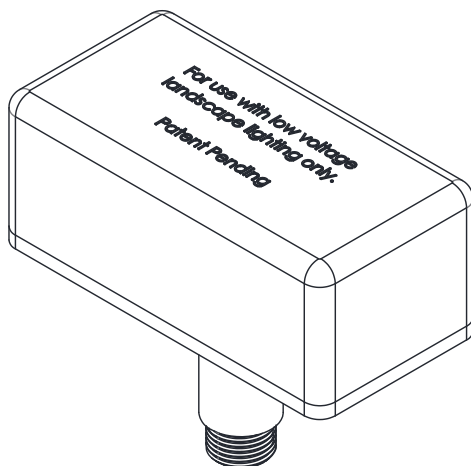




## INSTALLATION INSTRUCTIONS

AMP® Low Voltage Smart Repeater Hub

**ITEM: SM-AAC-HUB7-PBK**

1-813-978-3900 • Mon-Fri 9am-6pm (ET)



## **IMPORTANT: PLEASE READ BEFORE INSTALLATION**

This smart repeater hub is intended for installation in accordance with local codes and the National Electric Code (NEC). Failure to adhere to these codes and instructions may result in serious injury, property damage and void the warranty.

These instructions do not intend to cover all variations in installation, operation maintenance or mounting situations.

1. Make sure that the power is turned OFF before installing or servicing this smart repeater hub.
2. Warning: this smart repeater hub is not intended to be installed within 10 feet [3 meters] of a pool, spa or fountain.
3. This smart repeater hub is intended to be used only with a power supply (transformer) rated maximum of 300 watts (25 AMPS) at 15 Volts.
4. Underground Low Energy Cable must not be buried over 6" (15.2 cm) in order to connect to the main low AMPage cable.
5. Position the wire connector so that it is located within 6 inches (15.2 cm) from a building structure, a luminaire, or fitting.
6. The low AMPage cable should be protected by routing in close proximity to the smart repeater hub or fitting, or next to a building structure such as a house or deck.
7. Contact only switch/plug when turning on.
8. When ordering additional wire or cable, please contact the manufacturer customer service or contact a qualified electrician.

# INSTALLATION INSTRUCTIONS

## IMPORTANT FCC INSTRUCTIONS AND WARNINGS

**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.

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

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.

### **RF Exposure Statement:**

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

## PACKAGE CONTENTS

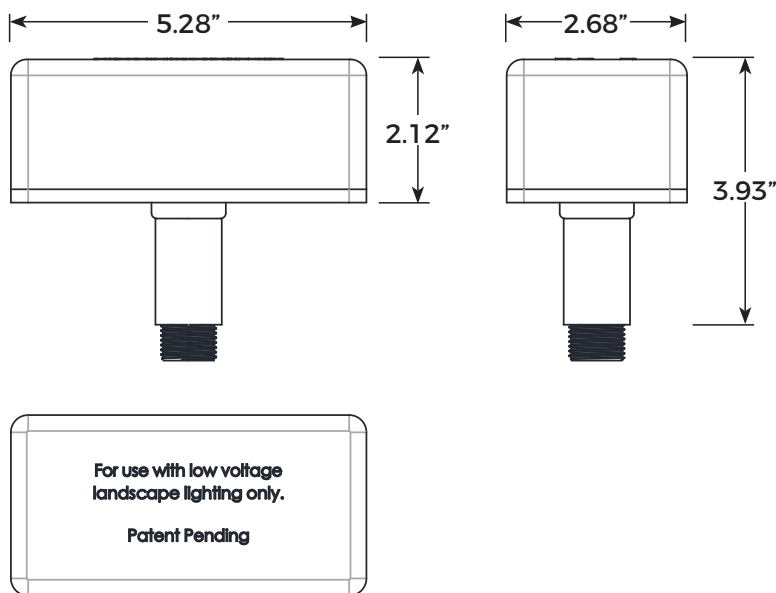
- A. (1) Smart Repeater Hub
- B. (1) Riser

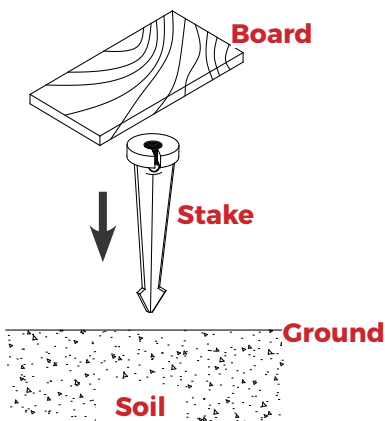
## PARTS REQUIRED (SOLD SEPARATELY)

