

[Skip to content](#)

Manuals+

User Manuals Simplified.



ring 5F48E9 Amazon Sidewalk Bridge Pro Device User Manual

[Home](#) » [Ring](#) » ring 5F48E9 Amazon Sidewalk Bridge Pro Device User Manual

Contents [hide](#)

[1 ring 5F48E9 Amazon Sidewalk Bridge Pro Device](#)

[2 Product Information](#)

[3 Product Usage Instructions](#)

[4 IMPORTANT PRODUCT INFORMATION](#)

[5 PRODUCT SPECIFICATIONS](#)

[6 FCC COMPLIANCE](#)

[7 Professional installation instruction](#)

[8 Documents / Resources](#)

[8.1 References](#)

[9 Related Posts](#)



ring 5F48E9 Amazon Sidewalk Bridge Pro Device



Product Information

The Amazon Sidewalk Bridge Pro by Ring is a device used for connecting to Amazon Sidewalk, a shared network that helps device better. This device requires a PoE+ Injector (802.3at compliant) and an Ethernet cable for installation. The PoE+ Injector must have UL listed L.T.E. with PoE+ output and a power supply that complies with PS2 or L.P.S. certification and approval.

It is important to note that the PoE+ Injector and Ethernet cable are not provided with the device and must be purchased separately.

Users are advised to properly follow installation instructions as failure to do so may present a risk of burn or fire hazard. It is also recommended to connect grounding wires to the grounding terminal to avoid the risk of lightning strike during the device's lifetime. The Amazon Sidewalk Bridge Pro by Ring should only be used in accordance with the instructions and intended purpose.

Using this accessory device in any way other than its intended purpose could cause injury to yourself, others, or damage to the device.

For information on warranty, terms of service, and FCC compliance, visit ring.com/warranty.

Product Usage Instructions

1. Prior to beginning installation, purchase a PoE+ Injector (802.3at compliant) with UL listed L.T.E. with PoE+ output and an Ethernet cable if needed.
2. If using an Ethernet backhaul from this device, use two Ethernet cables. If only using LTE backhaul from this device, use one Ethernet cable.
3. If the purchased PoE+ injector is not waterproof or identified for outdoor usage, install the device indoors.
4. Connect grounding wires to the grounding terminal to avoid the risk of lightning strike during the device's lifetime.
5. Follow all safety instructions for any accessories before using with your device.
6. Properly follow installation instructions to avoid the risk of burn or fire hazard.
7. Use the Amazon Sidewalk Bridge Pro by Ring only in accordance with the instructions and intended purpose. Keep small parts away from children as they may present a choking hazard to small children.

IMPORTANT PRODUCT INFORMATION

This device should only be installed by a professional installer or licensed electrician. Professional installers or licensed electricians should refer to local laws and building codes before performing any work to ensure that installation complies with local and national electrical code and safety regulations. The installer also should get consent from the building or pole's owner to install this device at their location including to mount the base unit and antenna, plug the PoE+ injector on the power source and connect the grounding wires to the grounding terminal.

IMPORTANT: The items below are not provided with this device. Prior to beginning installation, the customer or installer must purchase them separately.

1. PoE+ Injector (802.3at compliant) (quantity 1); For PoE+ connection, use only UL listed L.T.E. with PoE+ output.
2. Ethernet cable (quantity 1, if only using LTE backhaul from this device; or quantity 2, if using Ethernet backhaul from this device, 1 cable to connect the PoE+ injector P-DATA OUT port to this device's Ethernet port and 1 cable to connect the PoE+ injector DATA IN port to local switch or router port); the length will vary based on the distance from PoE+ injector to the device base unit, and the distance from PoE+ injector to local switch or router.
3. Ethernet cable RJ 45 connectors (quantity 2 or 4); installer will need a crimp tool to make them on site
4. Grounding wires and connectors for the RF lightning arrestors (quantity 4 of each); NOTE: the wire length will depend on the distance from RF lightning arrestors (included in packaging) to building or pole grounding terminal; installer will need crimp tool to make them on site
5. Grounding wire and connector to connect the device base unit to building and pole grounding terminal (quantity 1); installer will need crimp tool to make them on site

If the purchased PoE+ injector is not water-proof or not identified for outdoor usage, please install your device indoors.

It is recommend to connect grounding wires to the grounding terminal, considering the risk for lightning strike to the device during its installed lifetime.

SAFETY INFORMATION: FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN FIRE, ELECTRIC SHOCK, OR OTHER INJURY OR DAMAGE.

Your Amazon Sidewalk Bridge Pro by Ring is IP66 rated. It is approx. 26 x 26 x 6cm (10.2" x 10.2" x 2.3") and weighs approx. 4kg (9 lbs). Identify a location where this device can be installed for long term use, avoiding being placed above high traffic areas. The device base unit and antennas are designed to support wall/pole mount. Do not install your device at any location that has a potential risk to cause device fall off, such as walls made of vinyl, stucco, drywall, or wood. Use caution when installing or testing this device while standing on a ladder.

