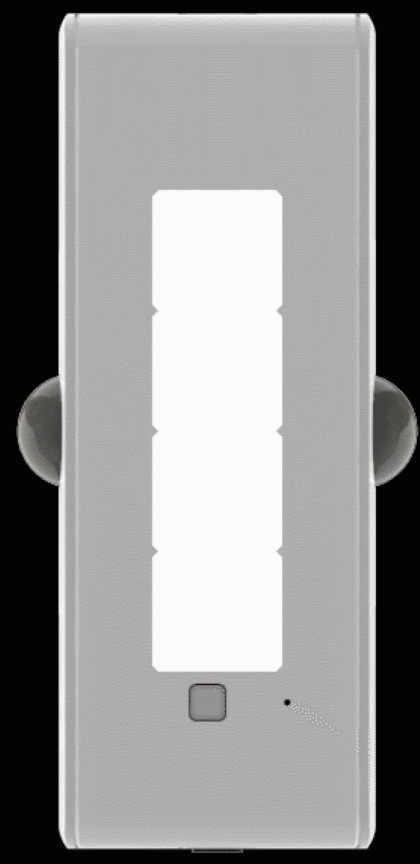
GR8 TEK

SMARTLED

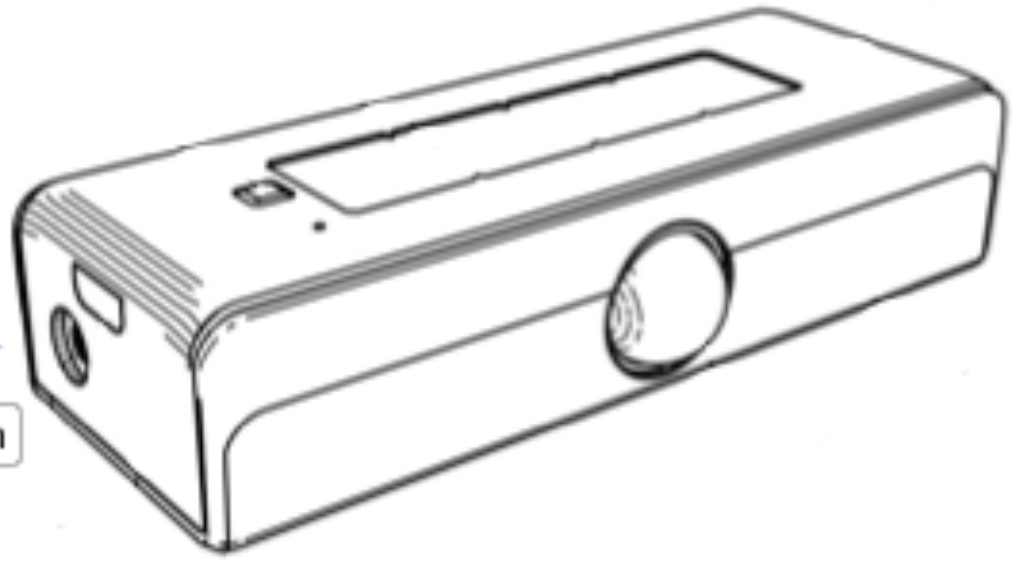
powered by GR8TEK™



Smart LED System
Comfort
Safety
Convenience
On-demand motion activation
Multi-color & extendible
Toolless install
Rechargeable internal battery
Low-voltage 5v

Patent #US 10,939,535 B1
Patent #US 10,813,201 B1
Made in U.S.A

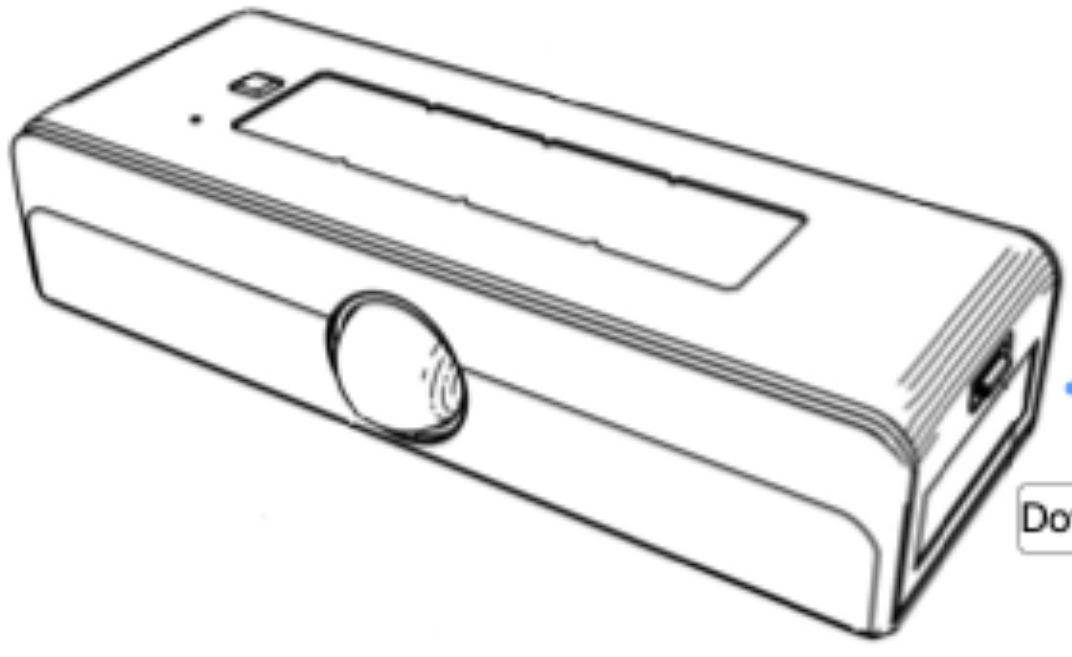
You can plugin the AC adapter into the primary unit in order for the battery to charge.



