

MaxLite® c-Max Network Range Extender (NN-EXT)



General Safety Information

⚠ WARNING

WARNING – RISK OF ELECTRIC SHOCK

- Read all instructions before installing this product.
- Installation must be performed by a qualified electrician in accordance with local and national electrical codes.
- Disconnect power at the circuit breaker before installation or servicing.
- Verify supply voltage matches product ratings before wiring.
- Do not install if product appears damaged.
- Use UL-listed conduit fittings and connectors.
- This device is intended for permanent installation.
- Keep this instruction manual for future reference.

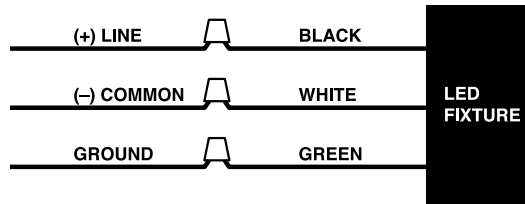
PACKAGE CONTENTS

- (1) c-Max Network Range Extender enclosure (NN-EXT)
- (1) Integrated NN-RTC Real-Time Clock
- (1) Integrated NPP-06A Network Power Pack
- (1) Internal 20 kA Surge Protection Device
- (1) External 5 dB Antenna
- (1) Mounting hardware kit
- (1) Instruction Manual (QR code)



*Pictures are for illustration purposes only.
Your model may vary.*

General Wiring Diagram



WARNING: TURN POWER OFF AT THE MAIN POWER PANEL OR FUSE BOX BEFORE INSTALLING OR REPLACING THE FIXTURE.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE INSTALLATION CODES BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

Electrical Installation

Power must be OFF before wiring.

- Open the enclosure.
- Route supply conductors through approved conduit fittings
- Connect to a 120-277V AC supply

Commissioning Instructions

Commissioning with c-Max App. Refer to the c-Max Commissioning Guide on www.maxlite.com/cmax

- NN-RTC : Please remove the battery tab from the RTC device for its proper functioning to manage schedules.

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Installation Instructions

ANTENNA INSTALLATION

- Ensure the 5 dB antenna is securely attached
- Antenna should be oriented vertically
- Do not bend or coil the antenna cable
- Avoid mounting near large metal objects that may attenuate signal

MOUNTING INSTRUCTIONS

1. Attach the mounting bracket securely to the enclosure using the provided hardware. Ensure all fasteners are properly seated before proceeding. (See Figure 1.)
2. Adjust the mounting bracket as needed. The bracket allows up to 90° of rotation to accommodate various mounting orientations.
3. Position the enclosure at the desired mounting location and mark the mounting hole locations on the surface.
4. Using a power drill, drill four pilot holes at the marked locations. Select drill bits appropriate for the mounting surface.
5. Align the bracket with the drilled holes. Insert the mounting screws through the bracket and into the mounting surface, then tighten securely to ensure the enclosure is firmly mounted. (See Figure 2.)

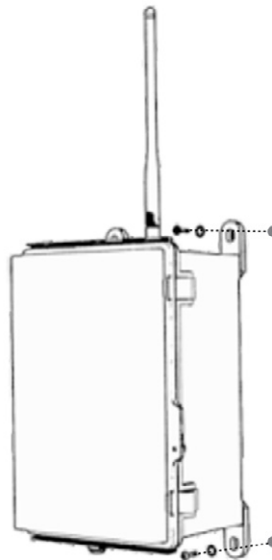


Figure 1.

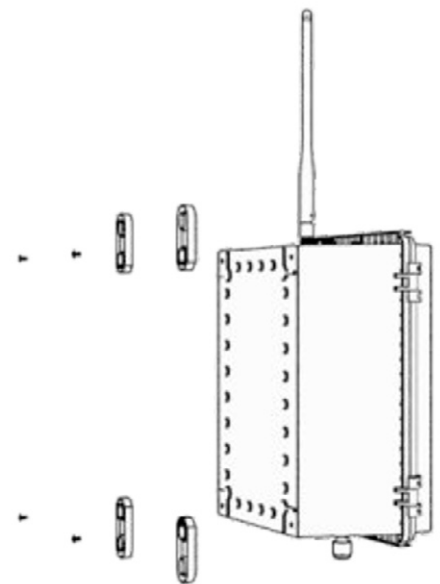


Figure 2

ALTERNATE MOUNTING METHOD – STRAP INSTALLATION

1. Attach the mounting bracket securely to the enclosure using the provided hardware. Ensure all fasteners are properly seated before proceeding. (See Figure 1.)
2. Adjust the mounting bracket as needed. The bracket allows up to 90° of rotation to accommodate various mounting orientations.
3. Attach the two metal strap brackets to the plastic mounting bracket. Secure each bracket using the supplied screws and nuts, and verify all fasteners are tightened. (See Figure 3.)
4. Route the mounting strap through the designated slot in the metal strap bracket. (See Figure 4.)
5. Wrap the strap around the mounting surface (e.g., pole or column). Using a screwdriver, tighten the strap until the enclosure is securely fastened and cannot shift.

