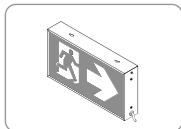


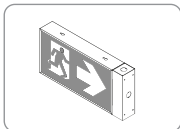
USER MANUAL

Emergency Exit Sign Light Series 6

EX Series - Type C,W



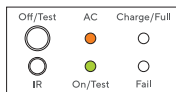
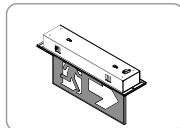
EX Series - Type F



SL Series - Type C,W



SL Series - Type R



- Switch Off/Test** ▶ Press to turn off the lamp and the system of the unit (while the power is off or the unit is not plugged in) / Press to test the device's availability (during normal circumstance and the unit is plugged in)
- LED AC** ▶ Indicates that the unit is receiving a power supply
- LED Charge/Full** ▶ Indicates that the unit's battery is charging
- IR** ▶ Infrared signal receiver
- LED On/Test** ▶ Indicates that the unit is receiving a power / Indicates if the unit is performing a self-test
- LED Fail** ▶ Indicates there is a problem with the battery

Status Indicators and Testing Buttons

Installation and Operation





1. Install the emergency exit sign light fixture by securing it in the desired location for displaying the emergency exit symbol.
2. Install properly and securely to prevent accidents that could cause damage to the unit or other people and property.
3. Plug the device's power plug into the power outlet of the building or household with an electrical voltage of 220-240VAC/50Hz. The emergency exit sign lights will illuminate. Please observe the operation of the device as follows:
 - 3.1 The LED "AC" will turn on indicating that the unit is receiving power.
 - 3.2 LED "On/Test" lit indicates the status of the unit ready to use.
 - 3.3 The LED "Charge/Full" will be on when the battery is charging.
 - 3.4 The LED "Charge/Full" will be off when the battery is fully charged.
4. When the unit is operational, tests can be performed.
 - 4.1 Press the Off/Test button on the emergency exit sign light fixture. The light from the sign will continuously illuminate.
5. When you want to turn off the light without plugging in the emergency exit sign light fixture, press the Off/Test button.

Caution: Please always read the manual prior to installation and operation.

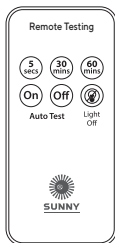
Important Note on Using the Unit







1. The unit should be installed indoors, out of direct sunlight and humidity. It should not be installed in environment with temperatures higher than 50 degrees Celsius.
2. The unit should be stored in temperatures under 25 Degree Celsius and the battery should be charged every 3 months to maintain its operational life.
3. Please always read the manual carefully prior to operating the unit for the safest and most effective use of the product.

Indicators

Indication Lights	Display	Meaning
AC 	<ul style="list-style-type: none">- A continuous orange light- The orange light turns off	<ul style="list-style-type: none">- The unit is receiving a normal AC power supply.- The unit is not receiving an AC power supply.
Charge/Full 	<ul style="list-style-type: none">- A continuous red light- The red light turns off	<ul style="list-style-type: none">- The battery is charging.- The battery is fully charged.
On/ Test 	<ul style="list-style-type: none">- A continuous green light- Slow blinking green light every 2 seconds- Fast blinking green light every 1 seconds	<ul style="list-style-type: none">- When pressing "OFF" to turn off the automatic battery test system (Auto Test) from the remote.- When pressing "ON" to turn on the automatic battery test system (Auto Test) from the remote.- The unit is performing a battery test (Auto Test).
Fail 	<ul style="list-style-type: none">- A red light blinks three times every 15 seconds- A red light blinks four times every 15 seconds	<ul style="list-style-type: none">- "Battery Fail" When the emergency light unit supply backs up the lighting for less than 120 minutes, or less than the time tested with a remote control.- "Charging fail" When the battery charging system does not charge, the charger does not cut off, the charging circuit cuts off, but the battery charge decreases too quickly.

