

Remote Control Searchlight Instruction Guide

Congratulations on Your New Primelux **PX2448/PX2480** Searchlight! And thank you for selecting Primelux for your lighting needs. We're confident you'll find our searchlights to be durable, versatile, and powerful.

Please read these instructions before using your new Primelux **PX2448/PX2480** Searchlight.

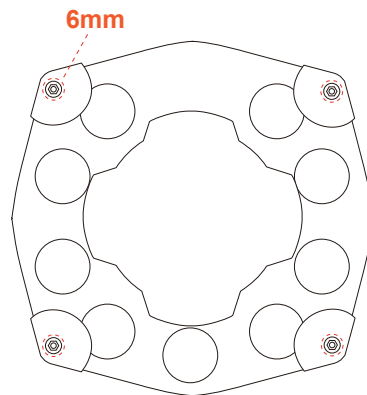
Package Includes

- 1 x Remote Control Searchlight (**PX2448/PX2480**)
- 2 x Remote Controllers (**PX24-RC**, *Battery not included)
- 4 x M6 Mounting Bolts
- 4 x M6 Mounting Nuts
- 1 x Instruction Guide

Searchlight Installation

Permanent Mounting

1. Permanent mounting is recommended for use on moving vehicles.
2. Drill 4 holes, each with a 6mm diameter, at the desired searchlight installation location.
3. Secure the searchlight in place using the provided M6 bolts and nuts.



Magnetic Mounting

1. Magnetic mounting is NOT for use on moving vehicles.
2. For a portable and convenient setup, attach the searchlight to using the 9 super strong disc magnets.
3. Please note that magnetic mounting is not recommended for use on moving vehicles. If you plan to operate the searchlight while the vehicle is in motion, it is advised to use the permanent mounting method for safety and stability.

Remote Controller

Controller Installation

The remote control comes with a rear bracket.

You can install this bracket in a suitable location, and then you can dock the remote control onto the bracket.



PX24-RC

Controller Functions

1. Indicator Light (Turns green when any button is pushed)
2. Directional Control (360° Continuous Rotation x 109° Tilt)
3. On/Off Switch (With Auto-Return function: Lamp will automatically return to horizontal home position when this button pushed to off)
4. SOS (Only work when button#3 is On)

Pairing and Unpairing

In general, the remote control that comes with the searchlight works right out of the box. However, to prevent interference from other remotes of the same model, it's best to pair it first.

How to Pair:

1. Power On the Light: Connect the searchlight to a 12V/24V DC power source and press the On/Off button on the remote to turn the light on.
2. Initiate Pairing: Press and hold the On/Off button for at least 6 seconds. The light will flash three times (long-flash) to indicate successful pairing.
3. Re-Pairing: If the light flashes three times with short-flashes, it means the remote was previously paired and has now been unpaired. Repeat steps 1 and 2 to re-establish the pairing.
4. Maximum Pairing: The light can be paired with up to two remote controls. If a third remote is paired, the first one will automatically be unpaired.

How to Unpair:

1. Power Off the Light: Ensure the searchlight is connected to a 12V/24V DC power source but turned off.
2. Initiate Unpairing: Use any remote (regardless of previous pairing status) and press and hold the On/Off button for at least 6 seconds. The light will flash three times (short-flash) to confirm successful unpairing, after which all previously paired remotes will no longer be connected to the light.

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.

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

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

NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.