AC Adapter

Power Supply connection

Primary Unit



Connect to eXtender unit

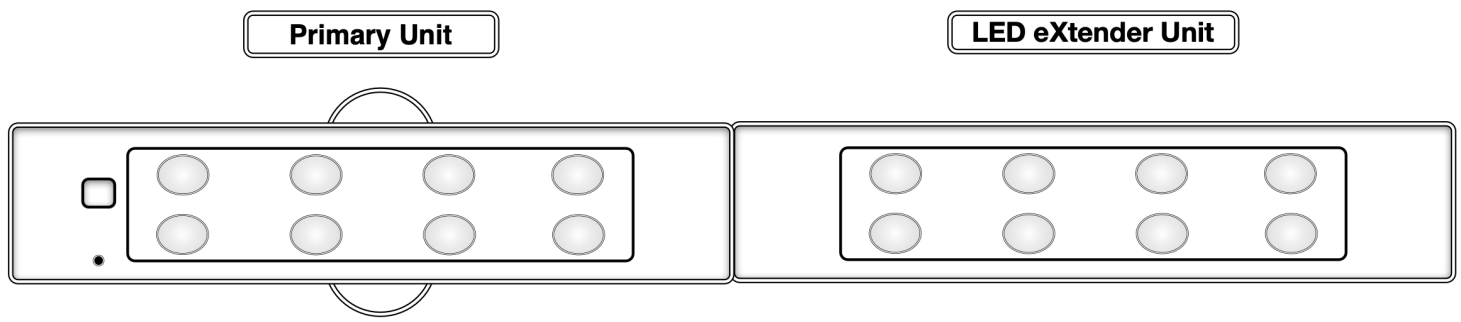
Downstream to LED eXtenders

What’s in the box

- USB BRICK
- User Guide
- Primary Unit
- eXtender Unit
- Rail eXtender
- USB 90 degree cable
- 6 x Rail Screws

SMRT LED - Quick Start Guide

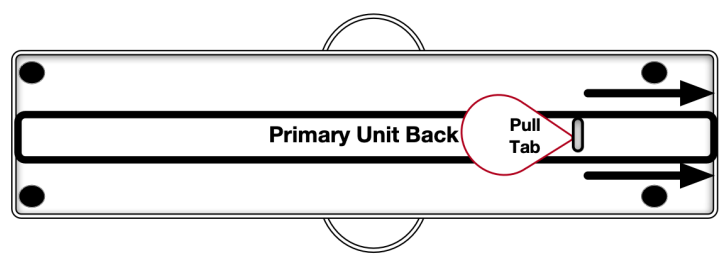
Smart LED System consist of two units:
Primary LED Unit and the **eXtender LED Unit**



How to activate the battery & turn on

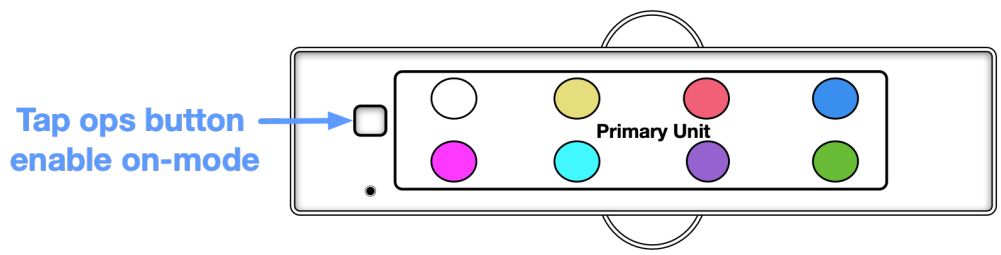
A Battery Activation (Pull Battery Tab)

