



Monoprice™
Stealth Motorized Recessed Projector Lift
(Max 44 lbs.)

P/N **15495**
User Manual

SAFETY WARNINGS AND GUIDELINES

Please read this manual thoroughly, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

Installation and Operation

- This product should only be installed by a qualified structural contractor. Failure to follow proper structural code in regard to hanging equipment could result in serious injury or death.
- The ceiling structure to which this projector lift will be attached must have a minimum load bearing capacity four times the total weight of the lift and any attached projector. Note that the lift weighs 48.1 lbs. (21.8 kg) and the maximum weight of any installed projector is 44.0 lbs. (20.0 kg).
- Frequently inspect the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is needed.
- Do not stand beneath this product while it is in operation.
- Before installing the device, remove any unnecessary cables and disable any equipment not needed for powered operation.
- Ensure the lift is visible when raising and lowering to ensure that there are no obstructions to hinder operation.
- When fully lowered, ensure that the bottom of the lift is at least 8 feet above the floor.
- To avoid overheating of the motor, do not operate the lift continuously for more than 4 minutes. If the motor overheats, internal protection circuitry will shut down the motor until it cools sufficiently for continued operation.

General

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. If water does get in or on the device, unplug it from its power source and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- All wires and cables installed inside the ceiling must be rated for in-wall/in-ceiling use by the UL® or a similar certification agency. An in-wall rating is sufficient for residential installations, while a riser or plenum rating is required for commercial installations. Please refer to your local building regulatory agency for guidance.

- Do not place or install this device in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.
- When it is extended, take care not to shake the lift or attempt to manually lift it up.
- This device has no user-serviceable parts. Do not attempt to repair or disassemble this device.
- The motor requires no periodic lubrication.

Power

- This device requires a grounded/earthed power connection for safe operation.
- A short power cord is included with this device. However, you can construct a longer cord or make a permanent, fixed power connection. If replacing the included cord, use a three-conductor power cord of sufficient gauge to handle 170 watts, plus the power requirements of the attached projector.
- If using a fixed electrical connection (directly wired to a power source), install a quick disconnect device inline where it can be readily accessible. If using a standard AC power plug, ensure that the power outlet is readily accessible so that power can be removed in the event of an emergency.
- All wires and cables installed inside the ceiling must be rated for in-wall/in-ceiling use by the UL[®] or a similar certification agency. An in-wall rating is sufficient for residential installations, while a riser or plenum rating is required for commercial installations. Please refer to your local building regulatory agency for guidance.
- Unplug this device from the power source when not in use.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Remove the batteries from the controller if it will go unused for a lengthy period of time.

Height Adjustment

- Be careful while adjusting the upper height limit to not set the height too high or you could cause damage to the motor and/or canvas belts.
- To check for overadjustment of the upper height limit, check the connecting rod at both ends. If no gap exists, the height limit is set too high. Another sign is that the bottom plate does not work.

- When setting the lower height limit, ensure that there are at least one and a half loops on the woven belt.

Remote Control (P/N): GF123-5

 WARNING	
• INGESTION HAZARD: This product contains a button cell or coin battery • DEATH or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours. • KEEP new and used batteries OUT OF REACH of CHILDREN • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. • Identity of battery type: CR2032 • Nominal voltage: 3V	

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. DO NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death. Call a local poison control center for treatment information.
- Identification of compatible battery type: CR2032
- Nominal battery voltage: 3V
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above manufacturer's specified temperature rating, or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

