

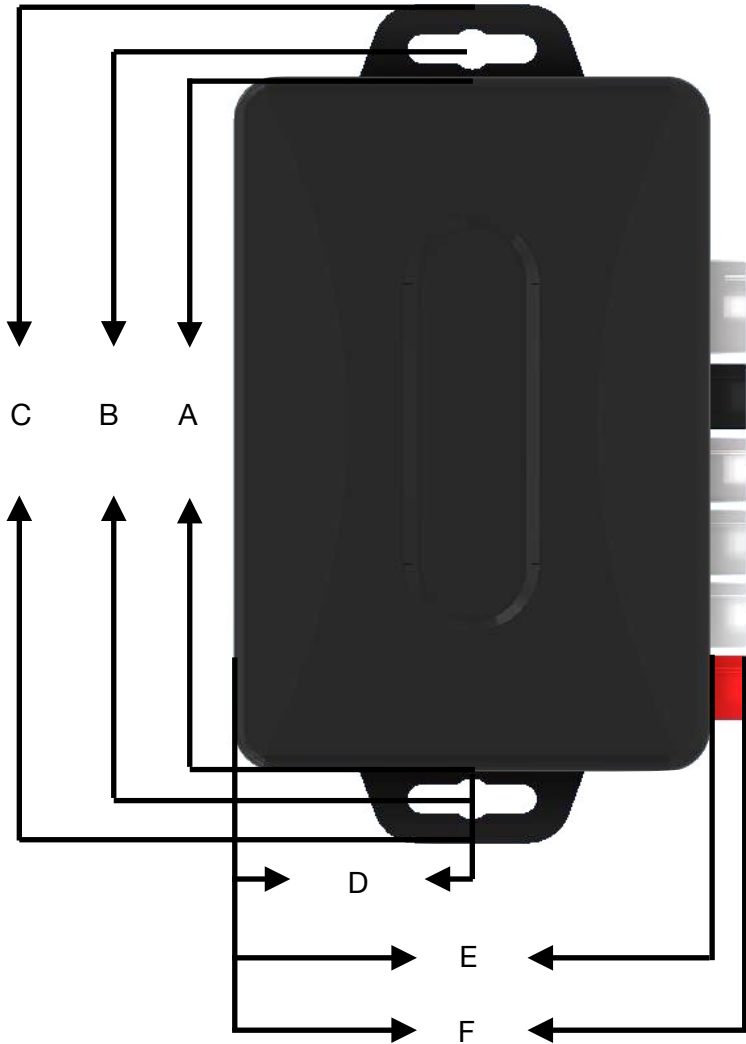


RF Control System

TABLE OF CONTENTS

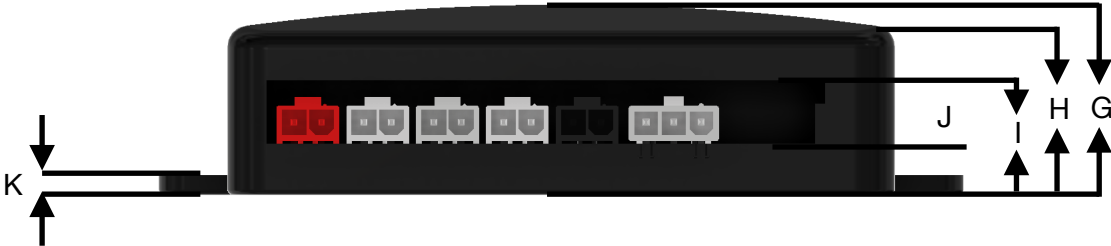
TABLE OF CONTENTS	2
DIMENSIONS	3
DIMENSION CONTD.	4
INSTALLATION	5
OPERATION	6
BUTTON FUNCTIONS	6
INPUT FUNCTIONS	6
PAIRING	7
PAIR KEY FOBS	7
RESET ALL PAIRED KEY FOBS	7
EXAMPLE WIRING	8
TECHNICAL SPECIFICATIONS	9
ELECTRICAL	9
ENVIRONMENTAL	9
ACCESSORIES	10
Output Wire Harness	10
Power Wire Harness	10
Input Wire Harness	10
Harness Kit	10
Key Fob Remotes	11
REGULATORY	12

