setup and installation are both quick and easy for a smooth transition from mechanical to electronic access.

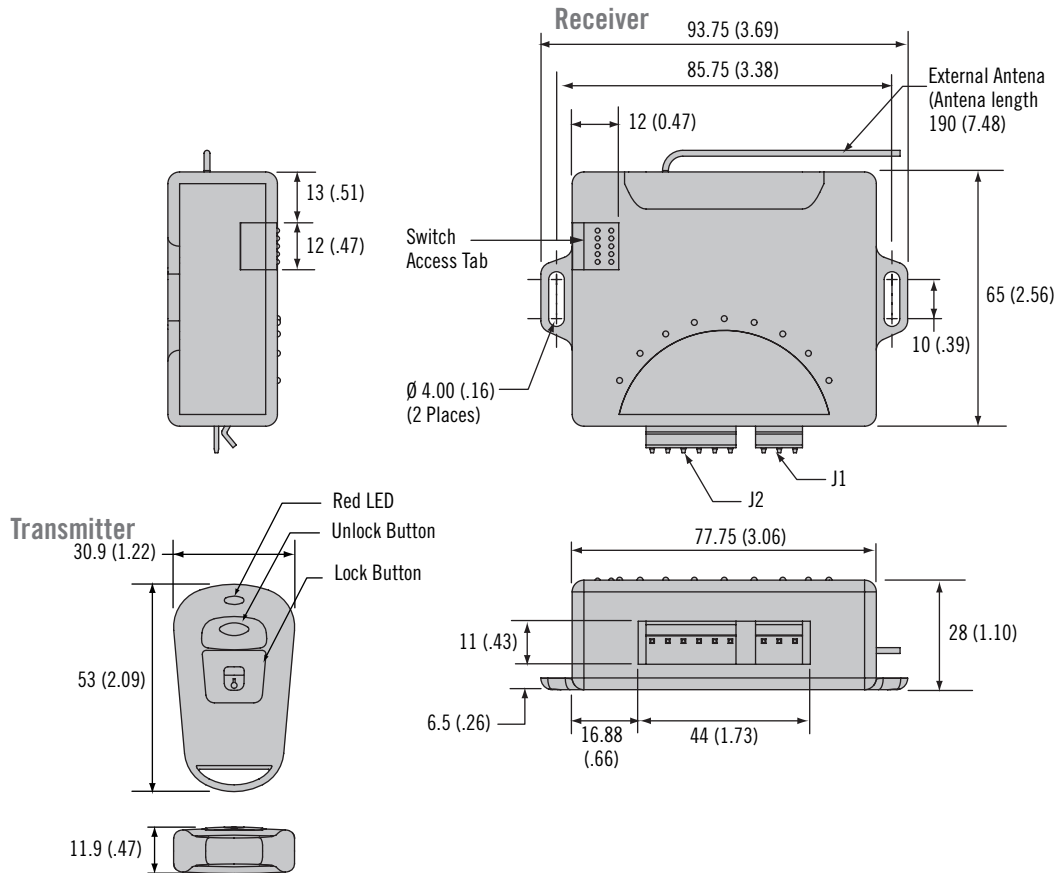


Dimensions in millimeters (inch) unless otherwise stated

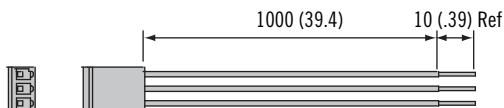
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EA-R02 RF Remote Control System

Electronic access

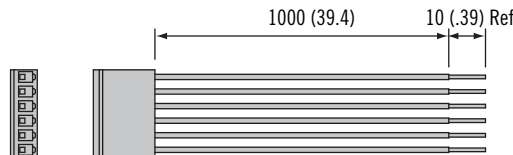


Power Supply and Auxiliary Output Wire Harness (J1)



Pin	Wire Color	Description
1	RED	VCC (+12VDC Power Supply Input)
2	BLACK	GND (Ground)
3	YELLOW	Auxiliary Output (Vout = VCC)

LOCK & UNLOCK Relay Wire Harness (J2)



Pin	Wire Color	Description
1	BLUE/BLACK	LOCK Relay – Normally Closed (typically connect to GND)
2	BLUE	LOCK Relay – Common (typically connect to latch)
3	BLUE/RED	LOCK Relay – Normally Open (typically connect to VCC)
4	GREEN/BLACK	UNLOCK Relay – Normally Closed (typically connect to GND)
5	GREEN	UNLOCK Relay – Common (typically connect to latch)
6	GREEN/RED	UNLOCK Relay – Normally Open (typically connect to VCC)