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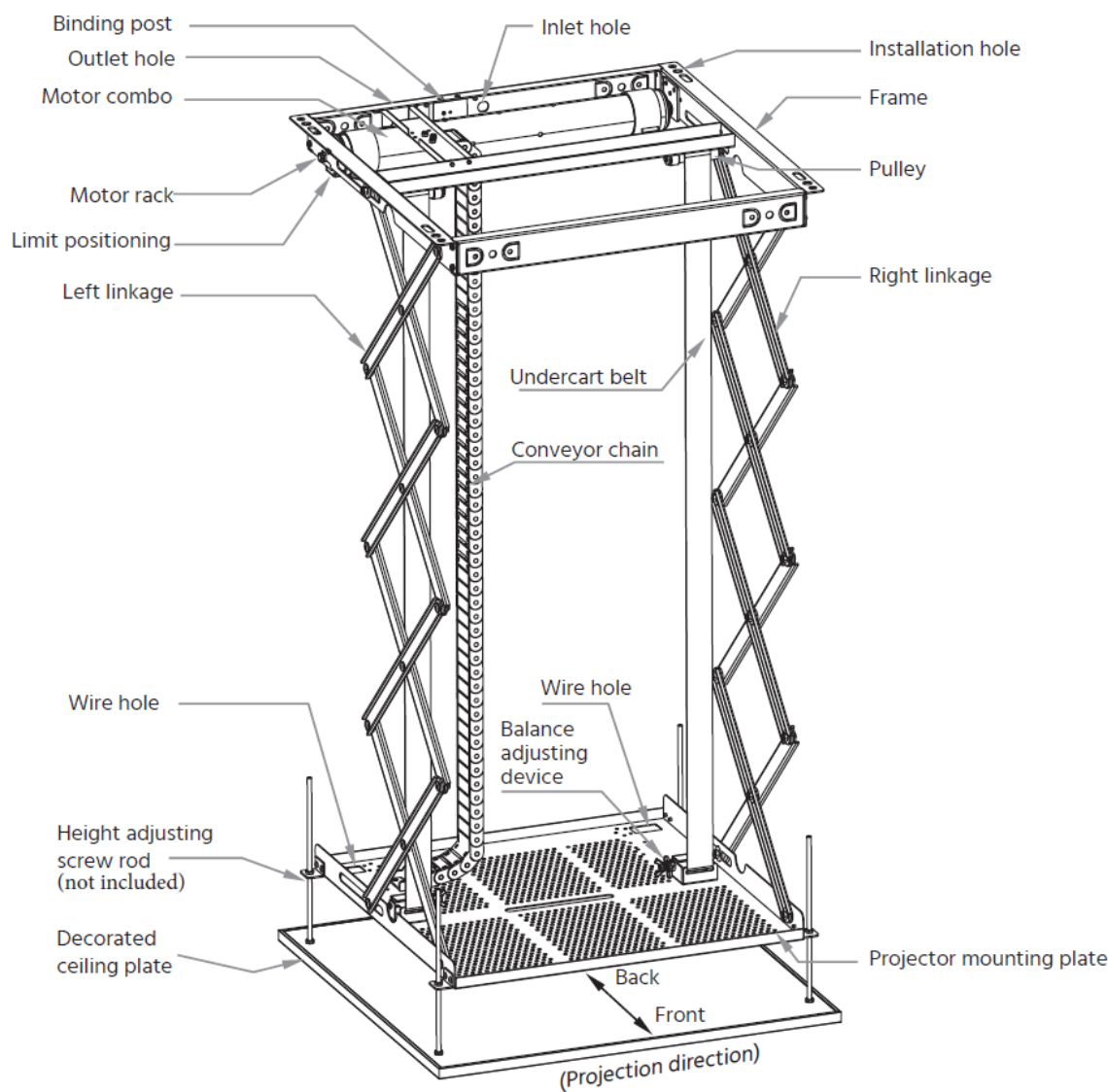
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PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice™ Customer Service for a replacement.

- 1x Motorized Projector Lift Assembly
- 1x Ceiling Cutout Template
- 1x Remote Kit (Remote Handset, Remote Receiver Box, User Manual Included)
- 1x M4 Hex Wrench
- 4x M3 x 20 mm Screws
- 4x M4 x 20 mm Screws
- 4x M5 x 20 mm Screws
- 4x Rubber Washers
- 3x Long Ribbons
- 1x 6P-4 Power Wire Clip
- 1x User Manual

