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EA-BT Single Output Bluetooth® Controller

Wireless Monitoring and Access Control

- **Enables wireless monitoring and control of Southco electromechanical latches**
- **Quick plug and play installation**
- **Provides complete access control system with the *Keypanion*™ app**
- **Third party integration with Southco SDK**

Material and Finish

Housing: PC/ABS
Adhesive: Acrylic foam and acrylic adhesive
Potting Material: Silicone based

Electronic Specifications

Supply Voltage: 12 VDC

Operating Temperature: -40°C to 80°C

Operating Humidity: 85% max No condensation

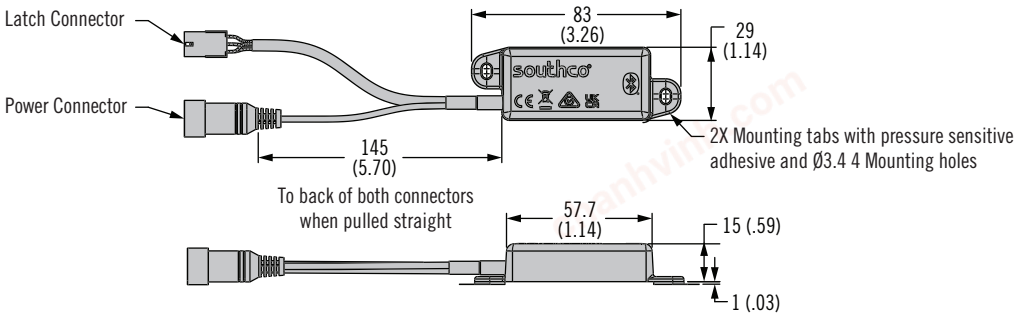
Visit southco.com/ea-bt-bluetooth-controller to download further installation and operation details.

How to order:

1) Order a controller configured to work with the appropriate electromechanical latch
2) Order the interconnect harness to connect the electromechanical latch to the controller (if required)
3) Order Y splitter harness to operate two electromechanical devices from one Bluetooth controller (if required)
4) Order Southco power supply EA-A02-002 and select the appropriate plug adapter (if needed)

Example:

If you are using two H3-EM-60 Electronic Swinghandle latches you will need to order:
EA-BT-4043-10-C1 (qty 1),
EA-W01-A23-21 (qty 2),
EA-W21-20-A01-20 (qty 1) and
EA-A02-002 (qty 1).



Part Number Selection

EA - BT - 4043 - 10 - L

L Configuration (Pre-configured to work with the following Southco latches) Part number example: EA-BT-4043-10-A1

"L"	Electromechanical Device		Interconnect Harness*	Y Splitter Harness**
A1	EM-05-1 & 2 Series Electronic Slide Bolt Latches		Not Required	EA-W21-20-A17-20
A1	R4-EM 2,6,7 Series Electronic Rotary Latches		Not Required	EA-W21-20-A17-20
B1	R4-EM-9D, R4-EM-9P Electronic Rotary Latches		EA-W21-A25-21	EA-W21-20-A01-20
B1	R4-EM-05D Electronic Rotary Latches		EA-W01-A17-21	EA-W21-20-A01-20
C1	EM-10-XX-300, EM-10-XX-400 Electronic Slide Bolt Latches		EA-W21-A03-02	EA-W21-20-A01-20
C1	H3-EM-60 Electronic Swinghandle Latch		EA-W01-A23-21	EA-W21-20-A01-20
C1	H3-EM-80 Sealed Electronic Swinghandle Latch		EA-W01-A17-21	EA-W21-20-A01-20
D1	R4-EM-8 Series Electronic Rotary Latches (12 VDC Version Only)		EA-W24-A03-21	Not Available
E1	R4-50 Heavy-Duty Electronic Rotary Latch		Not Required	Not Available
F1	R4-25 Electronic Rotary Latch (12 VDC Version Only)		Not Required	EA-W21-20-A17-20
F2	AC-EM-102-1042 Electro-Mechanical Actuator		Not Required	EA-W21-20-A17-20

* Wire harnesses listed above are 150 mm (5.9") in length. Other lengths available. Visit southco.com/ea-bt-bluetooth-controller for more information.
** Control and monitor two electromechanical devices from one Bluetooth controller. Devices must be from the same "L" configuration.

EA-A02-002 12VDC Power Supply

(order separately)



Power Plug Adapters

Part Number	Description	Function
EA-A02-002**	Power Supply with NA 2-Pin	
EA-A02-002 & EA-A02-002-2	Power Supply with Euro 2-Pin	
EA-A02-002 & EA-A02-002-3	Power Supply with UK 3-Pin	
EA-A02-002 & EA-A02-002-4	Power Supply with SAA 2-Pin	

