



## RF Control System

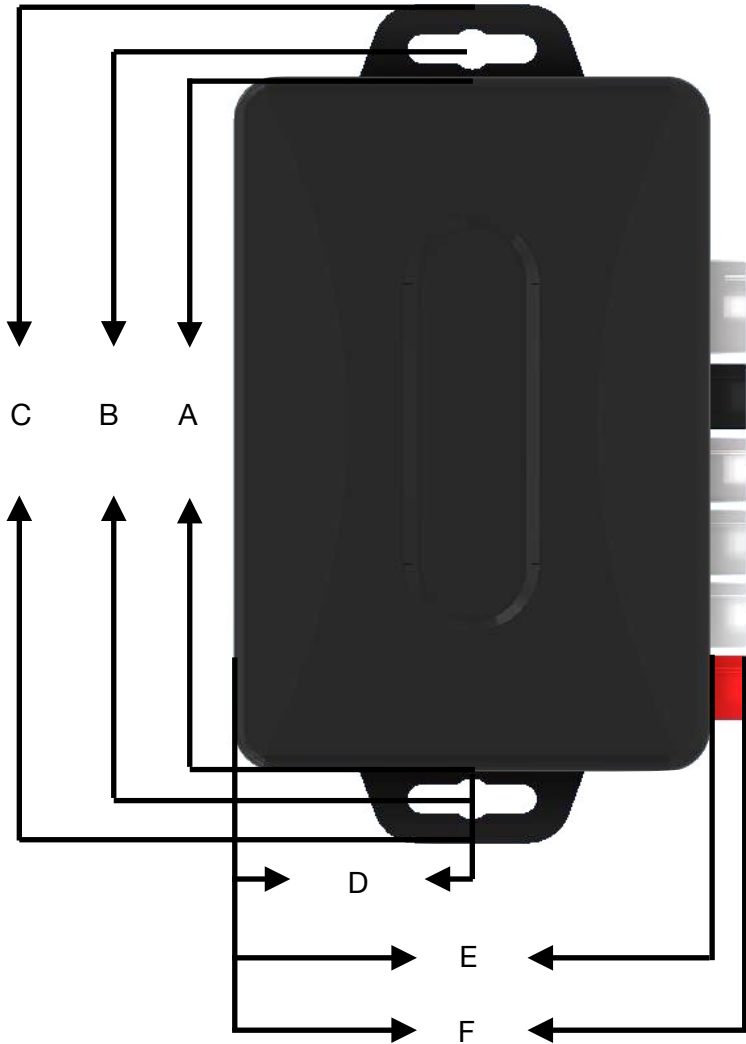
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# DIMENSIONS

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Measurement	Dimension (inch)
A	4.00
B	4.33
C	4.84
D	4.38
E	2.75
F	2.98

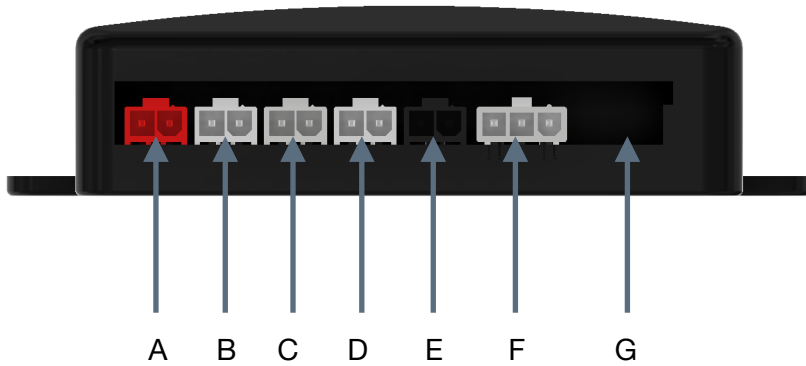
# DIMENSION CONTD.