RF Remote Control System Part Number: EA-R02

Includes 1 Receiver, 2 Keyfobs,
1 Pair Power/Auxiliary and Lock/Unlock Relay Connector Wire Harnesses and Operating Instructions

Dimensions in millimeters (inch) unless otherwise stated



Global Corporate Headquarters and Americas Customer Service & Technical Support Center
Concordville, PA – USA · Tel: (1) 610-459-4000 · Fax: (1) 610-459-4012

Material & Finish

ABS Plastic

Electrical Specifications

Receiver Power: 12VDC ($\pm 10\%$)

Receiver Standby Current: 10mA
MAX, No Attached Devices

Receiver Operating Current: 100mA
MAX, No Attached Devices

Receiver Outputs: Three Form C
Relays, Rated 15A at 14VDC

Receiver Lock/Unlock Output Pulse
Duration: 250ms or 10 sec
(Selectable)

Receiver Operating Temperature:
-20 to 80 °C

Operation

Operating Range: Up to 60 Feet / 18
Meters (Open Air)

Operating Frequency: 433.92MHz

Coding Type: Fixed Code (24-Bit)

Transmitter Power: Type CR2016
3VDC Battery
(Qty 2 per transmitter)

Switch Access Tab

Switch 1 - Used to enroll
transmitters

Switch 2 - Used to set LOCK and
UNLOCK pulse duration



Note:

Individual components can be
ordered separately. Contact Southco
for information.

Other options available. For complete details
on variety, part numbers, installation and
specification, go to



www.southco.com/EA-R02

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EA-99-134	EA-K1-010-9	EA-W01-100-01	EA-W01-52-206-A	EA-W20-401-51
EA-99-162	EA-K1-011	EA-W01-100-21	EA-W01-52-306	EA-W20-500
EA-99-163	EA-K1-011-9	EA-W01-106-52	EA-W01-52-306-52	EA-W20-501-01
EA-99-164	EA-K1-012	EA-W01-123-21	EA-W01-52-306-52-A	EA-W20-501-21
EA-99-166	EA-K1-012-9	EA-W01-1500	EA-W01-52-306-A	EA-W20-501-51
EA-99-175	EA-K1-020	EA-W01-200	EA-W01-523-21	EA-W20-A01-01
EA-99-177-010	EA-K1-020-9	EA-W01-200-01	EA-W01-52-406	EA-W20-A01-21
EA-99-177-020	EA-K1-021	EA-W01-200-21	EA-W01-52-406-52	EA-W20-A01-51
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EA-99-177-100	EA-K1-022	EA-W01-206-52	EA-W01-52-406-A	EA-W20-B01-21
EA-99-177-250	EA-K1-022-9	EA-W01-223-21	EA-W01-52-506	EA-W20-C01-01
EA-99-177-500	EA-K3-033	EA-W01-23-106-52	EA-W01-52-506-52	EA-W20-D01-01
EA-99-286	EA-KC2-101	EA-W01-23-107	EA-W01-52-506-52-A	EA-W20-E01-01
EA-99-292	EA-KC2-102	EA-W01-23-107-03	EA-W01-52-506-A	EA-W21-100
EA-99-304	EA-KC2-103	EA-W01-23-206-52	EA-W01-52-A06	EA-W21-100-01
EA-A01-001	EA-KC2-104	EA-W01-23-207	EA-W01-52-A06-52	EA-W21-100-21
EA-A01-102	EA-KC2-201	EA-W01-23-207-03	EA-W01-52-A06-52-A	EA-W21-100-51
EA-A01-202	EA-P1-010	EA-W01-23-306-52	EA-W01-52-A06-A	EA-W21-100-52
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EA-A02-002-1	EA-P1-011-9	EA-W01-23-406-52	EA-W01-A06-52	EA-W21-200-21
EA-A02-002-2	EA-P1-012	EA-W01-23-407	EA-W01-A17-21	EA-W21-200-51
EA-A02-002-3	EA-P1-012-9	EA-W01-23-407-03	EA-W01-A23-21	EA-W21-200-52
EA-A02-002-4	EA-P3-101-1	EA-W01-23-506-52	EA-W01-B00-01	EA-W21-300
EA-A02-003	EA-P3-200-1	EA-W01-23-507	EA-W01-B00-51	EA-W21-300-01
EA-A02-004	EA-P4-101	EA-W01-23-507-03	EA-W02-102-21	EA-W21-300-21
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EA-A80-002	EA-P5-30600	EA-W01-306-52	EA-W02-503-01	EA-W21-400-52
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