DIMENSIONS



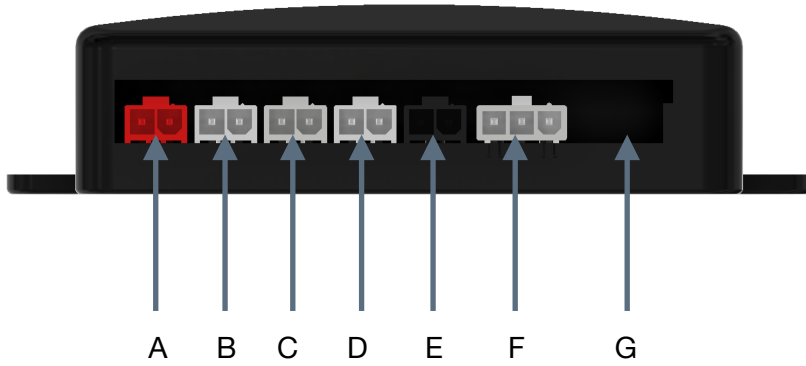
Measurement	Dimension (inch)
A	4.00
B	4.33
C	4.84
D	4.38
E	2.75
F	2.98

DIMENSION CONTD.



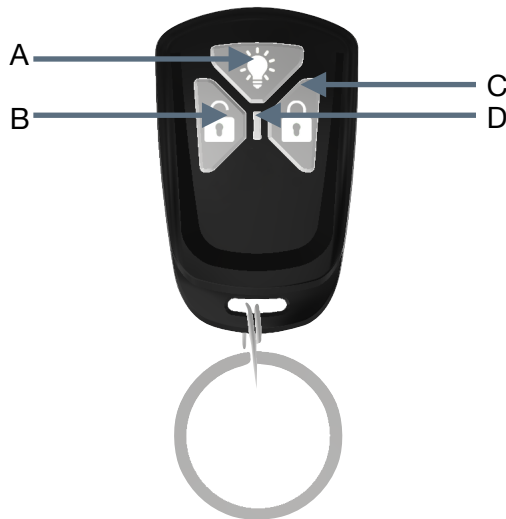
Measurement	Dimension (inch)
G	1.15
H	0.98
I	0.63
J	0.39
K	0.12

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.

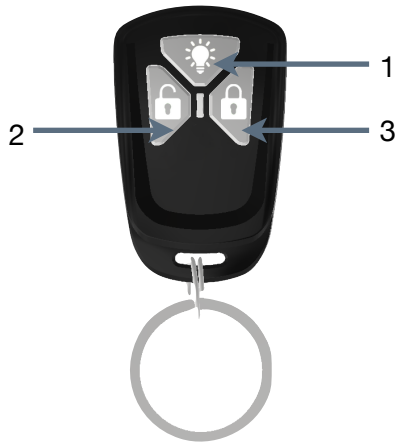


Button	Description
A	Output 4 (LED Light)
B	Unlock Output 1-3
C	Lock Output 1-3
D	LED (Transmitting)

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

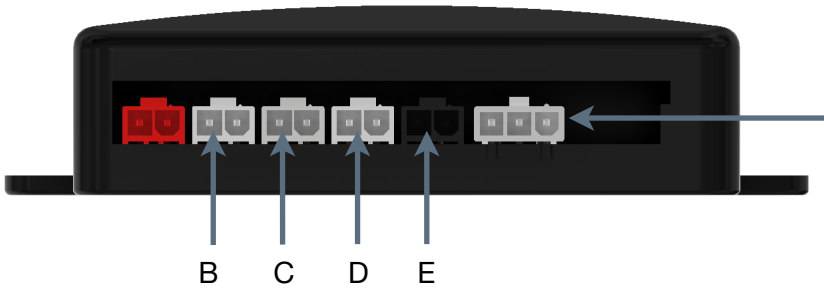
OPERATION

BUTTON FUNCTIONS



Button	Description
1	<ul style="list-style-type: none"> LED lights turn ON for 5 minutes. Press again to turn LED lights OFF.
2	<ul style="list-style-type: none"> UNLOCKS ALL Outputs (1-3). LED lights turn ON for 2 minutes.
3	<ul style="list-style-type: none"> LOCKS ALL Outputs (1-3). LED lights turn OFF for 2 minutes.