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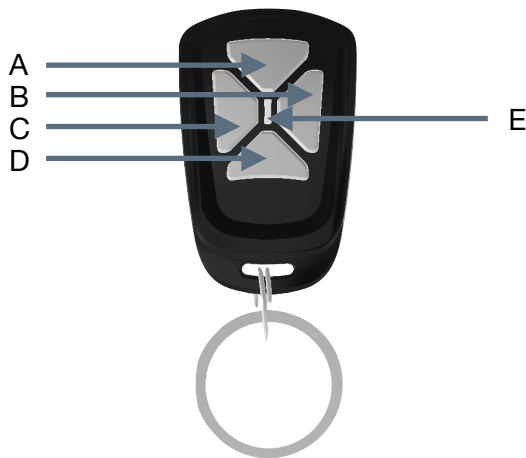
Measurement	Dimension (inch)
G	1.15
H	0.98
I	0.63
J	0.39
K	0.12

# INSTALLATION



Port	Description
A	Power 12VDC
B	Output 1
C	Output 2
D	Output 3
E	Output 4 (LED Light)
F	Input (1, 2, Disable)
G	Pairing Button

- Recommend installing controller in a horizontal position
- If installing vertical, make sure connection ports are pointing down to avoid water build up.
- Use any kind of mounting screws based on application requirements.

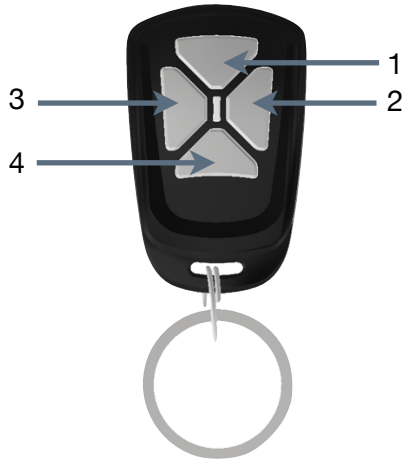


Button	Description
A	Output 1
B	Output 2
C	Output 3
D	Output 4 (LED Light)
E	LED (Transmitting)

- Battery Life 1-2 years
- Replace battery with 1 x CR2032 or 2 x CR2016 (Use 2 x CR2016 for longer life)

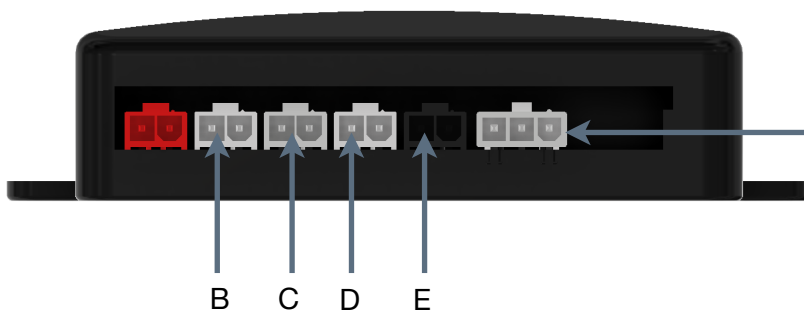
# OPERATION

## BUTTON FUNCTIONS



Button	Function
1	<ul style="list-style-type: none"> <li>UNLOCKS output 1.</li> <li>Auto re-locks after 300 ms.</li> <li>Turns LED light ON for 2 minutes.</li> </ul>
2	<ul style="list-style-type: none"> <li>UNLOCKS output 2.</li> <li>Auto re-locks after 300 ms.</li> <li>Turns LED light ON for 2 minutes.</li> </ul>
3	<ul style="list-style-type: none"> <li>UNLOCKS output 3.</li> <li>Auto re-locks after 300 ms.</li> <li>Turns LED light ON for 2 minutes</li> </ul>
4	<ul style="list-style-type: none"> <li>Turns LED lights ON for 5 minutes.</li> <li>Press again to turn LED lights OFF.</li> </ul>