Remote Testing



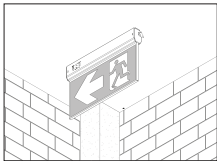
-  ► Button for testing the device's function for 5 seconds.
-  ► Button for testing the device's function for 30 minutes.
-  ► Button for testing the device's function for 60 minutes.
-  ► Button for turning on auto battery test system.
-  ► Button for turning off auto battery test system.
-  ► Button for turning ON/OFF the light bulb.
(during normal circumstance and the unit is plugged in)
Button for deactivate the light bulb.
(while the power outage)

Initial Trouble Shooting

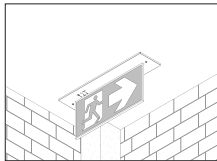
Problem	Cause	What to do
- Power not getting to the unit after plugging in. The LED AC light does not turn on.	- The power socket might not have any power. - The junction is loose. - The AC fuse is blown.	- Check the 220-240VAC power supply. - Check the junction. - Contact customer service.
- The unit and lamp does not illuminate when the power goes out	- The lamp is faulty - The circuit's wiring is loose. - The DC fuse is blown	- Contact customer service. - Contact customer service. - Contact customer service.
- The unit's lamp only turns on for a short duration after the power has gone out.	- The battery is not fully charged. - The battery is past its operational lifetime or has deteriorated	- Take the unit to charge until the "LED Charge" indicator turns off. - Contact customer service to replace the battery

Types Of Mounting Options

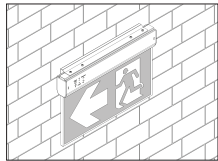
SL SERIES



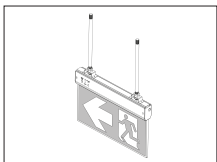
Ceiling (Type C)
(installation without accessories)



Recessed (Type R)
(installation without accessories)

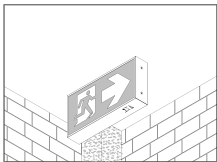


Wall (Type W)
(installation with kit included)

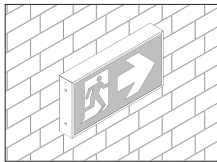


Suspended (Optional)
(installation with kit not included)

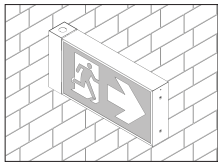
EX SERIES



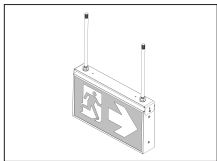
Ceiling (Type C)
(installation without accessories)



Wall (Type W)
(installation without accessories)



Flag (Type F)
(installation without accessories)

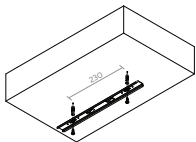


Suspended (Optional)
(installation with kit not included)

Installation Steps

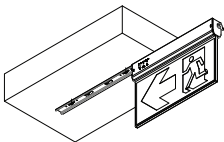
SLS6-10LED (C)

Step 1



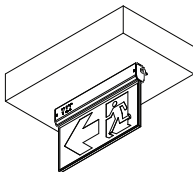
Embed the anchor bolt and secure the slide rail into the ceiling.

Step 2



Attach the exit sign to the slide rail.

Step 3

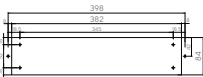


Push the exit sign to the end of the rail as shown in the picture.

*Units are in millimeters.

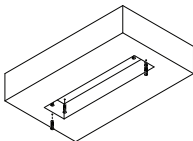
SLS6-10LED (R)

Step 1



Drill holes in the ceiling as shown in the picture.

Step 2



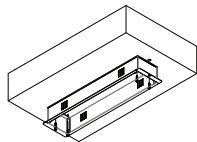
Embed anchors bolt or fastening devices and secure screws into the ceiling.

Step 3



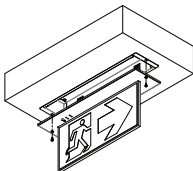
Use a screwdriver to disassemble the device as shown in the picture.

Step 4



Secure the top cover onto the ceiling.

Step 5



Assemble the bottom cover onto the top cover.

*Units are in millimeters.

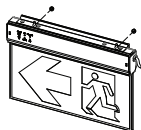
SLS6-10LED (W)

Step 1



Embed the anchor bolt and fasten the screw into the wall.

Step 2

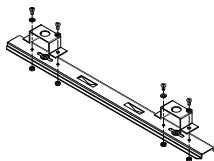


Attach the exit sign to the screw.

*Units are in millimeters.

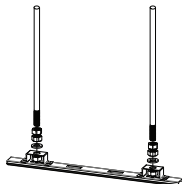
Suspended (Optional)

Step 1



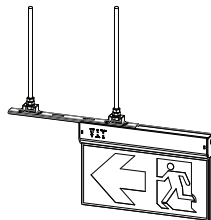
Assemble the mounting accessories for hanging on the slide rail.

