




SCANSTRUT SC-USB-F4 Fast Charge USB-A and USB-C Socket Installation Guide

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SCANSTRUT®



Product Information

Specifications:

- **Product Name:** FLIP PRO PLUS – FAST CHARGE USB-A & USB-C SOCKET (SC-USB-F4)
- **Model Numbers:** SC-USB-F4-0011 Deutsch Connector, SC-USB-F4-002 Flying Lead
- **Input Voltage:** 12-24V system, 10-32V DC
- **Input Current Max:** 6A (12V system), 3A (24V system)
- **Output Type:**
 - **USB-A:** 5V-3A, 9V-3A, 12V-3A MAX
 - **USB-C:** 5V-3A, 9V-3A, 12V-3A MAX
 - **USB-A & USB-C combined:** 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-3A MAX

Product Usage Instructions

Installation:

1. Ensure the input voltage matches the specifications of the product.
2. Connect the appropriate connectors based on the model number.
3. Securely mount the FLIP PRO PLUS unit in a suitable location.

Charging Devices:

To charge devices using the FLIP PRO PLUS:

1. Plug the USB-A or USB-C cable into the corresponding socket on the unit.
2. Connect your device to the other end of the cable.
3. The unit will automatically detect the device and provide the appropriate charging output.

Frequently Asked Questions (FAQ):

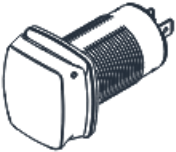


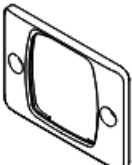

- **Q: Can this product be used in both 12V and 24V systems?**
A: Yes, this product is designed to work in both 12V and 24V systems with the specified input voltage range.
- **Q: What is the standby draw of the FLIP PRO PLUS?**
A: The standby draw information is not provided in the manual. Please contact customer support for further details.

SC-USB-F4-001 Deutsch Connector

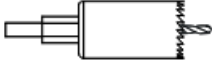




Technical Information

Input voltage 12/24V system	10-32V DC			
Input current max	6A			
Output type	(12V system)		(24V system)	
	USB-A	USB-C	USB-A	USB-C
	5V 3A, 9V 3A, 12V 3A MAX	5V 3A, 9V 3A, 12V 3A MAX	5V 3A, 9V 3A, 12V 3A MAX	5V 3A, 9V 3A, 12V 3A, 15V 3A, 20V 3A MAX
Standby draw	< 0.1W			
Waterproof rating	IPX4 front-only lid closed			

Parts List

 USB charger	 Gasket	 Lock ring
Front install only		
 Front fit bezel	 No.6x20mm screws	

Tool List

	
32mm (1 1/4") Hole saw	
Drill	
Front install only	
	
Drill bit 2.5mm (3/32") or 3mm (1/8")	
Pozi Screwdriver	
	
Silicone	

For the latest tech info visit: www.scanstrut.com/USB

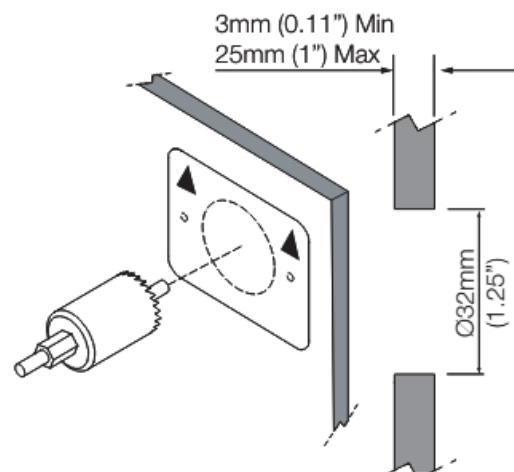
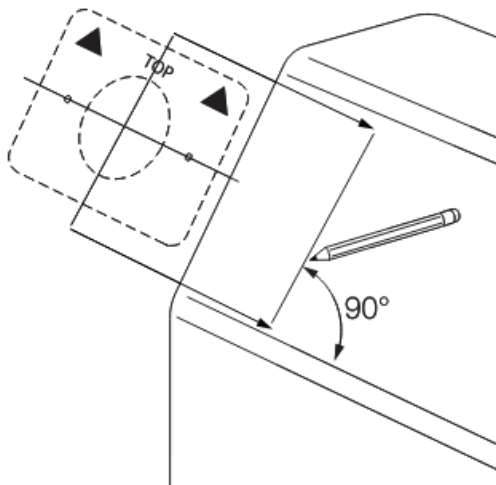
READ IMPORTANT SAFETY INFORMATION BEFORE INSTALLING.