INPUT FUNCTIONS

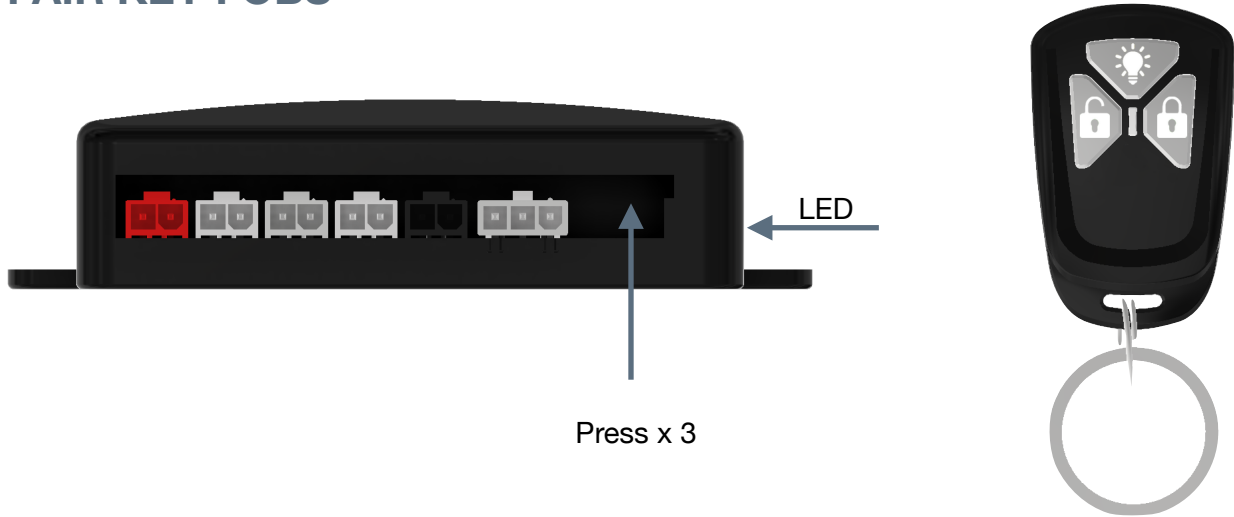


Input	Description
1	Unlocks ALL
2	Locks ALL
3	Disables the system

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

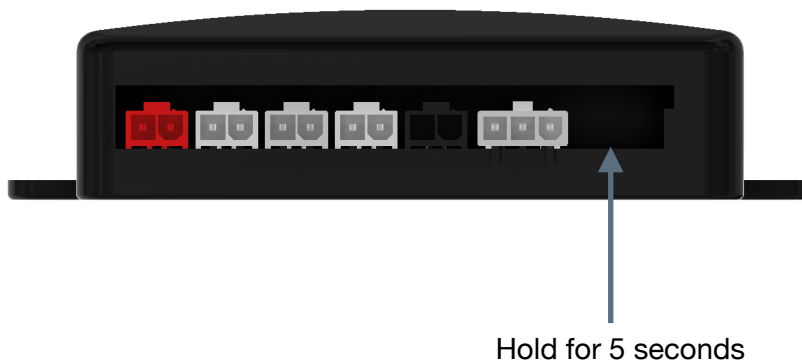
PAIRING

PAIR KEY FOBBS

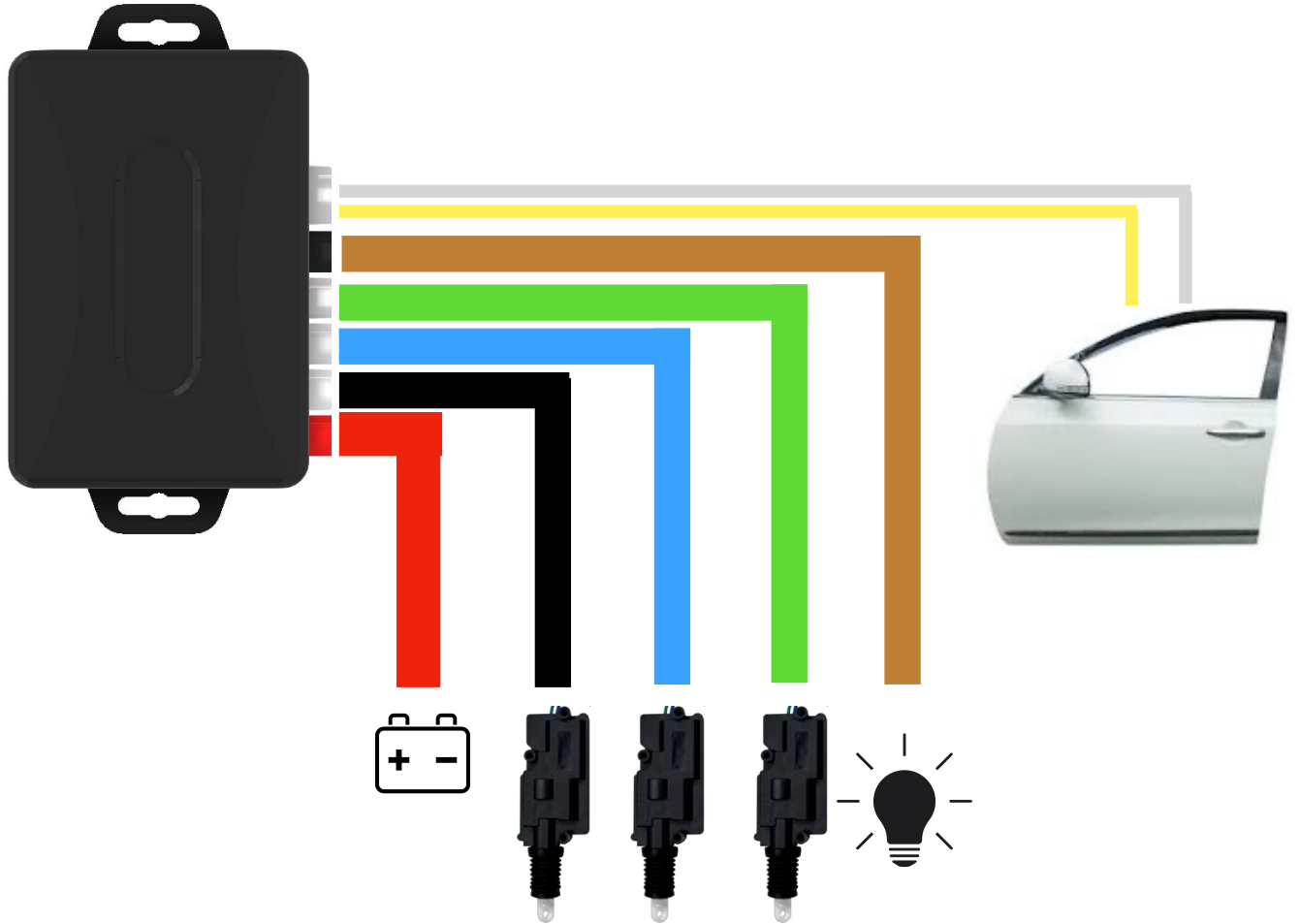


- Pair up to 3 key fobs to 1 controller.
- Press pairing button x 3. LED light will turn on Solid.
- Press any button on first key fob x 1. LED will blink when paired.
- If pairing more key fobs. Repeat for 2nd and 3rd key fobs.
- LED on controller will turn off when pairing is complete.

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

ELECTRICAL

RF Controller	
Input/Output Voltage	12 VDC
Output Current (per output)	20 A
Standby Current	12 mA
Radio Frequency (RF)	433.92 MHz (range up to 60ft/18m)

Key Fobs	
Input Voltage	3 - 7 VDC
Radio Frequency (RF)	433.92 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

ACCESSORIES

Output Wire Harness

Part Number	Description	Wire Gauge	Connectors
LNL-72-013XX	2 ft Length	18	5557 2 pin Molex Mini-Fit to bare wire
LNL-72-013XX-03-01	3 ft Length	18	5557 2 pin Molex Mini-Fit to bare wire
LNL-72-013XX-06-01	6 ft Length	18	5557 2 pin Molex Mini-Fit to bare wire