- A. (1) Mounting Accessories

\*\*\* Visit our website [www.amplighting.com](http://www.amplighting.com) to purchase. \*\*\*

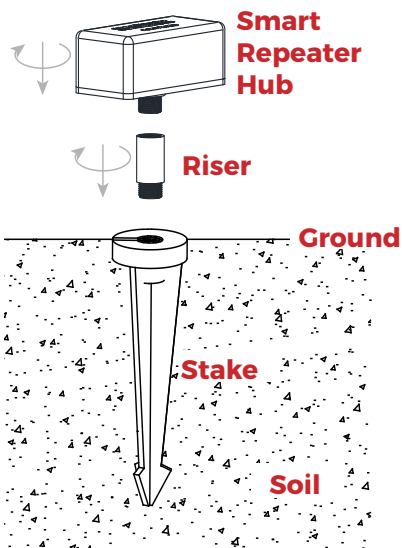
## PRODUCT DIMENSIONS



**1 INSTALL STAKE**

Determine the desired location for mounting the stake. Hammer the stake into the ground until flange of stake is flush to grade. To avoid damage to the stake, place a board on top of the stake while hammering.

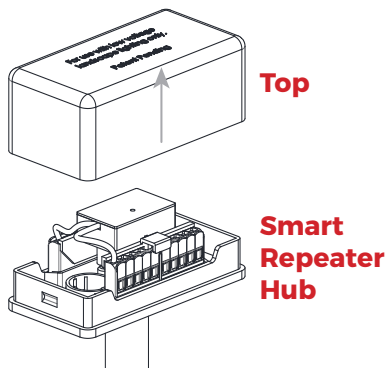
Note: If the ground is hard and the stake is difficult to install, make a crosscut in the ground using a flat shovel.

**2 INSTALL SMART REPEATER HUB**

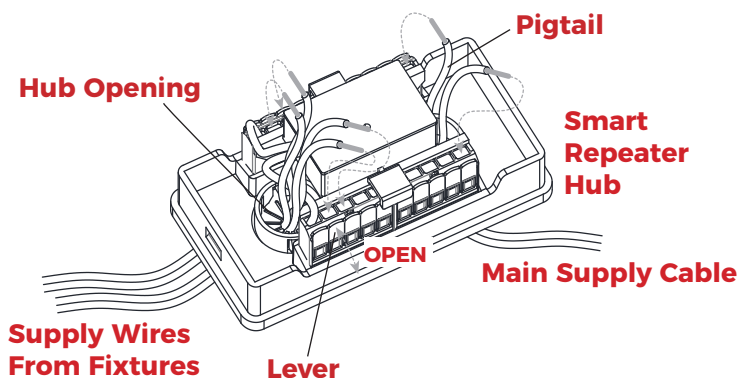
Thread the riser and the smart repeater hub onto the stake. Hand tighten until snug.

### 3 REMOVE TOP

Remove the top from the smart repeater hub.



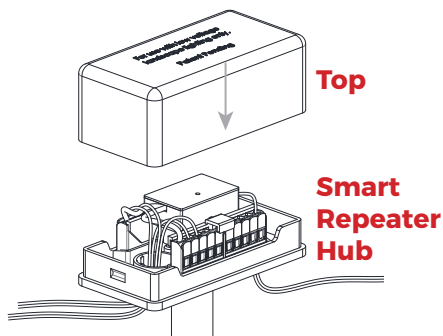
### 4 CONNECT WIRES



1. Pass the main supply cable and supply wires from fixtures through the hub openings on the bottom of the smart repeater hub. Each hub opening can accept four cables.
2. Strip each end of supply cable pigtail.
3. Open the lever on the terminal block connectors.
4. Insert one pigtail into one port on one of the terminal blocks and push the lever down to secure the connection.
5. Insert another pigtail of the cable into the opposite port on another terminal block and push the lever down to secure the connection.

Use the same methods to connect other supply cables to the smart repeater hub.

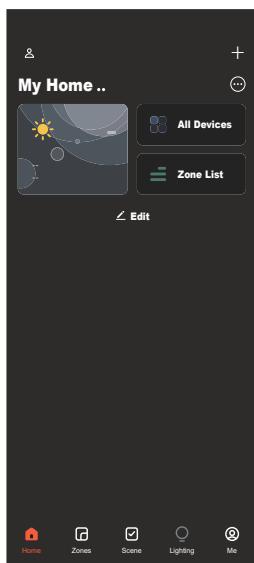
## 5 INSTALL TOP



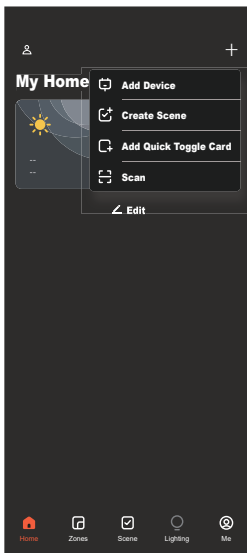
After all wires are connected, carefully pull the extra wire out of the bottom hub openings. Then, place the top back onto the smart repeater hub.