Installation Instructions

1. FRONT INSTALL ONLY

Draw a centre line to align the template, and ensure the line is square on the surface and correct orientation.

2. Use a drilling template to drill a $\varnothing 32\text{mm}$ (1 1/4") hole.



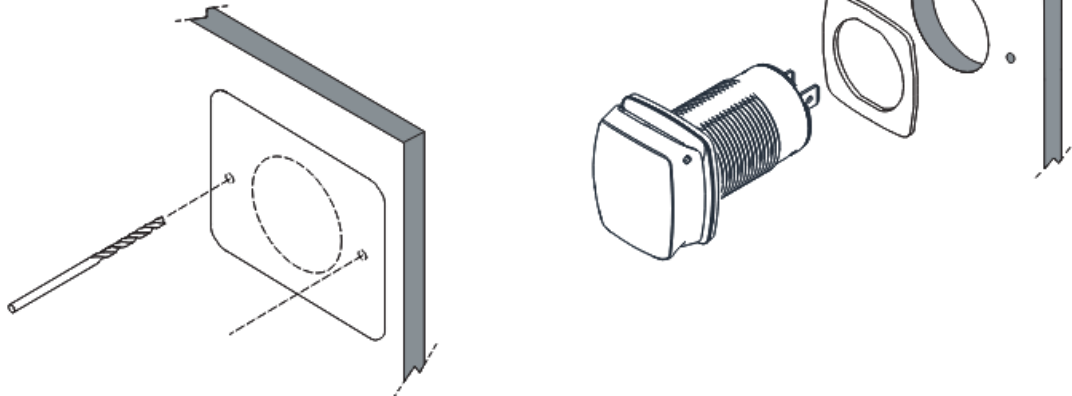
3. FRONT INSTALL ONLY

Drill 2 pilot holes for the front fit bezel.

4. Feed the barrel through the gasket and hole.

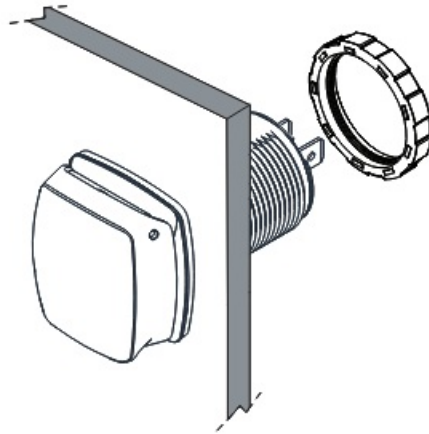
Pilot Hole Size

Material	No. 6 Screw
Soft Material e.g Plywood	2.5mm (3/32")
Hard Material e.g Fiberglass	3mm (1/8")



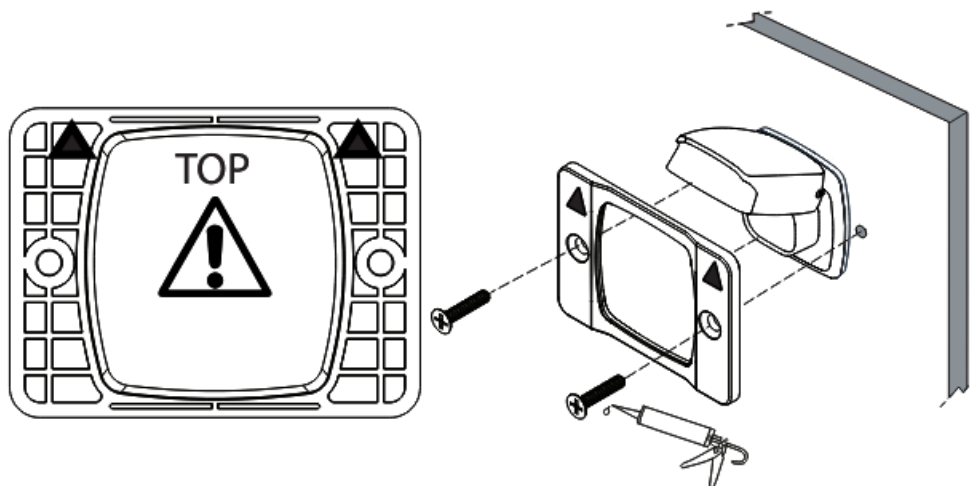
5. REAR INSTALL ONLY

Tighten the lock ring onto the product until secure.