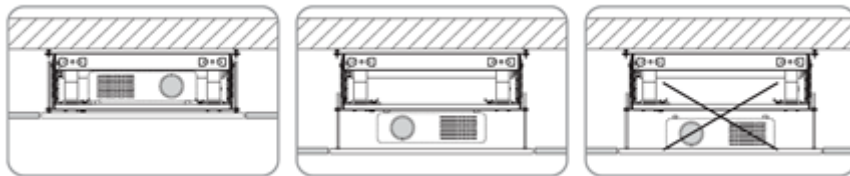
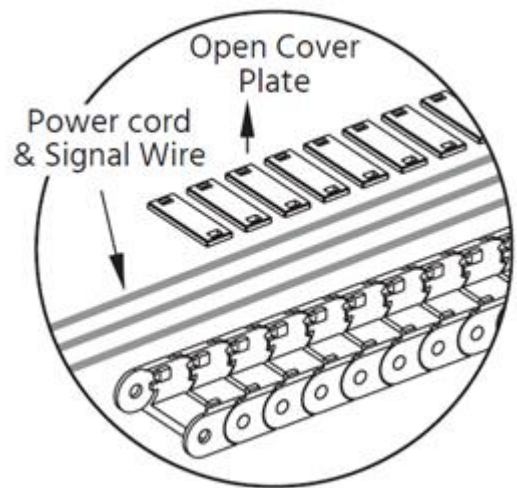
PRODUCT OVERVIEW



INSTALLATION

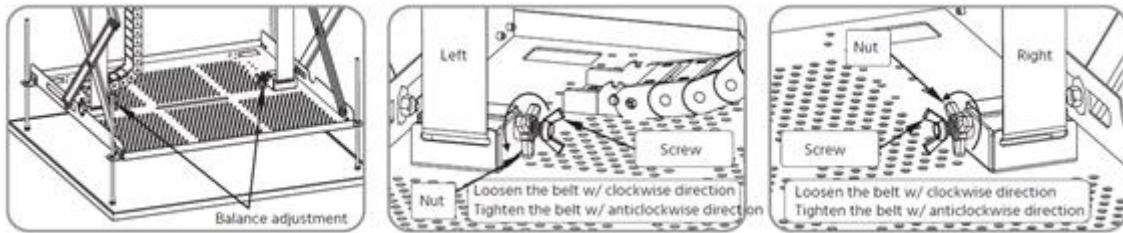
This projector lift is designed to be installed in the space between a dropped ceiling and the primary ceiling structure. The lift itself needs to be mounted to the primary structure, which must be capable of supporting four times the total weight of the lift and the projector. This lift weighs 48.1 lbs. (21.8 kg) and the maximum weight of any installed projector is 44.0 lbs. (20.0 kg).

1. Once the mounting location has been selected, measure the distance between the surface of the ceiling and the primary ceiling structure, to which the lift must be mounted. We will refer to this distance with the variable **H**.
2. If **H** is less than 11.8" (300 mm), the lift can be mounted directly to the primary ceiling structure. If **H** is greater than or equal to 11.8", you will need to use M10 threaded rods (not included) to mount the lift at the correct height.
3. Use the cardboard template to mark the mounting locations on the primary ceiling structure.
4. Mount the lift to the primary ceiling structure. Use a carpenter's level to ensure that the lift is perfectly level. Failure to properly level the lift can result in improper operation and damage to the lift.
5. Remove the cover plate from the conveyor chain, then run the projector's power and video cables through the conveyor chain. Reinstall the cover plate. Do not attempt to thread the cables through the conveyor chain without first removing the cover plate.
6. The lift allows you to mount the projector in its normal orientation or inverted. The normal orientation is preferred if the space between the primary ceiling structure and the dropped ceiling surface is limited. Mount the projector to the projector mounting plate. If the mounting holes on the projector mounting plate do not align, use the included multifunctional arms. **DO NOT MOUNT THE PROJECTOR TO THE DECORATIVE CEILING PLATE!**



7. Use M10 threaded rods with washers and nuts (not included) to adjust the distance between the projector (if mounted inverted) or the projector mounting plate (if mounted normally) and the decorative ceiling plate. There should be at least 0.8" (20 mm) between the decorative plate and the projector or projector mounting plate.