## HOW TO CONNECT SMART REPEATER HUB TO LIGHTING SYSTEM

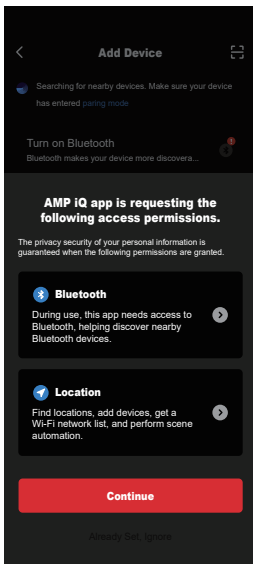
Before connecting the smart repeater hub to your lighting system, please ensure that the APP “AMP iQ” has been installed in your smartphone.



1. Start the APP “AMP iQ” on your smartphone. Tap the “+” icon in the top right corner to add the smart repeater hub to your lighting system.



2. Click “Add Device”.

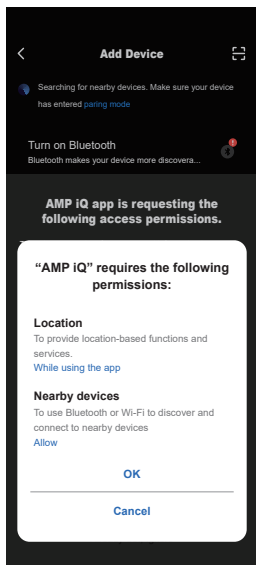


3. Before click “Continue”, please check below notes on the screen:

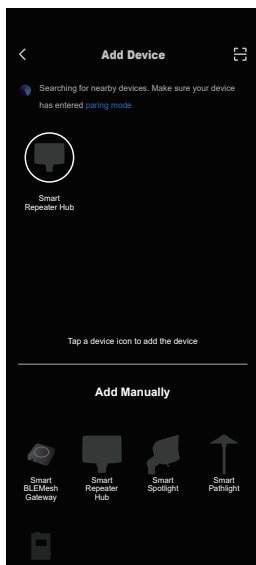
“AMP iQ” app is requesting the following access permissions.

- **Bluetooth:** During use, this app needs access to Bluetooth, helping discover nearby Bluetooth devices.
- **Location:** Find locations, add devices, get a Wi-Fi network list, and perform scene automation.

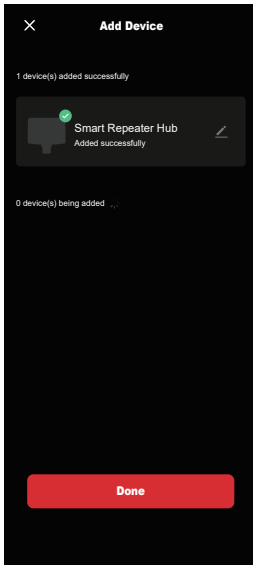
### HOW TO CONNECT SMART REPEATER HUB TO LIGHTING SYSTEM (CONTINUED)



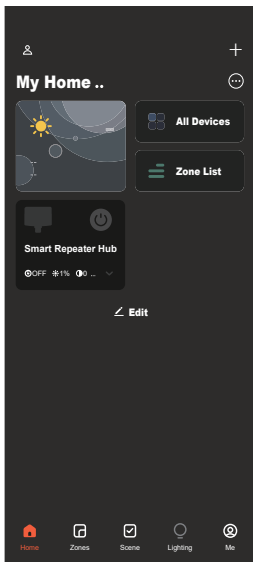
4. To grant the permissions by selecting “While using the app” for location and “Allow” for nearby devices. Then click “OK”.



5. Tap the smart repeater hub you would like to add from the list.



6. Wait until the smart repeater hub is added successfully. Give a easily recognized name to the connected smart repeater hub through the edit button on the right. Then click “Done”.



7. The added smart repeater hub is shown in the “Home” page of the “AMP iQ” app.

**Congratulations! The installation and configuration of your AMP iQ smart repeater hub is completed.**



# INSTALLATION INSTRUCTIONS

AMP® Low Voltage Smart Repeater Hub  
**SM-AAC-HUB7-PBK**



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Specifications and product details subject to change without notice.  
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