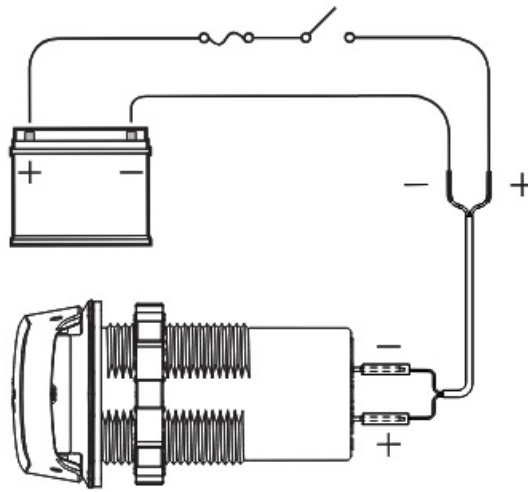


• FRONT INSTALL ONLY

Apply silicone seal on fixings and pilot holes. Place the front fit bezel over the charger and fix the bezel in place. Make sure the bezel orientation is correct.



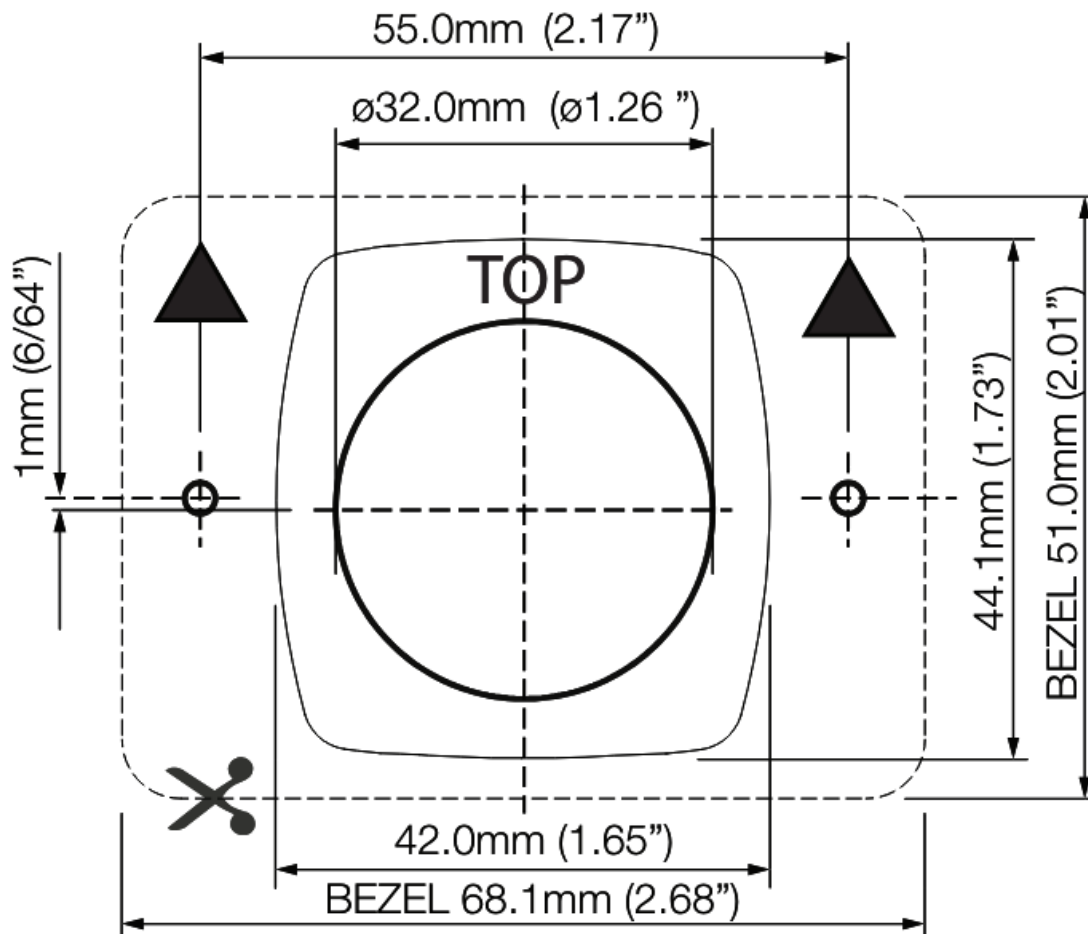
6. Connect to 12/24V supply, ensuring a waterproof connection. Fuse and select cable diameter according to the input voltage and current for your specific installation.



