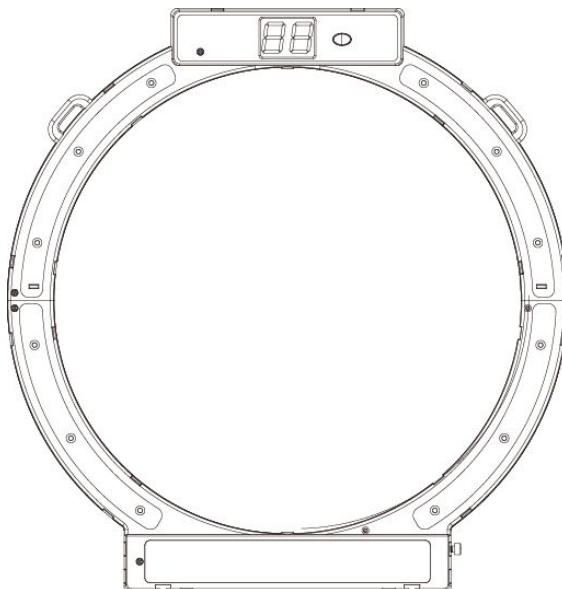# SKY PORTAL LED Gate

User Guide

Your purchase is considered as your agreement to the safety precautions below. Be sure to read these instructions before using the product. For any unexpected situation, it is strongly recommended to keep this user guide.

This document is the user guide for Sky Portal LED Gate.

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Contents

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SKY PORTAL Product Information / Dimension / Components

Front

Count Display

ON/OFF & Reset Button

LED Light

Leg

Back

Hook Hanger

AA Battery Cover
(Battery not included)

Dimension

15.3"

14.2"

11.8"

7.5"
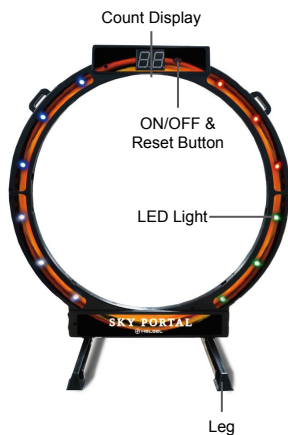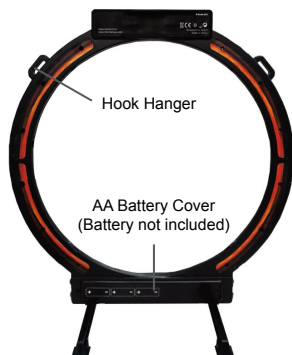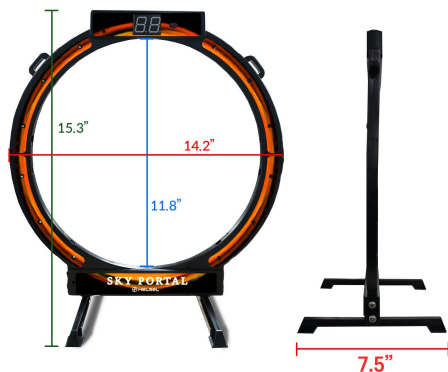
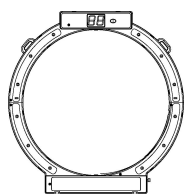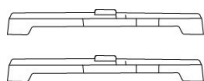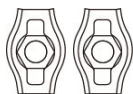## Components
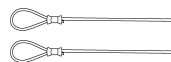
LED Gate
x1