A. Once you are ready to use the primary unit, please remove the battery plastic tab.



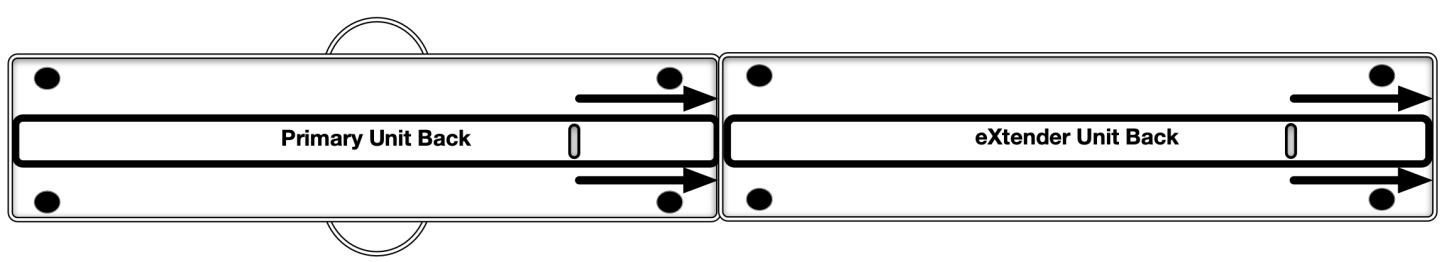
B Normal Operation (on-mode - cool white)

A single tap of the Ops button turns on primary unit to on-mode, keeping LEDs always on.



C Snap Primary & eXtender in the same direction

Bottom side view, illustrating how eXtenders snap together in the same direction of the arrows → downstream, growing the Smart LED System as long as needed.



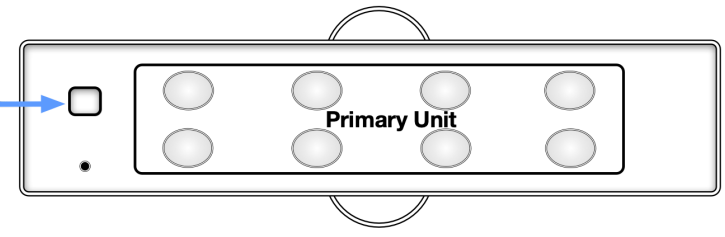
How to switch between **motion-detect** & **on-mode** of your Smart LED System

1 Normal Operation (on-mode - cool white)

1. A single tap of the Ops button enables on-mode, which indicates its always on.

Step #1

Tap ops button switch on-mode

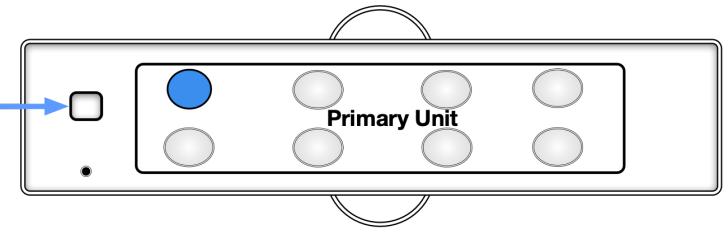


2 Motion Detect Operation (blue LED motion-detect mode)

2. Successive taps of the Ops button allows you to toggle between on-mode and motion-detect mode, while in motion detect mode, there is one blue LED active until motion is triggered

Step #2

Tap ops button switch between on-mode / motion-detect

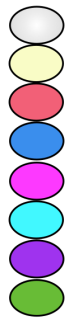


Change the **color** of your Smart LED System.

3 Enter Color Configuration Mode (Set preferred color)

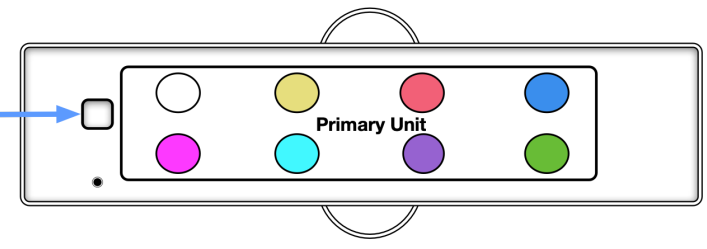
3. **Double click** ops button from the on-mode to enter **color configuration mode** the color selections below will appear:

One tap:	Cool White
Two taps:	Warm White
Three taps:	Red
Four taps:	Blue
Five taps:	Pink
Six taps:	Cyan
Seven taps:	Purple
Eight taps:	Green



Step #3

Double click



Double clicking the ops button enters the color settings
Color Config mode: cycle through desired colors by tapping to the color

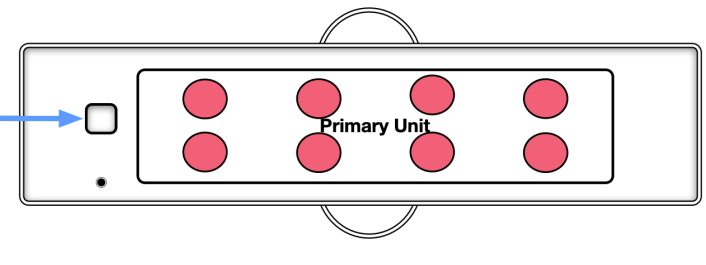
4 In Color Configuration Mode (Set preferred color)

Example-setting your smart LED system to red.
Once in Color Configuration Mode (Set color: RED)