Step 2



Assemble the Hanger Rod with the mounting accessories.

Step 3

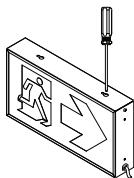


Attach the exit sign to the slide rail.

*Units are in millimeters.

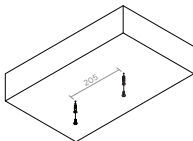
EXS6-10LED (C)

Step 1



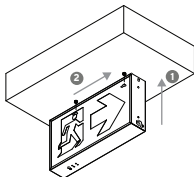
Use a screwdriver to press the hanging hole.

Step 2



Embed the anchor bolt and fasten the screw into the ceiling.

Step 3

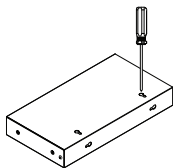


Attach the exit sign to the screw.

*Units are in millimeters.

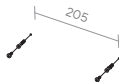
EXS6-10LED (W)

Step 1



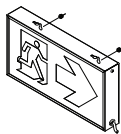
Use a screwdriver to press the hanging hole.

Step 2



Embed the anchor bolt and fasten the screw into the wall.

Step 3

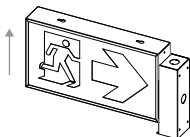


Attach the exit sign to the screw.

*Units are in millimeters.

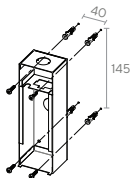
EXS6-10LED (F)

Step 1



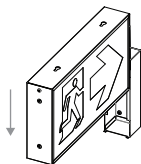
Remove the side panel.

Step 2



Secure the box to the wall.

Step 3

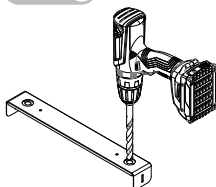


Insert the exit sign into the box.

*Units are in millimeters.

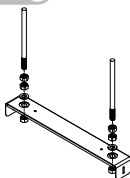
Suspended (Optional)

Step 1



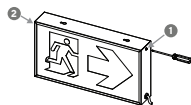
Drill the mounting accessories according to the size of the Hanger Rod.

Step 2



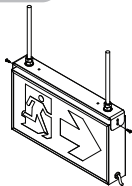
Assemble the Hanger Rod with the mounting accessories.

Step 3



Remove the screws from the device at positions 1 and 2.

Step 4



Assemble the device with the mounting accessories using the securing screws.

*Units are in millimeters.

Terms for Warranty and Service

1. The Warranty will only be covered if the customer fills in the “warranty registration form” and mail the return part back to the company within 7 days from the day of purchase. If this is not carried out the warranty will be considered void.
2. The warranty only covers the unit’s internal parts. The conditions and durations for the warranty of each part is as specified and the duration of the warranty is calculated from the date of purchase.
3. Please show your warranty card every time you contact our service center or the dealer you purchased the product from.
4. Products that fall into the following category are considered not covered by the warranty.
 - The product was used in a way not specified in the manual.
 - The product was used with accessories not meeting the required specifications specified in the manual.
 - The product seems to have been damaged from being dropped or from strong impact, for example, the parts are loose, dented, scrapped or misshapen.
 - The product has been repaired or modified by personnel not authorized by our company.
 - The Warranty Void sticker is torn or removed.
 - The product is damaged from careless use or incorrect maintenance, for example, the battery is swollen from overcharging, quick charging was used on the battery, the battery terminals have been short-circuited, the unit was used until the battery was completely discharged and not recharged immediately, the product was stored for long periods until the Battery Checker warning activates and still it is not plugged-in to charge or taking the battery to normal temperature conditions and not recharging it every 1 month.
 - The product was stored in an unsuitable environment, for example, a location with moisture or water vapor.
 - The product was supplied with a faulty AC power supply such as electrical overvoltage, electrical current surges, or lightning strikes entering the AC power line.
 - Damages from natural causes such as fire, being summered in fluids, humidity, chemicals or force majeure.
 - Damages from insects or animals.

Note : Please read the manual carefully before installation and operation to understand how to properly operate the unit.

For any further questions about your product
please feel free to contact SUNNY’s customer
service department.
Tel. (+66) 02-948-4450-2
E-mail: service@sunnyemergencylight.com

IsOn Import-Export Co., Ltd.

2915-2917 Ladprao Road, Klongjan,
Bangkapi, Bangkok 10240