Leg
x2

Hook
x2

Double-sided
Sticker
x2

Wire Fixing Set
x2

Wrench
x1

Wire
x2

How to Assemble: Basic
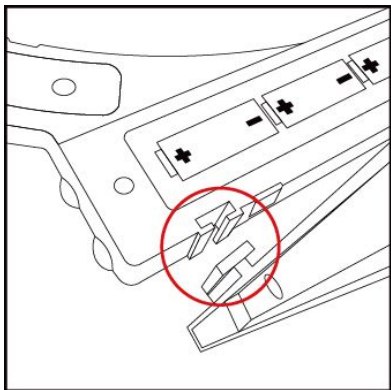
1. Attach the two legs to the bottom of the LED gate by fitting the T-shaped part of the leg to the T-shaped part of the LED gate.
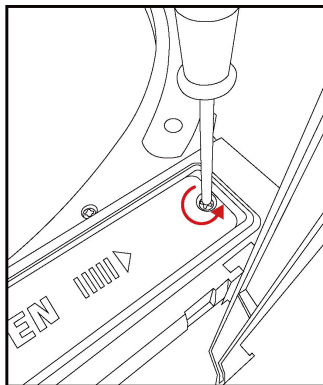
2. Unscrew the screw located on the right hand side of battery cover which is on back of the LED Gate in a counter-clockwise direction using crosshead screwdriver.
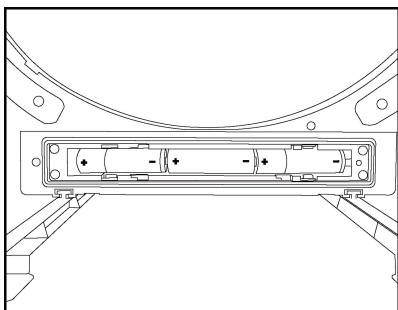
3. Remove the battery cover and put three AA batteries in the space. Be sure to put the batteries in a correct direction of + and -.
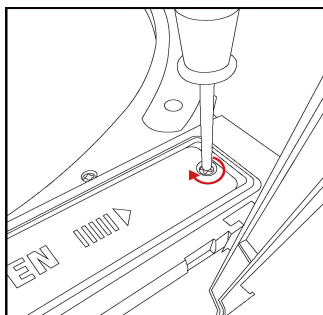
4. Place the battery cover, put the screw back and tighten it using crosshead driver in a clockwise direction.

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How to Assemble: Rack

1. Peel off protection film of the one side of each double-sided sticker and put the sticker on the back side of each hook.

2. Clean the surface where the hook will be attached. Make sure the placement of hooks is parallel enough in order to prevent the tilt of the LED gate.

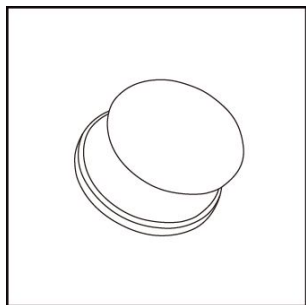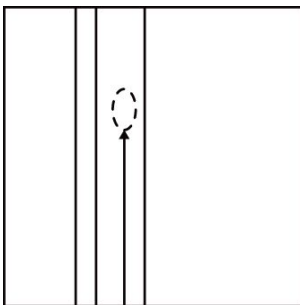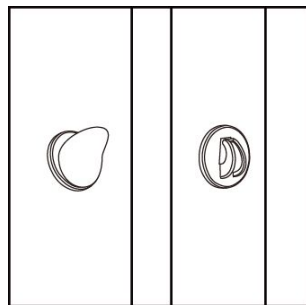3. Peel off the remaining protection film of each double-sided sticker and attach the hook on your desired location.
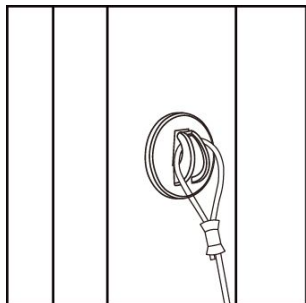
4. Hang each wire loop on each hook.
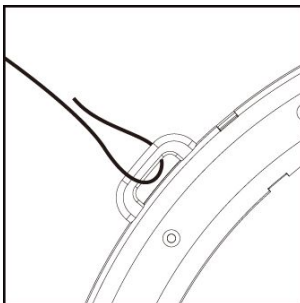
5. Put the opposite side of each wire through the holes of each hook hanger of LED gate.