4. While in color config mode, tap ops button until the red color appears, wait 10 seconds for the new default color to be red: Red color enabled 

Step #4

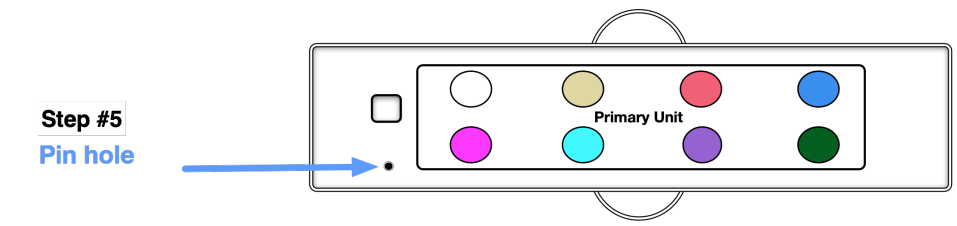
Change default LED color to RED



Resetting & operating modes of your Smart LED System

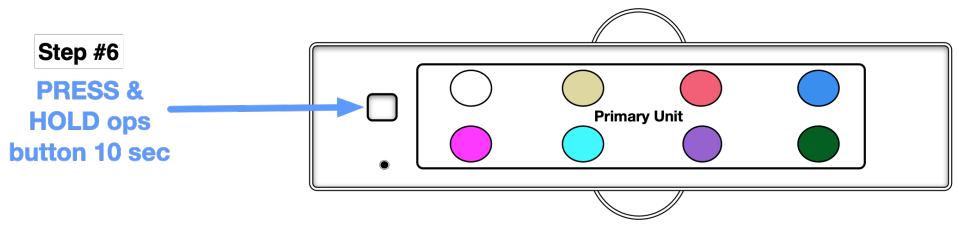
5 Reset Processor

5. Gently insert **paper clip** into the reset pin hole to reset the system, the color selection display will be shown for 15 seconds following the system reboot.



6 Factory Reset

6. From color-config splash screen press and hold ops button for 10 seconds until the primary unit flashes white 3 times to reset to factory default settings.



Changing operational modes of your Smart LED System

The **following table** indicates the different modes of the system & how to transition between those modes using Ops button. When battery tab is pulled, the system starts in **OFF-MODE**. For example, if you would like to change the default color, enable the COLOR-CONFIG mode. You look in the 3 columns displayed in the table below for **COLOR-CONFIG** first do a single click of the Op's button to go from OFF to ON mode, then a double click to get to COLOR-CONFIG mode.

Mode ↓ OPS Button →	Single Click	Double Click	HOLD
OFF-MODE	ON-MODE	ON-MODE	BRITE-CONTROL
ON-MODE	MOTION-DETECT	COLOR-CONFIG	OFF-MODE
MOTION-DETECT	ON-MODE	COLOR-CONFIG	OFF-MODE
COLOR-CONFIG	NEXT COLOR	NEXT COLOR	FACTORY-RESET

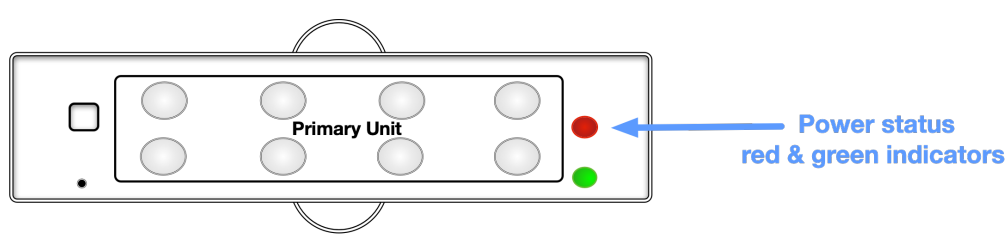
ON-MODE – Is entered from either OFF-MODE or MOTION-DETECT mode by a single click of the Ops button, all LED's are powered on with a set color & brightness.

MOTION-DETECT – Is entered from the LED's ON-MODE by a single click of the Ops button. In this mode the LED's are controlled by any motion near the LED system. There is a delay of 20 seconds after this mode is entered before actual motion detection is activated. Once the Motion Detect mode is active it will detect motion for up to 25 feet and turn on the LED's. In the absence of any motion the LED's will go off after 55 seconds. When going from Motion Detect mode to LED's On mode and the LED's are still on due to motion, there will be a brief dark pulse to verify the transition to the LED's On mode.

Color Configuration – This mode is entered with a double click while in the LED's On mode. In this mode a multi-color LED display will appear. A single click of the Ops button will display the first color selection on the previous multi-color display on all eight LED's. Each subsequent click will go to the next color. The selection process will wrap around and repeat the color selection choices. When the desired color has been selected, just wait for a few seconds there will be a double flash which will indicate that color has been saved.