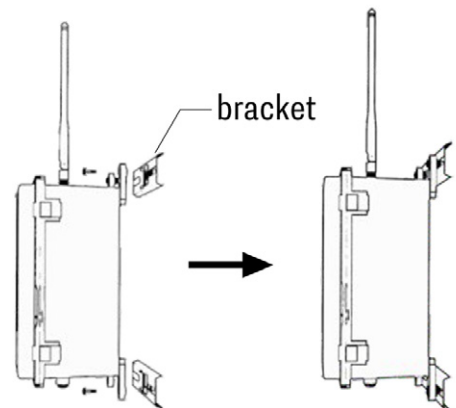


Figure 3.

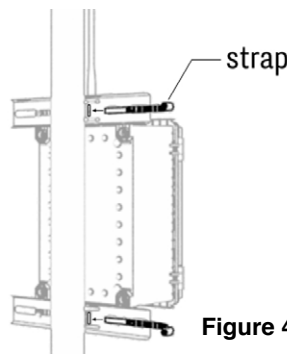


Figure 4.

MaxLite® c-Max Network Range Extender (NN-EXT)



Standard Product Warranty

TERMS & CONDITIONS

Introduction

This product warranty (the "Warranty") covers each of MaxLite's LED lighting fixtures, lamps, and controls (the "Product(s)") that are purchased while the Warranty is in effect, for a specified period of time (the "Warranty Period") from the earlier of the actual installation date or 90 days after the original date of purchase from a MaxLite authorized distributor/dealer. For each Product, the Warranty Period can be found in the most current versions of the MaxLite Standard Product Warranty Coverage document ("SPWC") and applicable MaxLite Product Data Sheet ("PDS").

Warranty Coverage

If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same Product (or, if the same Product is not reasonably available, with a product that is comparable in MaxLite's view) at no charge, or will issue a refund. MaxLite reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured products or parts in the warranty replacement process.

General Terms and Conditions of the Warranty

1. The Warranty is effective for purchases of Products on and after July 22, 2019. MaxLite reserves the right to modify the Warranty from time to time; any such modifications shall be effective for all purchases made on and after the effective date of such modification.
2. The Warranty is applicable only to Products originally purchased from an authorized MaxLite distributor/dealer and is otherwise void.
3. Except for Products that qualify for a labor allowance per the SPWC, MaxLite is not responsible for any of the labor costs or other expenses associated with Product removal or installation.
4. The Warranty is void if the Product is operated outside its normal operating conditions per the applicable PDS, has been installed for an application for which it is not rated, or has been subject to accident, neglect, abuse, misuse, or Acts of God, and shall only be effective if the Product has been used, installed, and maintained in accordance with MaxLite's written instructions.
5. The Warranty shall not apply to any Product which is used, installed, operated, or maintained in violation of any applicable standard, code, or instructions for use, including without limitation, those contained in the Standards for Safety of Underwriters Laboratory, Inc (UL); the National Electric Code (NEC); Standards for the American National Standards Institute (ANSI); or, in Canada, the Canadian Standards Association (CSA).
6. The Warranty does not cover any 3rd party devices or products used in conjunction with the Product unless they are purchased from or provided by MaxLite to be used specifically with the Product.
7. Repaired and/or replacement products are warranted by MaxLite for the remainder of the failed Product's original Warranty Period.
8. The Warranty shall not apply to Products, parts, advice, assistance, or service which a) MaxLite furnishes as a courtesy or for no fee, and/or b) that are purchased and/or used outside of the United States or Canada.
9. In the event that LEDs fail to operate, such shall constitute a Product defect under the Warranty only if at least 15% of the LEDs per product have stopped illuminating.
10. The Warranty does not cover any cosmetic Product defects, including without limitation, damage to the painted Product finish or other finish or coating. Nor does the Warranty cover any lumen drop-off or CCT (color temperature) variations experienced by a Product.
11. Only an Officer of MaxLite, or a designee appointed in writing by an Officer of MaxLite is authorized to change, modify or extend the terms of this Warranty.
12. The Warranty and all matters connected with the performance thereof shall be construed, interpreted, applied and governed in all respects by the laws of the State of New Jersey in the United States of America. Any action, suit or proceeding arising out of or relating to this Limited Warranty and/or to the purchase of Products covered by this Limited Warranty, shall be venued exclusively in the State or Federal courts located within the State of New Jersey (U.S.A.).
13. To make a claim under the Warranty, customer must notify MaxLite (or MaxLite's designee) in writing, during the Warranty Period, of the Product failure. All claims must be initiated using the warranty claim process found on MaxLite's website.
14. Before providing Warranty coverage, MaxLite or its designee(s): (i) may require that you provide evidence of the purchase and/or installation date (e.g. a copy of original receipt/invoice, customer order number, etc.); and (ii) shall have the right but not the obligation to inspect the relevant project job site.
15. Warranty coverage is only available if the original purchaser is not in default or arrears on any portion of its payment obligations to MaxLite for the defective Product.

LIMITATION OF LIABILITY

THIS WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, such limitation may not apply to you.