## INPUT FUNCTIONS



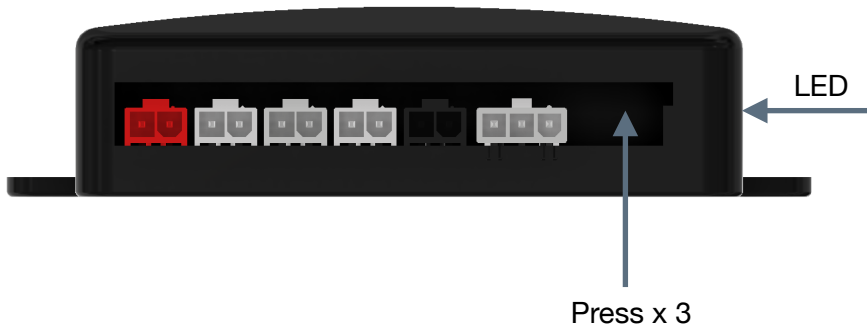
Input	Function
1	UNLOCKS ALL.
2	UNLOCKS last output triggered by key fob.
3	Disables the system

Port	Description
B	Output 1
C	Output 2
D	Output 3
E	Output 4 (LED Light)

# PAIRING

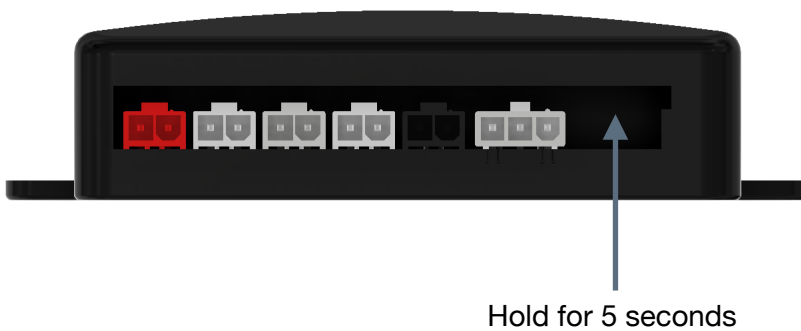
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## PAIR KEY FOBBS