Brightness Control - In this mode the brightness of the LED's can be adjusted. To enter this mode, you must first go to Off mode. Then hold down the Ops button. When you first enter Brightness Control mode as you are holding down the Ops button the brightness will start to decrease. If you release the Ops button it will stay at that brightness. If you press the Ops button again, the brightness will increase until you release the Ops button. Repeat this process until the desired brightness is achieved. Then wait and after a few seconds there will be a flash indicating that brightness has been saved.

Factory Reset – This mode is entered from the Color Configuration mode by holding down the Ops button when the Color Configuration screen is first displayed before making any color selections. There will be a series of three cool white color flashes to indicate the system has been reset and saved the factory default color and brightness settings. A single click on the ops button after factory reset turns on the LEDs and returns back to default cool white and default brightness.



LED Power Status Indicators

On the Primary Unit at the opposite end from the Ops button there are two LED power indicators:

Green LED Indicates battery is being charged and unit is plugged into the adaptor

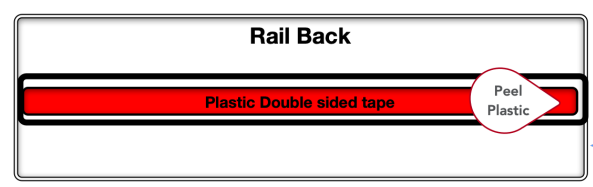
Red LED It remains off while the battery remains charged. Red LED start blinking when the battery discharges to 20% & solid red at 10%

How to install the rails of your Smart LED System

Toolless Double sided tape Rails Installation

7 Tool-free Rail Installation

6. Once you are ready to mount the primary unit, peel off and remove the plastic layer on the adhesive. In order to attach the Rails to the surface, put pressure on the tape and wait 30 minutes prior to attaching primary or eXtender unit to the rail. For best results allow the tape to cure for 24 hours.



Step #7

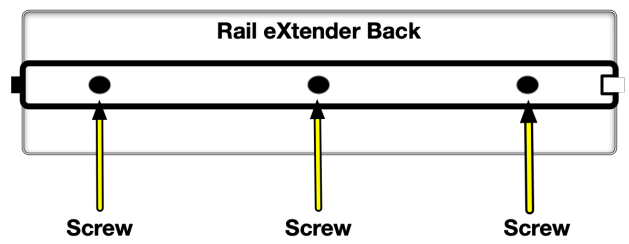
Remove plastic

Locate the target surface and peel of the plastic and attach
Remove plastic and push hard end to end to attach the rails

Screw In Rails Installation

7a Screw in Rails Installation

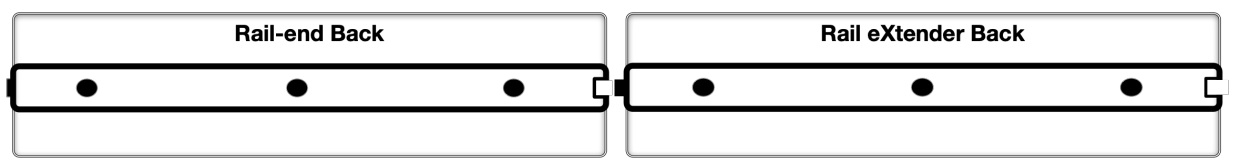
Alternatively, you can use the included three Philips screws to secure the rails. For best fit, completely remove the double sided tape from the rails, then use the screws to attach the rails to the mounting surface.