Users are required to use a power supply for the PoE+ injector that complies with PS2 or L.P.S. certification and approval. Read all safety instructions for any accessories before using with your device.

Failure to properly follow installation instructions may present a risk of burn or fire hazard.

SAFETY INFORMATION: FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS COULD RESULT IN INJURY.

Small parts contained in the Amazon Sidewalk Bridge Pro by Ring kit may present a choking hazard to small children. Keep small parts away from children. Your Amazon Sidewalk Bridge Pro by Ring should only be used in accordance with the instructions and intended purpose. Using this accessory device in any way other than its intended purpose could cause injury to yourself, others or damage to the device.

Your Amazon Sidewalk Bridge Pro can withstand outdoor use and contact with water under certain conditions. However, it is not intended for underwater use and may experience temporary effects from exposure to water. Do not intentionally immerse your device in water. Do not spill any food, oil, lotion, or other abrasive substances on your device. Do not expose your device to pressurized water, high velocity water, or extremely humid conditions (such as a steam room). Do not expose your Amazon Sidewalk Bridge Pro to salt water or other conductive liquids.

DANGER — TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, FOLLOW THESE INSTRUCTIONS CAREFULLY.

- To avoid risk of electric shock, do not touch your device or any wires connected to your device during a lightning storm.
- If the POE+ Injector or cable appears damaged, discontinue use immediately.

CAUTION

- For PoE+ connection, use only UL listed L.T.E. with PoE+ output.
- Power cord of PoE+ Injector must be connected to a socket-outlet with earthing connection.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

BATTERY SAFETY WARNING HANDLE WITH CARE.

Your device contains a rechargeable Nickel-metal hydride battery (Ni-MH) and should be replaced only by a qualified service provider. Do not disassemble, open, crush, bend, deform, puncture, or shred the device or the battery in your device, or otherwise attempt to access the battery in your device. Do not modify or remanufacture the battery, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids, expose to fire, explosion or other hazard. Only use the battery for the system for which it is specified. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard. Do not short-circuit a battery or allow metallic conductive objects to come into contact with battery terminals. Avoid dropping the device or battery. If the device or battery is dropped, especially on a hard surface, and the user suspects damage, do not attempt repair. Contact Ring Customer Service for assistance.

PRODUCT SPECIFICATIONS

Model No.: 5F48E9

Temperature Rating: -20°C to 55°C

Power Input: VIN: 42.5 to 57 V , IMAX: 0.6 A (802.3at PoE+)

TERMS OF SERVICE AND WARRANTY

By purchasing or using the product, you agree to the Terms of Service found at ring.com/terms

For information on our warranty, visit ring.com/warranty

FCC COMPLIANCE

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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 in accordance with 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 receiver.
- Connect the equipment into 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.

Pursuant to Section 15.21 of the FCC rules, changes or modifications to a product by the user that are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device meets the FCC Radio Frequency Emission Guidelines. Information on the product is on file with the FCC and can be found by inputting such Product's FCC ID (which can be found on the device) into the FCC ID Search form available at fcc.gov/oet/ea/fccid.

The party responsible for FCC compliance is: Ring LLC, 12515 Cerise Ave, Hawthorne, CA 90250 USA.

FCC RADIATION EXPOSURE STATEMENT

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

Professional installation instruction

1. Installation personal

This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

2. Installation location

The product shall be installed at a location where the radiating antenna can be kept 20cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

3. External antenna

Use only the antennas which have been approved by the applicant. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC limit and is prohibited.

4. Installation procedure

Please refer to user's manual for the detail.

5. Warning

Please carefully select the installation position and make sure that the final output power does not exceed the limit set forth in relevant rules. The violation of the rule could lead to serious federal penalty.

Ring LLC 12515 Cerise Ave, Hawthorne, CA 90250 USA

© 2022 Ring LLC or its affiliates. Ring and all related marks are trademarks of Ring LLC or its affiliates.

Documents / Resources

[ring 5F48E9 Amazon Sidewalk Bridge Pro Device](#) [pdf] User Manual

BHASG001, 2AEUPBHASG001, 2AEUPBHASG001, bhasg001, 5F48E9, Amazon Sidewalk Bridge Pro Device, 5F48E9 Amazon Sidewalk Bridge Pro Device, Sidewalk Bridge Pro Device, Bridge Pro Device, Pro Device

ring

References

- [FCC ID Search | Federal Communications Commission](#)
- [Terms of Service | Ring](#)
- [Warranty | Ring](#)

[Manuals+](#),

- [home](#)
- [privacy](#)