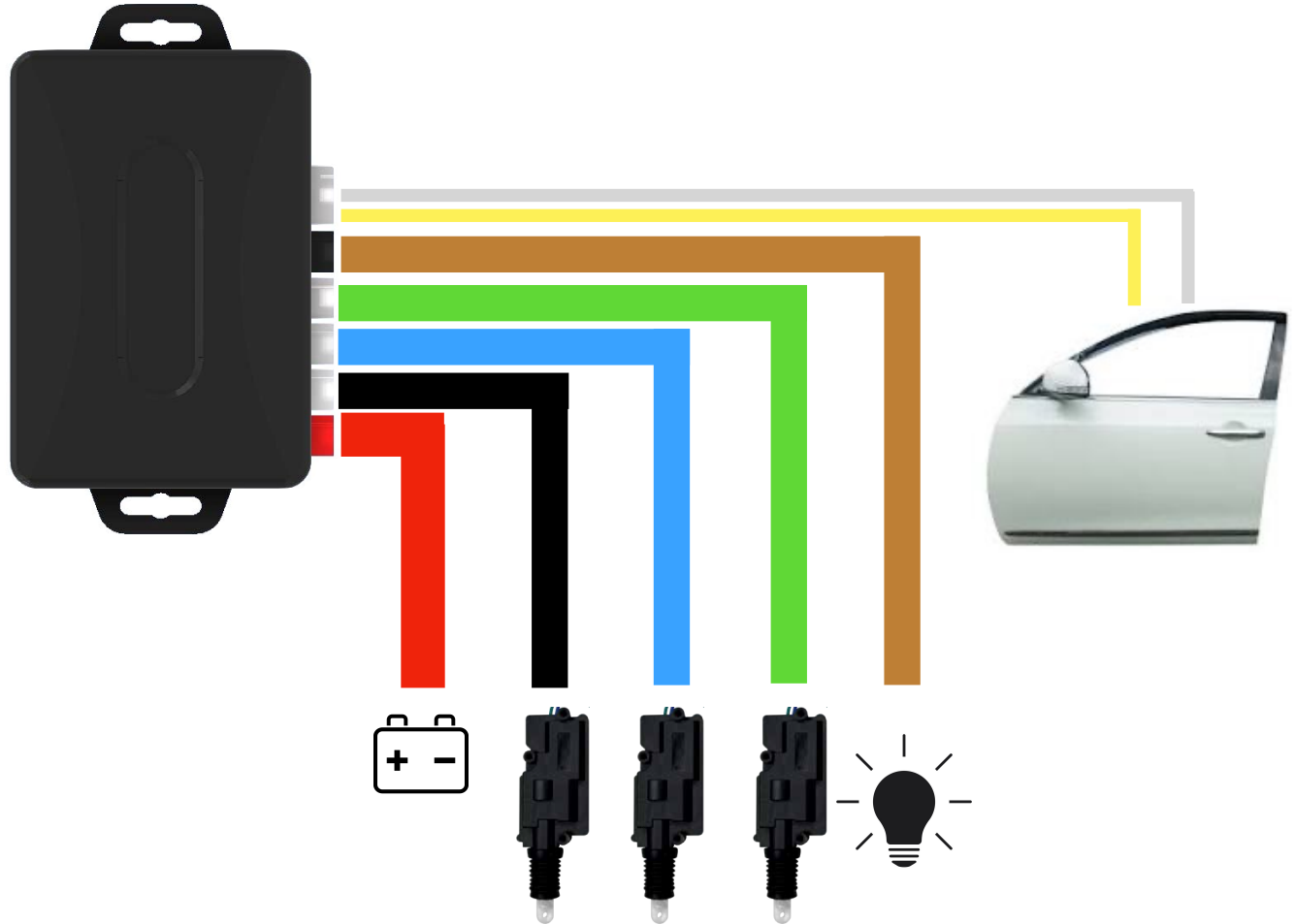


- Pair up to 3 key fobs to 1 controller.
- Press pairing button x 3. LED light will turn on Solid.
- Press any button on first key fob x 1. LED will blink when paired.
- If pairing more key fobs. Repeat for 2nd and 3rd key fobs.
- LED on controller will turn off when pairing is complete.

## RESET ALL PAIRED KEY FOBBS



# EXAMPLE WIRING



Color	Description	Wire Colors*	Cable Part Number
Red	MAIN POWER 12VDC	Blue/Brn or Red/Blk : 12V+/GND	LNL-72-
Black	OUTPUT 1	Blue/Brn or Red/Blk : FWD/REV	
Blue	OUTPUT 2	Blue/Brn or Red/Blk : FWD/REV	
Green	OUTPUT 3	Blue/Brn or Red/Blk : FWD/REV	
Brown	OUTPUT 4 (LED)	Blue/Brn or Red/Blk : +12V/-12V	
Yellow	UNLOCK ALL	Yellow	
Gray	UNLOCK LAST OPENED	Gray	
Pink	DISABLE		



# TECHNICAL SPECIFICATIONS

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## ELECTRICAL

RF Controller	
Input/Output Voltage	12 VDC
Output Current (per output)	20 A
Standby Current	12 mA
Radio Frequency (RF)	433 MHz (range up to 60ft/18m)

Key Fobs	
Output Voltage	6 VDC
Radio Frequency (RF)	433 MHz (range up to 60ft/18m)
Battery Life	1-2 years
Battery	Replace battery with 1 x CR2032 or 2 x CR2016 (Use 2 x CR2016 for longer life)

## ENVIRONMENTAL

RF Controller	
Operating Temperature	-20°C to 80°C (-4°F to 176°F)
Operating Humidity (RH)	95%
IP Rating	IP42

# REGULATORY

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FCC ID: 2A2WT-LNL72  
C-TICK: 2023SZ0306311  
IC-ID: ES0001-ISED-6078

FCC Part15 C Section 15.207

FCC Compliance Statement (e.g., products subject to Part 15) 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.