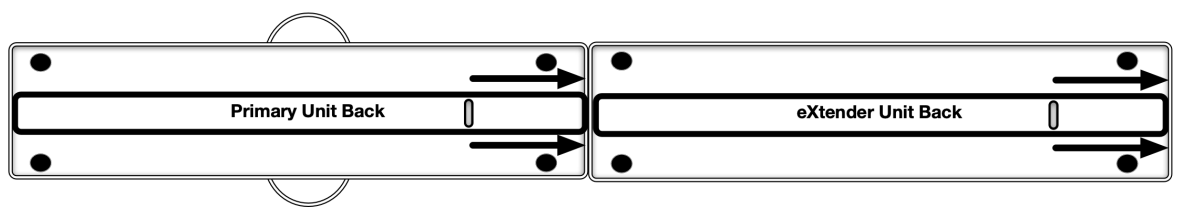
Step #7a

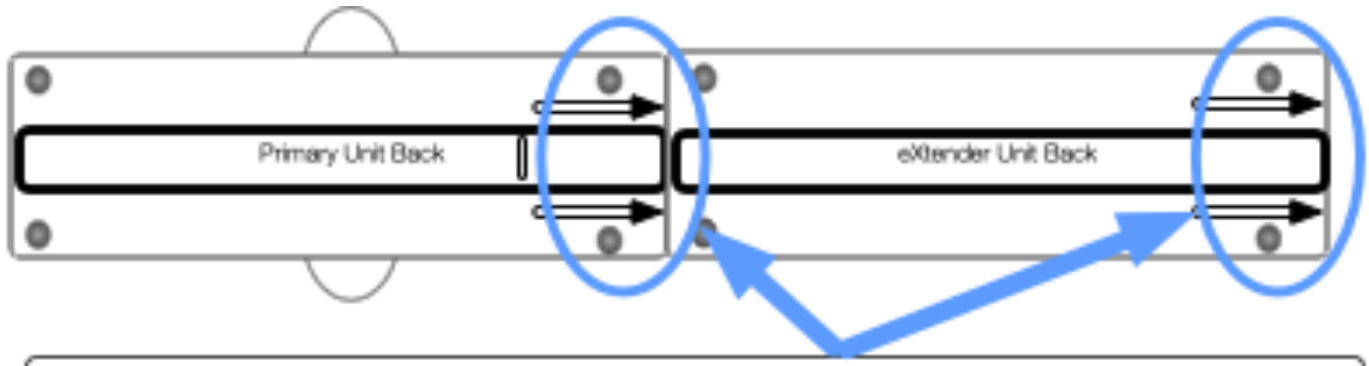
Install 3 screws

Use 3 screws per rail to screw into the mounting surface

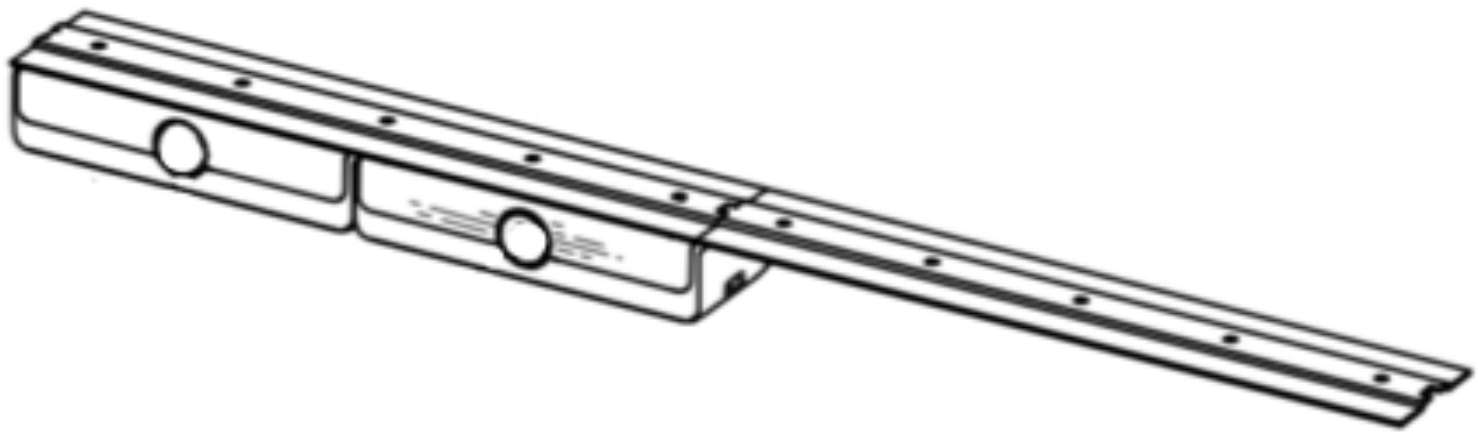


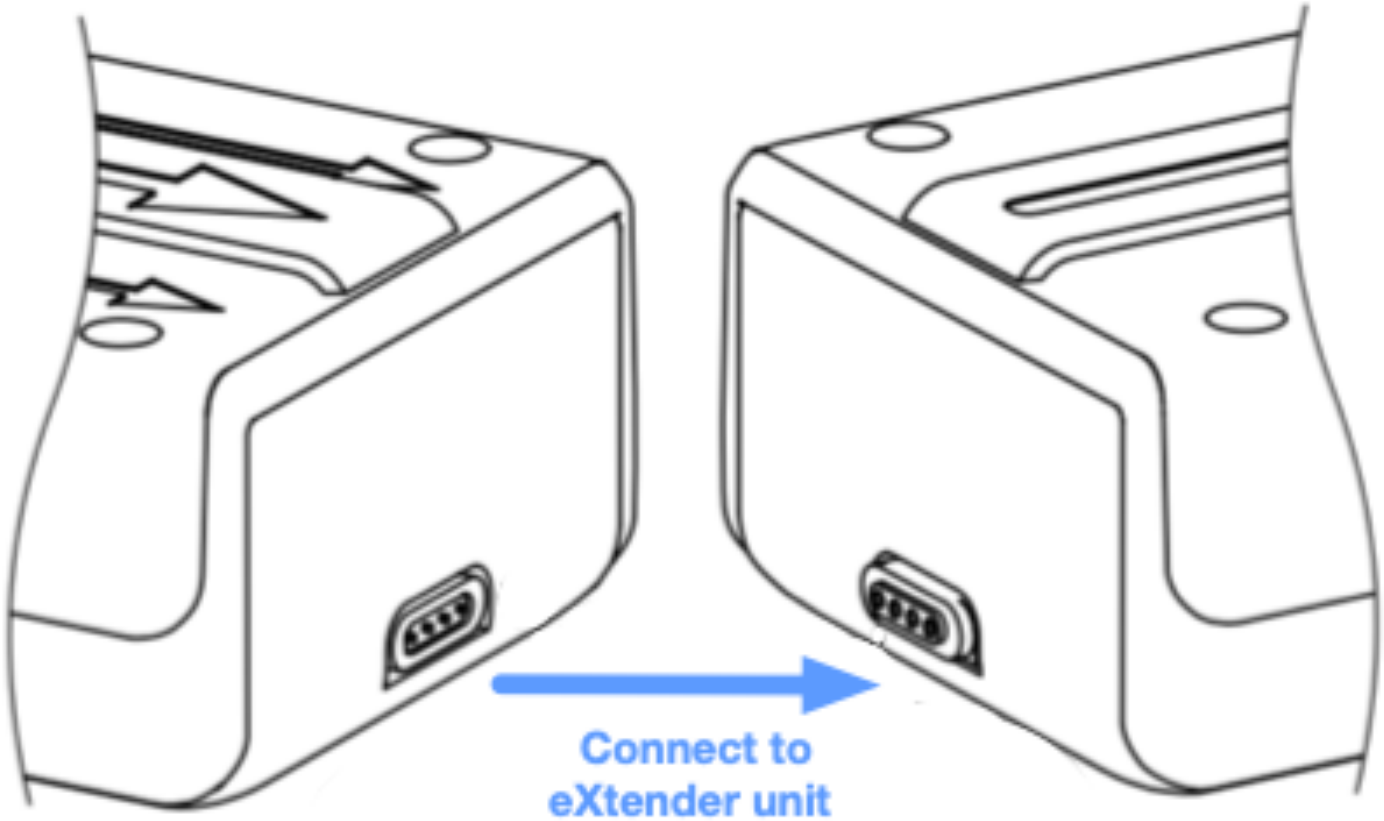
Back of the rails fit together in the notch from rail-end to rail-eXtenders
