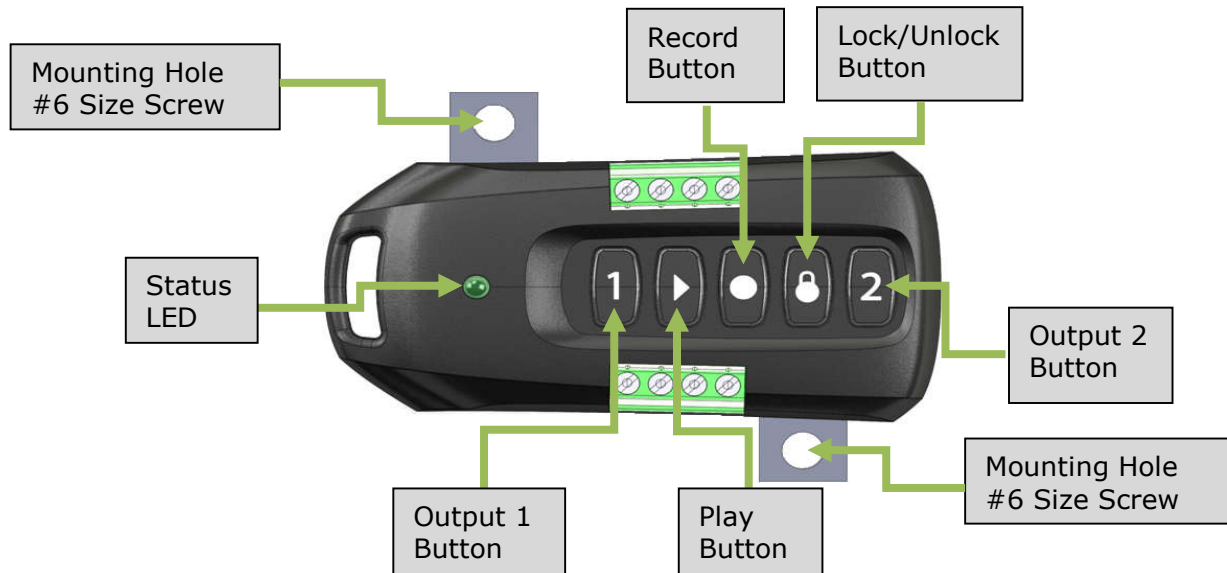


Getting to Know Your SimpleLIFE Controller



Button Descriptions

Record

Press the record button to start and stop the recording of your animation. When the record button is pressed the status LED will light solid red while recording is in progress. Press the record button again to stop the recording process.

Note: The controller will automatically stop recording after four minutes if you do not press the record button after recording has begun.

Note: If the animation recording is locked recording is disabled. The status LED will blink red four times indicating the controller is locked. To unlock the animation recording press the lock/unlock button.

Output 1 and Output 2

These buttons control the outputs of the animation when a recording is in progress. Pressing the Output 1 or Output 2 button will turn the output on during the recording process.

Note: Each output can be configured for Normally Open or Normally Closed operation. See SimpleLIFE Controller FAQs for details.

Play

Press the play button to playback the recorded animation. The status LED will light solid green during the animation playback.