Dimension

Drilling template:

WARNING CHECK SCALE 1 :1



Safety Instruction

WARNING:

This product is to be connected to a 12V DC or 24V DC battery power source only. The power supply must be switched off before installation.

- An appropriate fuse or circuit breaker must be used between the battery/power source and this product. Check for the correct polarity of all wiring before switching the power on.

- This product may contain high voltages. Do not tamper with the product.
- This product is NOT approved for use in hazardous/flammable atmospheres.
- DO NOT install in a hazardous/flammable atmosphere e.g. engine room.
- Before drilling any holes, ensure the area behind the mounting location is clear of wires, fuel and all other hazardous objects.
- Ensure any holes cut will not significantly weaken the structure of the mounting surface.
- If the product needs to be mounted outside, it must be mounted in a location safely above the waterline, where it is not at risk of being submerged.
- **CAUTION:**
The product is specially designed for charging QC and PD-compatible devices.
- This product does not contain any user-serviceable parts. DO NOT attempt to repair or modify the product in any way.
- When used in high ambient temperatures or direct sunlight, the product may turn off temporarily, this is a safety feature of the electronics.
- The IP protection rating is only valid if the installation is carried out correctly according to the instructions and on a perfectly flat, smooth and non-porous surface.
- When choosing a mounting location, avoid areas exposed to heat radiation devices and areas with poor ventilation.

WIRING:

- Professional electrician installation is recommended, see Technical Information for power requirements.
- To achieve maximum power output, the specified voltage must be at the charger. Battery performance and voltage drop need to be considered for installation.

ENVIRONMENTAL PROTECTION:

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

IMPORTANT:

Scanstrut Ltd & Inc. accepts no responsibility for any injuries or other damages arising from the use of their products in any circumstances.

SC-USB-F4-002 Flying Lead

READ THESE INSTRUCTIONS BEFORE INSTALLING THE PRODUCT.

Safety Instruction

WARNING:

This product is to be connected to a 12V DC or 24V DC battery power source only. The power supply must be switched off before installation.

- An appropriate fuse or circuit breaker must be used between the battery/power source and this product. Check for the correct polarity of all wiring before switching the power on.
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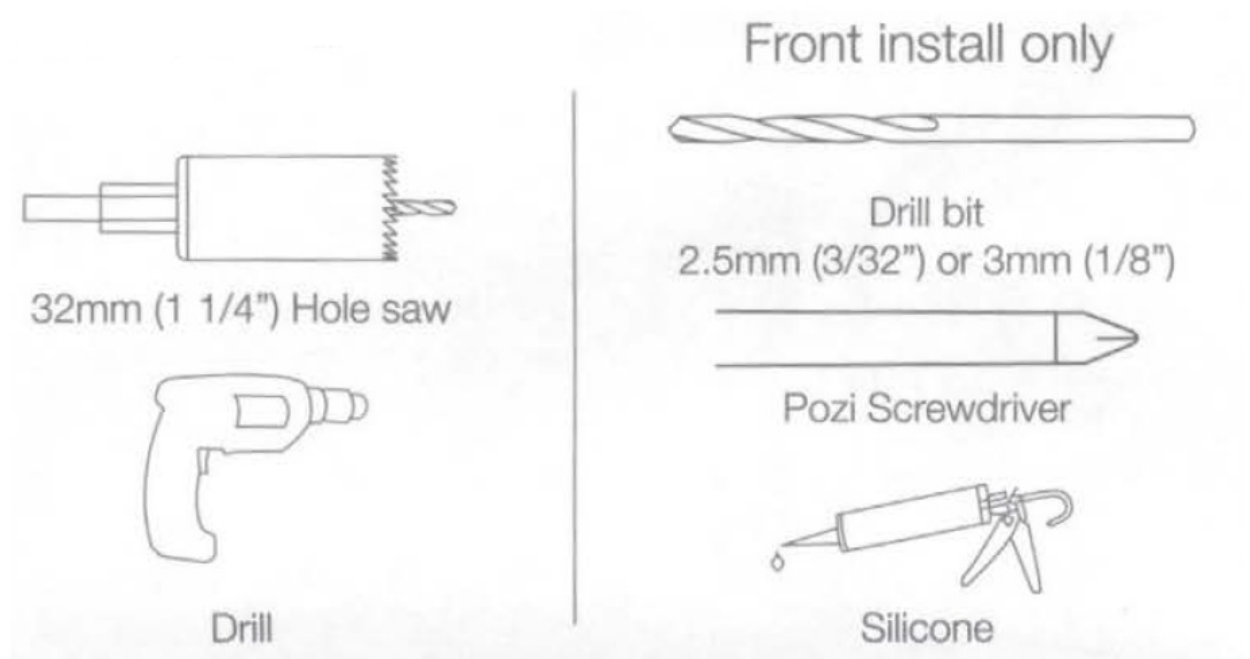
Technical information