Snap the eXtender Unit to the Primary unit with the arrows going in the same direction





Align eXtenders with **arrows** pointing in the same direction





Primary Unit

eXtender Unit

You can snap the eXtender unit to the primary unit with opposite connectors following the direction arrows on the back side

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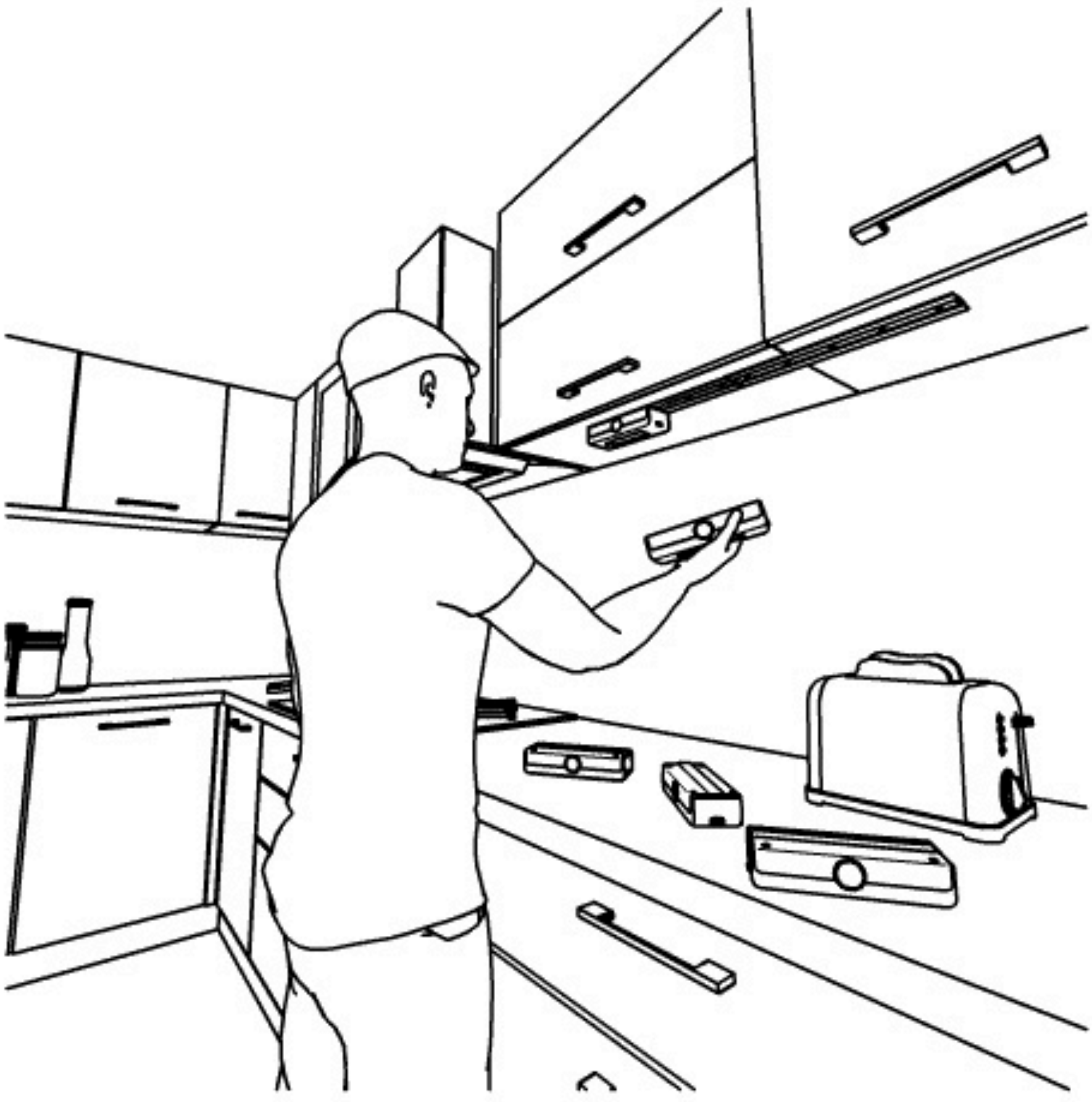