Lock/Unlock

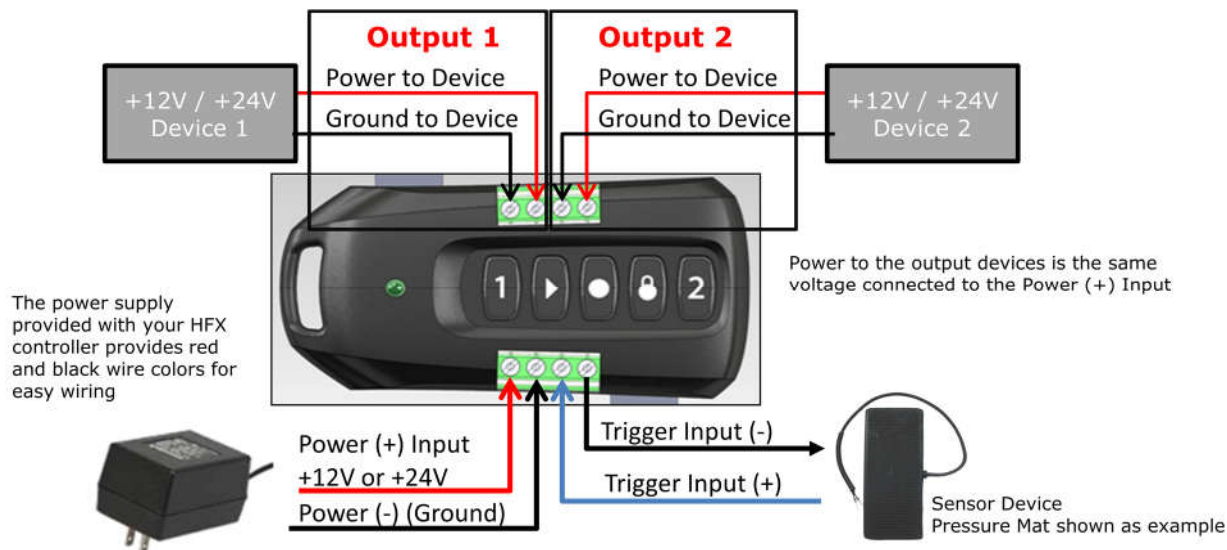
Press the lock/unlock button to toggle between locking and unlocking the recorded animation. Locking the animation is useful to protect your recording from being accidentally erased. The lock/unlock button is active only when the LED is blinking green waiting for a trigger to occur. The status LED will blink red four times after the lock/unlock button is pressed to indicate a locked state. The status LED will blink green quickly four times after the lock/unlock button is pressed to indicate an unlocked state.

How to Wire Connections



Screw Terminal	Signal Name
1	Output 1 (-)
2	Output 1 (+) Note: Same voltage as power supply (+) Input
3	Output 2 (-)
4	Output 2 (+) Note: Same voltage as power supply (+) Input
5	Power Supply (+) Input (9 V to 26 V)
6	Power Supply (-) Input (Ground)
7	Trigger Input (+)
8	Ground (Connected to Power Supply (-) Input) Note: Can be used as Trigger Input (-)

Caution: Each output provides a maximum of 2.5A. Your output device must not require more than 30 Watts for 12V devices or 60 Watts for 24V devices. Check the manufacturer's specifications for your output devices to ensure you are within these limits.



Understanding the Status LED

LED Condition	Controller Activity
Green LED solid ON (not blinking)	Animation is running because the play button was pressed or the trigger is active. NOTE: This is the factory default state of the status LED
Green LED continuously blinking	The controller is waiting for the trigger to occur.
Green LED blinking quickly four times	Blinks four times when the lock/unlock button is pressed indicating the controller is unlocked.
Red LED solid ON (not blinking)	Animation is being recorded.
Red LED blinking quickly four times	Blinks four times when the lock/unlock button is pressed indicating the controller is locked. NOTE: The Red LED will blink four times anytime the record button is pressed and the controller is currently locked.

SimpleLIFE Controller FAQs

Can I change the state of the outputs from Normally Open to Normally Closed?

Yes, each output can be individually configured for a normally open (NO) or normally closed (NC) action. The factory default for both outputs is normally open. To change the behavior press and hold the output button of interest and apply power to the controller while keeping the output button pressed. Wait a second and then release the button after power is supplied. To switch back to normally open behavior repeat the process.

How do I trigger the controller continuously?

Just connect a wire between the trigger input and either one of the two ground screw terminals.

What if I accidentally wire the power supply to the wrong terminals?

Don't worry about it. The SimpleLIFE controller is fully protected against any wiring mistakes.

Can I control AC powered devices with the SimpleLIFE Controller?

Yes, but you will need the AC-EZ accessory box. With the AC-EZ accessory you can connect two AC powered devices and control them independently without cutting any wires or cords. No more safety hazards!

Device Specifications

Power Supply Input Range	+9 V min up to +26 V max <i>Note: +12 VDC or +24 VDC supplies are typically used</i>
Digital Outputs (Solid State)	2 Outputs 3 Amps max current for each output **
Trigger Input	1 Input Connect the input to ground to activate the trigger
Animation Time	4 minutes max
Physical Dimensions	2.75 in x 1.27 in x 0.69 in (69.85 mm x 34.8 mm x 17.53mm)

** The input power supply must be able to provide enough current for the devices connected to the outputs. Below are examples:

12 V @ 24 W Current (Amps) = 24 W / 12 V = 2 Amps

Your input supply must provide at least 12 @ 2A = 24 Watts