Input voltage 12/24V system	10-32V DC			
Input current max	6A			
Output type	(12V system)		(24V system)	
	USB-A	USB-C	USB-A	USB-C
	5V-3A, 9V-3A, 12V-3A MAX	5V-3A, 9V-3A, 12V-3A MAX	5V-3A, 9V-3A, 12V-3A, MAX	5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-3A MAX
Standby draw	< 0.1W			
Waterproof rating	IPX4 front only lid closed			

Parts List

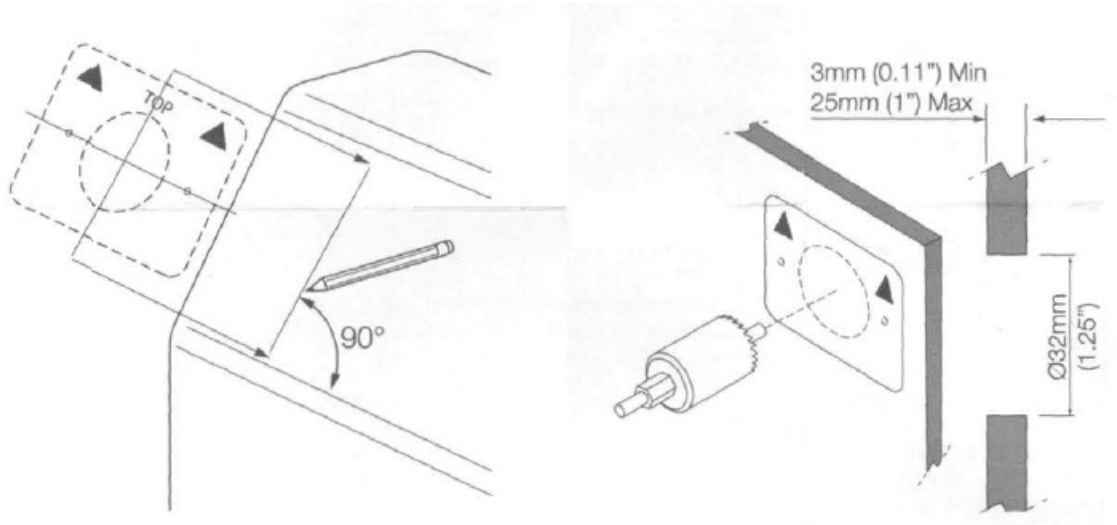
	Rear install	Front install Supplied with SC-USB-F4 only
		