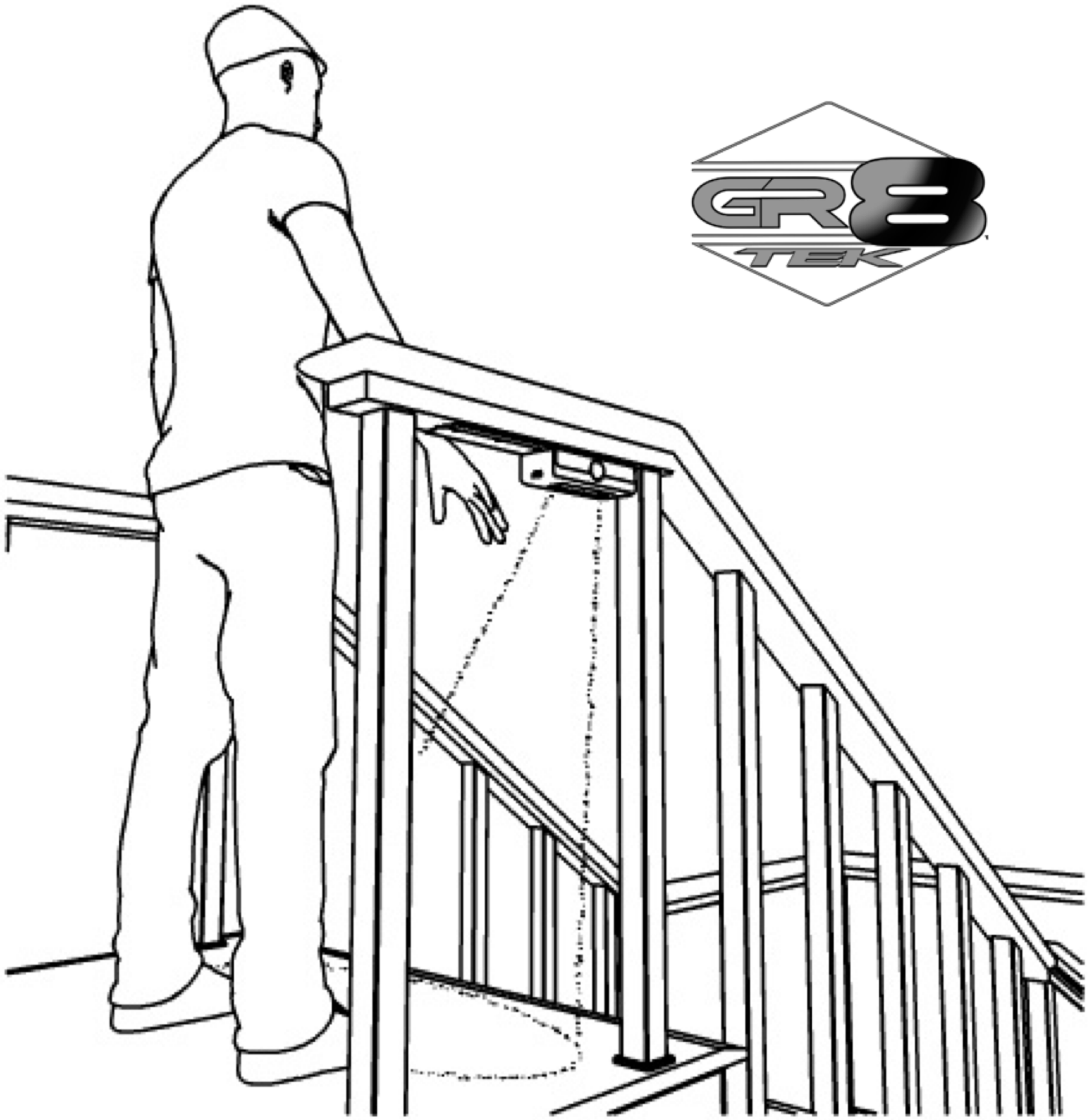

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