LNL-72-013XX-10-01	10 ft Length	18	5557 2 pin Molex Mini-Fit to bare wire
LNL-72-013XX-12-01	12 ft Length	18	5557 2 pin Molex Mini-Fit to bare wire

BLACK - 00 // WHITE - 01

Power Wire Harness

Part Number	Description	Wire Gauge	Connectors
LNL-72-01302	2 ft Length	18	5557 2 pin Molex Mini-Fit to bare wire
LNL-72-01302-XX-01	Sizes below	16	5557 2 pin Molex Mini-Fit to bare wire
LNL-72-01201	3 ft Length	18	5557 2 pin Molex Mini-Fit to TE C-28080
LNL-72-01202-XX-01	Sizes below	16	5557 2 pin Molex Mini-Fit to TE C-28080

3 FT - 03 // 6 FT - 06 // 10 FT - 10 // 12 FT - 12

Input Wire Harness

Part Number	Description	Wire Gauge	Connectors
LNL-72-01303	Input cable 5.5 inch	18	3C Molex Micro-Fit to 2 x female spade/bullet

Harness Kit

LNL-72-01112-PK		
P/N	Description	Qty
LNL-72-01300	2 Ft (5557 2 pin Molex Mini-Fit (Black) to bare wire)	1
LNL-72-01301	2 Ft (5557 2 pin Molex Mini-Fit (White) to bare wire)	3
LNL-72-01302	2 Ft (5557 2 pin Molex Mini-Fit (Red) to bare wire)	1
LNL-72-01303	3 pin Molex Mini-Fit to 2 x female spade/bullet	1

Key Fob Remotes

Part Number	Description
LNL-72-01910	4 Button Key fob
LNL-72-01920	3 Button Key fob
LNL-72-01912	2 Button Key fob

REGULATORY

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.