1 x USB charger	1 x Lock ring	1 x Front fit bezel
		
1 x Gasket		2 x No.6x20mm screws

Tools Required



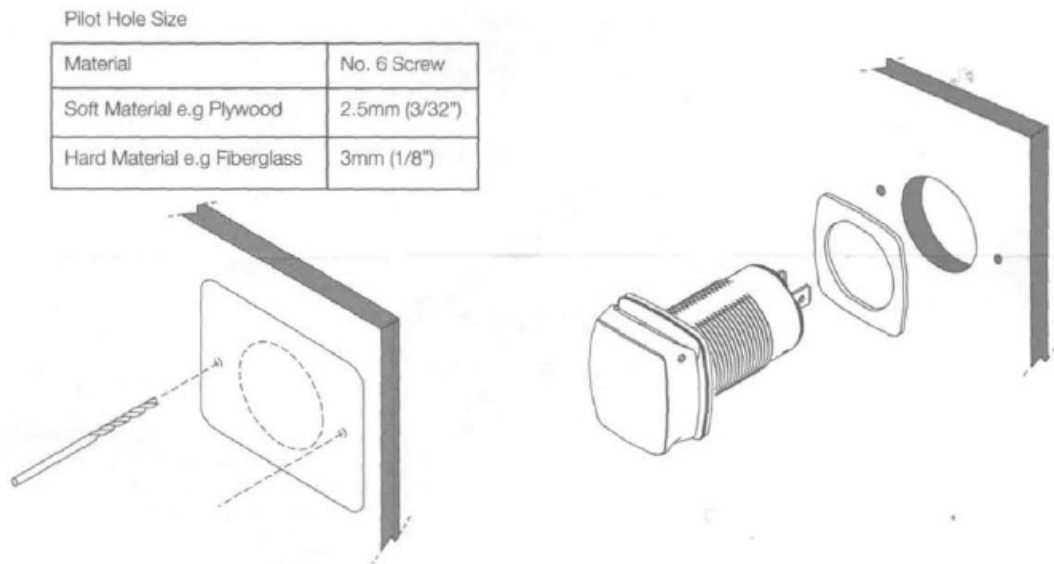
Installation Instructions

1. Draw a centre line to align the template, and ensure the line is square on the surface and correct orientation.
2. Use a drilling template to drill a $\varnothing 32\text{mm}$ (1 1/4") hole.



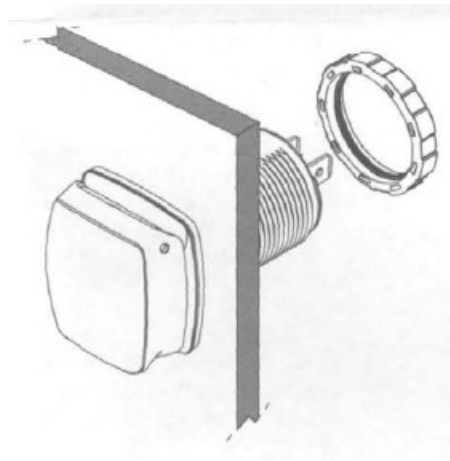
3. FRONT INSTALL ONLY

- Drill 2 pilot holes for the front fit bezel.
4. Feed the barrel through the gasket and hole.



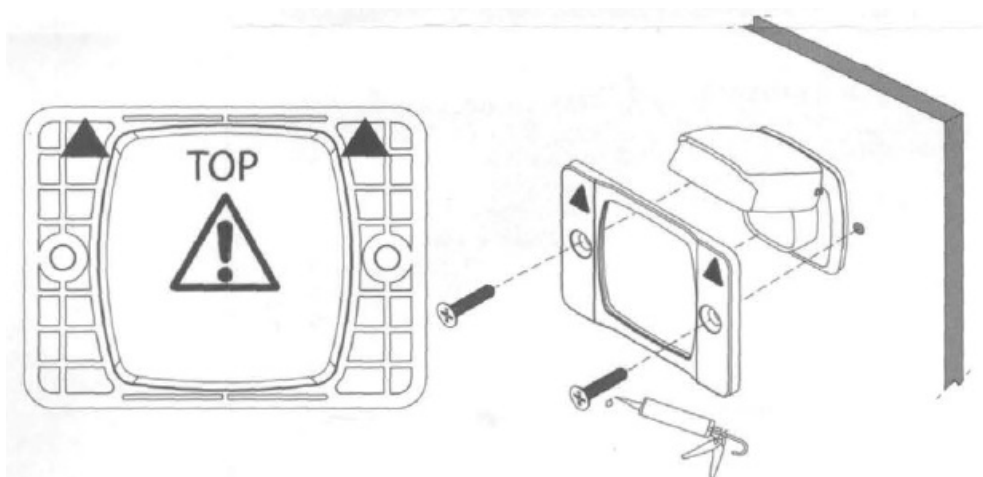
5. REAR INSTALL ONLY

Tighten the lock ring onto the product until secure.