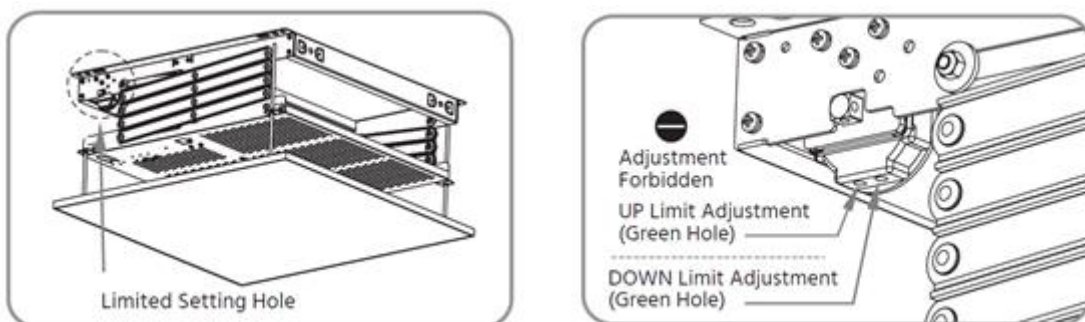
8. Connect the projector power and video to the projector. If using an inverted orientation, first feed the cables through the hole in the projector mounting plate.
9. Use a carpenter's level to recheck the balance of the projector mounting plate. If it is not perfectly level, adjust the length of the woven belts. To adjust the height, first loosen the locking wingnut, then turn the adjustment nut. Turn the nut clockwise to lower the height on that side or turn it counterclockwise to raise the height. Make small adjustments to each side. Adjust each side until balance is achieved. Finally, tighten the locking wingnuts to prevent the adjusting nut from moving.



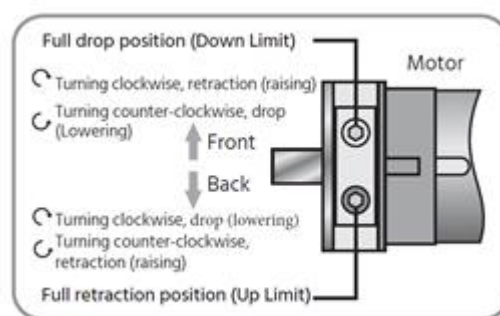
10. Plug the projector power and video cables into the projector lift.
11. Run a video cable from the projector lift to the video source.
12. Plug the projector lift power cable into a nearby AC power outlet. Ensure that the outlet is readily accessible so that the assembly can be quickly and easily disconnected from power.
13. Mount the RF remote control receiver near the ceiling surface.
14. Use the RF remote control to lower and raise the lift through its full range several times.

Note that if the motor gets hot from overuse, internal circuitry will disable the motor until it has had time to cool back down to the operating temperature.

15. Use a carpenter's level to check the balance again. Adjust the height as necessary to achieve balance, following the instructions in step 9.



16. Use the included M4 hex wrench to adjust the down limit and up limit on the motor, raising and lowering the lift as necessary to test the new limits. The down limit should provide sufficient clearance to properly project the video image, while the up limit should be such that the surface of the decorative ceiling plate is even with the ceiling surface.



17. Once the up and down limits have been set, use a carpenter's level to recheck the balance and adjust the height as necessary, following the instructions in step 9.
18. Reinstall the dropped ceiling and cut a hole for the decorative ceiling plate. The hole should have 5-10 mm space between the plate and the surrounding ceiling tile.

SPECIFICATIONS

Input Voltage	110 VAC, 60Hz
Input Current	1.47 amps
Power Consumption	170 watts
Motor Torque	20 N•m
Motor RPM	17 rpm
Maximum Extension	78.8" (2000 mm)
Weight	48.1 lbs. (21.8 kg)
Maximum Projector Weight	44.0 lbs. (20.0 kg)

CUSTOMER SERVICE

The Monoprice™ Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problems with your order, please give us an opportunity to make it right. You can contact a Monoprice™ Customer Service representative through the Live Chat link on our website www.monoprice.com or via email at support@monoprice.com. Check the website for support times and links.

TECHNICAL SUPPORT

Monoprice™ is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable

Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com or through email by sending a message to tech@monoprice.com. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to www.monoprice.com and type **15495** into the search bar. If available, support files are linked at the bottom of the product page.

REGULATORY COMPLIANCE

Notice for FCC



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.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

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.

Radio Notice for FCC



Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

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.

Notice for ISED Canada



This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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Contact us: www.monoprice.com/contactus

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