Wire Fixing Plate
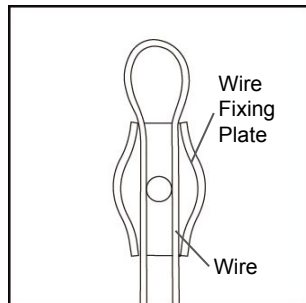
Wire

6. Create a loop by putting the wire into the wire fixing plate.

Wire Fixing Cover
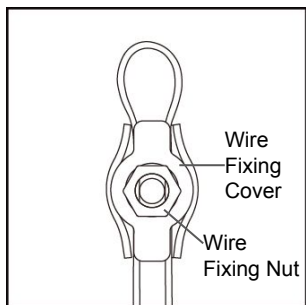
Wire Fixing Nut

7. Fix the shape of the loop by covering wire fixing plate and wire with wire fixing cover. Then tighten the cover with wire fixing nut.
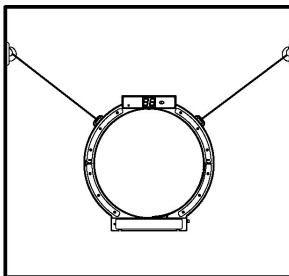
How it looks when hooks are installed on wall
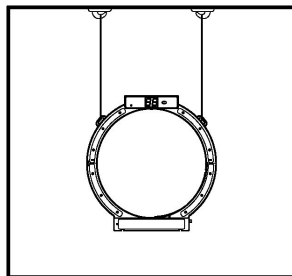
How it looks when hooks are installed on ceiling

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How to Operate

1. Power ON / OFF
Press the oval-shaped button located on the right-hand side of the LED display for 3~5 seconds to turn the power on. To turn it off, press the button again for 3~5 seconds.

2. Score Counting
The counting sensor located on the top of the LED gate automatically detects when a drone passes through the gate and indicates the total earned score on the LED display. Since the counting sensor is located in the middle of the LED gate, there is a possibility that the sensor may not detect if the drone doesn't pass through the middle of the LED gate. When a drone passes through, the next count is valid after 2 seconds. If the drone passes through the gate again within 2 seconds, it will not be counted. The LED disp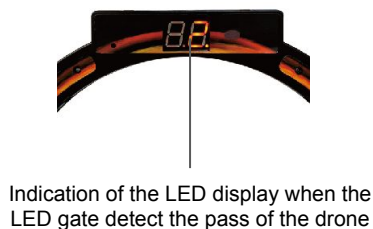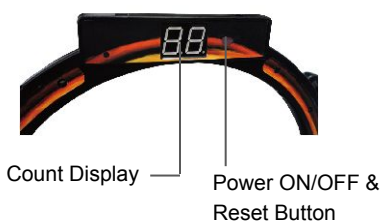lay can count until 99 and when the score exceeds 99, the LED display will begin counting from 0. The twelve LED lights located evenly around the LED gate sparkles in a clockwise direction in a red, green, white, and blue order. This represents that the sensor has successfully detected the pass of a drone.

3. Score Reset
Press the oval-shaped button located on the right-hand side of the LED display shortly to short press to restore.

Count Display —— Power ON/OFF & Reset Button

Indication of the LED display when the LED gate detect the pass of the drone

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Precautions

1. Sky Portal LED Gate is not a toy. Make sure to read the instructions carefully before using the product.

2. This product is not suitable for users under the age of 14.

3. Keep the product components away from infant and children in order to prevent safety injuries such as suffocation.

4. Do not use this product in any manner other than the instructions provided by Helsel.

5. It is very important to read and follow all instructions and precautions written in the user guide prior to use in order to operate the product correctly to prevent safety accidents, injuries, and product damages.

6. When using this product outdoor, an incorrect counting of the score may occur due to light, especially sunlight affecting the Infrared Light Emitting Diode (IRED) equipped inside the product. This cannot be a valid reason to get an exchange or a refund by claiming that the product is defective.

7. Repair and exchange due to defective products are limited to the products purchased, and the manufacturer and the vendor are not liable for any other kinds of user injuries, material damages, or damage to the airframe.

8. It is strongly prohibited to keep the product near fire or on a hot surface, or throwing it into fire.

9. When not using the product, remove AA batteries from the product and store it safely.

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HELSEL Official Website

http://www.helselgroup.com

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R-R-cdr-SPL

It is verified with Sky Portal LED Gate's acquisition of KC Certification of Conformity-RRA that this is a safe product that complies with the safety technology of Korea Safety Certification System.