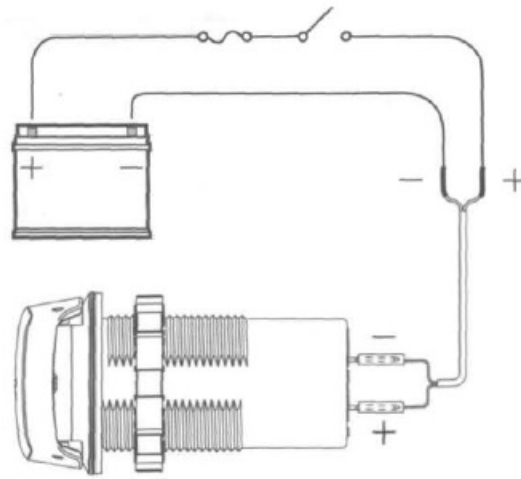


• FRONT INSTALL ONLY

Apply silicone seal on fixings and pilot holes. Place the front fit bezel over the charger and fix the bezel in place. Make sure the bezel orientation is correct.



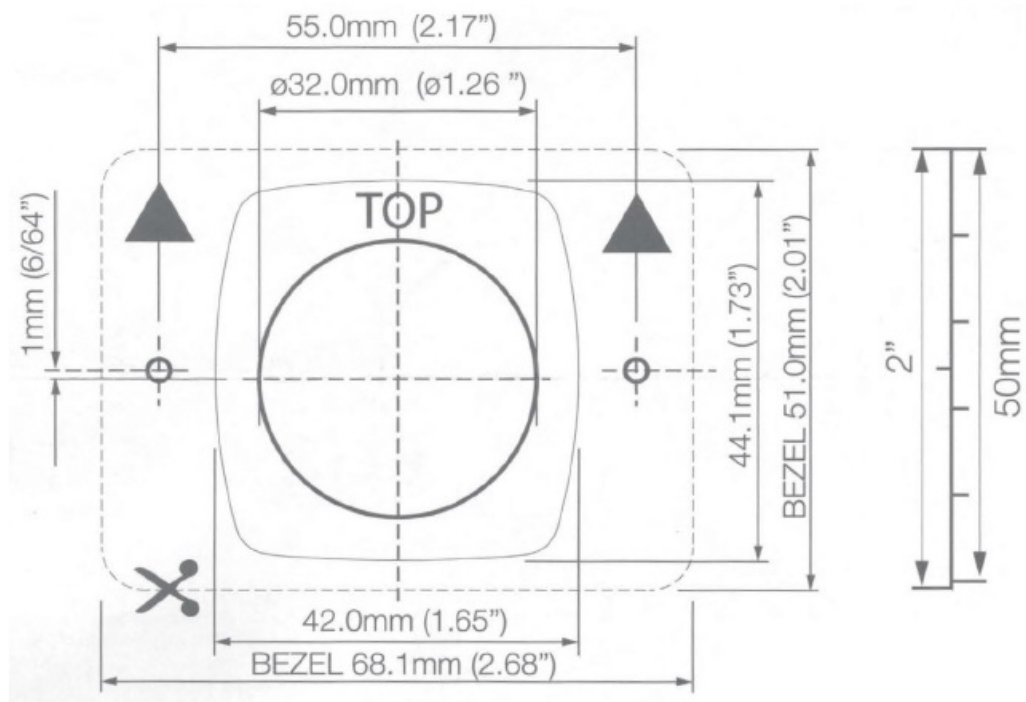
6. Connect to 12/24V supply, ensuring a waterproof connection. Fuse and select cable diameter according to the input voltage and current for your specific installation.