**EA-A02-002-1 NA 2-PIN included with EA-A02-002 Power Supply.

Dimensions in millimeters (inch) unless otherwise stated

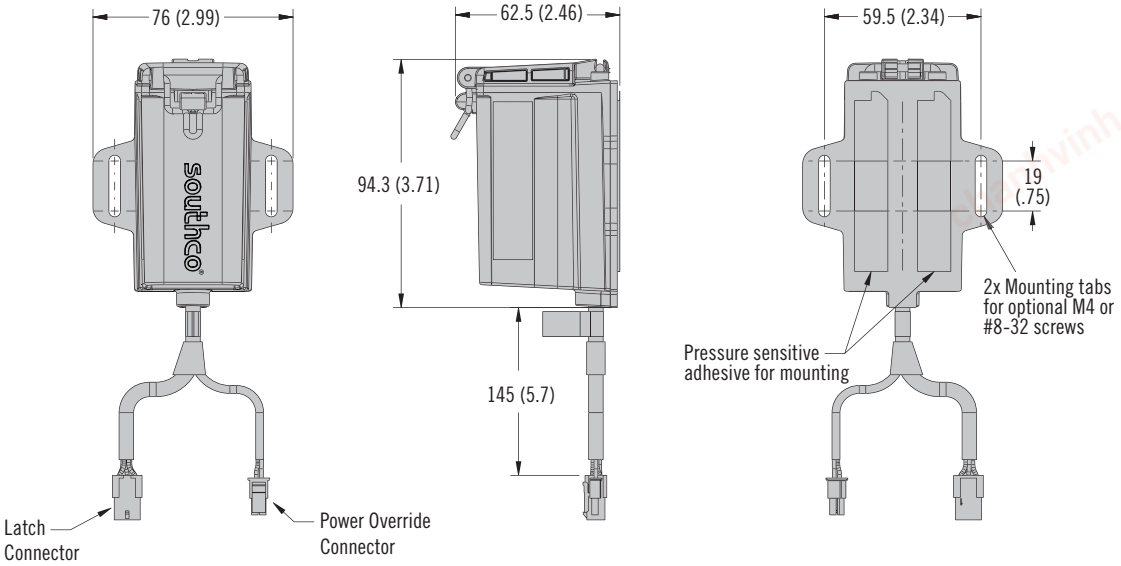
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EA-BT Single Output Bluetooth® Controller

Battery Powered Wireless Monitoring and Access Control





- **Enables wireless monitoring and control of Southco electromechanical latches**
- **Quick plug and play installation**
- **Battery Operated**
- **IP-X6 Sealed**
- **Provides complete access control system with the *Keypanion*® app and web Portal**
- **Third party integration with Southco SDK**

Material and Finish

Housing, Door: Glass-filled nylon
Bail and hinge bar: Stainless steel, passivated
Adhesive: Acrylic foam and acrylic adhesive

Electronic Specifications

Supply Voltage: 6 VDC (Four AA 1.5V Alkaline Batteries - Not Included)

Operating Temperature:
-25°C to 55°C (Battery Dependent)

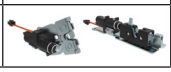
Operating Humidity: 85% max
No condensation

Visit southco.com/ea-bt to download further installation and operation details.

Part Number Selection

EA - BT - 5074 - 10 - L

L Configuration (Pre-configured to work with the following Southco latches) Part number example: EA-BT-5074-10-A1

"L"	Electromechanical Device		Interconnect Harness*	Y Splitter Harness**
A1	EM-05-1 & 2 Series Electronic Slide Bolt Latches		Not Required	EA-W21-20-A17-20
	R4-EM 2 & 6 Series Electronic Latches		Not Required	EA-W21-20-A17-20
	R4-EM 7 Series Electronic Latches		Not Required	Not Available
D1	R4-EM-8 Series Electronic Rotary Latches (12 VDC Version Only)		EA-W24-A03-21	Not Available
F1	R4-25 Electronic Rotary Latch (12 VDC Version Only)		Not Required	EA-W21-20-A17-20
F2	AC-EM-102-1042 Electro-Mechanical Actuator		Not Required	EA-W21-20-A17-20
	R4-05-2 & R4-05-5 Electronic Rotary Latch / Multi-point Rod System Blocker		Not Required	EA-W21-20-A17-20

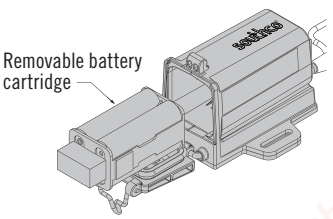
* Wire harnesses listed above are 150 mm (5.9") in length. Other lengths available. Visit southco.com/ea-bt-bluetooth-controller for more information.
** Control and monitor two electromechanical devices simultaneously from one Bluetooth controller. Devices must be from the same "L" configuration

How to order:

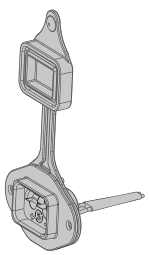
1) Order a controller configured to work with the appropriate electromechanical device
2) Order the interconnect harness to connect the electromechanical latch to the controller (if required)
3) Order Y splitter harness to operate two electromechanical devices from one Bluetooth controller (if required)
4) Order power override port, EA-A40-5901 (if required)

Example:

When using an R4-25 Electronic Rotary Latch with the optional power override port, order the following:
EA-BT-5074-10-F1 (qty 1)
EA-A40-5901 (qty 1)
(Electromechanical devices ordered separately)



Tool-less access for easy battery replacement



EA-A40-5901
Power Override Port (optional)
9 VDC, 1 meter length - other lengths available
Not recommended for use with the Y Splitter Harness

Dimensions in millimeters (inch) unless otherwise stated

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