Dimension

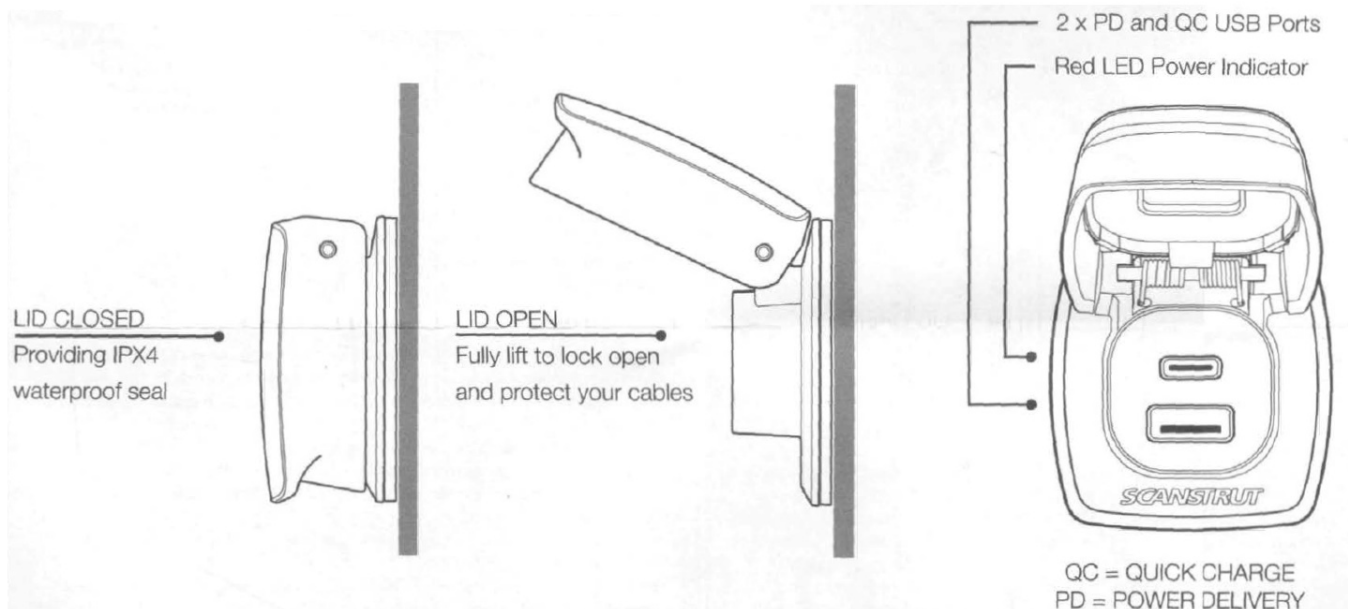
Drilling template:

WARNING CHECK SCALE 1 :1



User Instructions

Use your device-supplied cables for maximum charge speed. Your device controls its charge speed which can vary depending on ambient temperature.



WARRANTY

A 2-year, non-transferrable warranty covers this Scanstrut product only and not any devices that are charged by it. No warranty is given for users' devices and users expose their devices to hazards, known or unknown, at their own risk.

Scanstrut Ltd declares the product

'Flip Pro Plus' SKU: SC-USB-F4 complies with EMC CE-RED Directive (2014/30/EU) & The CE certificate of EN55032, EN55035, and EN61000 conformity can be found at www.scanstrut.com/support/compliance.

FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used by the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF exposure statement:

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. During the operation of the device, a distance of 15 cm surrounding the device and 20 cm above the top surface of the device must be respected.

Contact Information

UK & International

- Scanstrut Ltd Dart Business Park, Clyst St. George, Exeter EX3 0QH, UK.
- +44 (0)1392531280
- sales@scanstrut.com.

For further installation and warranty information please visit: www.scanstrut.com.

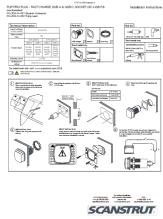
USA

- Scanstrut Inc. 7 Pequot Park Road Westbrook, CT 06498, USA.
- +1 860 308 1416
- usasales@scanstrut.com.

Scanstrut Ltd declares the product

'Flip Pro Plus' SKU: SC-USB-F4 complies with EMC CE-RED Directive (2014/30/EU) & The CE certificate of EN55032, EN55035, and EN61000 conformity can be found at www.scanstrut.com/support/compliance.

Documents / Resources

	<p>SCANSTRUT SC-USB-F4 Fast Charge USB-A and USB-C Socket [pdf] Installation Guide SC-USB-F4, SC-USB-F4 Fast Charge USB-A and USB-C Socket, Fast Charge USB-A and USB-C Socket, USB-A and USB-C Socket, USB-C Socket, Socket</p>
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References

- [.AM and Offchain Ethereum Name Service ENS - Armenia Domains .AM](#)
- [S Mounts, Waterproof Wireless Chargers, Cable Seals for Marine and Outdoor Technology | Scanstrut](#)
- [User Manual](#)

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