



SL-236 SMART-LIFT™
EXTENDED SHOW POSITION

SL-236 SMART-LIFT™

the focus:

The SL-236 SMART-LIFT™ is a popular solution for corporate offices and sophisticated homes to electrically lower projectors from high ceilings. Designed to fit most installation requirements, the SL-236 needs only eleven inches of ceiling clearance, easily accommodates multiple control options, and is plenum rated. We understand the complexity of lift installations and have a helpful technical staff available to assist with questions.

FEATURES

- Plenum rated
- Low profile – 11" overall closed height
- 36" of travel distance – three stopping positions (up/show/service)
- Low voltage controlled
- Used with finished or suspended ceilings
- Projector roll, pitch and yaw adjustments
- Fore/aft, left/right projector positioning
- Vertical projector cradle adjustment
- Quick projector disconnect/reconnect
- Four mounting methods
- Cable management
- Two internal outlets, one is switched on 110V units

HT

SPECIFICATIONS

- Downward Travel: 36" / 914.40mm
- Minimum Clearance Above Ceiling: 11" / 279.4mm
- Overall Dimension (Up Position): H x W x D
11" x 25" x 27 1/2"
279.40mm x 635mm x 698.50mm
- Maximum Projector Size: H x W x D
9 1/2" x 20 1/2" x 23 1/4"
241.3mm x 533.40mm x 590.55mm
- Ceiling Opening: W x D
25 1/2" x 27 3/4" (+3/8", -0")
641.35mm x 704.85mm
- Ceiling Closure Panel: W x D
24" x 24" / 609.60mm x 609.60mm
- Voltage: 120V or 230V
- Low Voltage: Will accept 5–30V AC/DC for triggering commands
- Current Draw: .75 Amps Continuous
- Net Weight: 85 lbs. / 38.46 kg
- Lift Capacity: 35 lbs. / 15.9 kg
- Projector Adjustment Features:
Roll ±2 degrees
Pitch ±15 degrees
Yaw ±10 degrees
Fore/aft and right/left projector cradle positioning
- All electrical components are UL, CSA and VDE listed
- Color: White

FAQ

- Q.** Is the SL-236 plenum rated?
A. Yes. The SL-236 is in compliance with the National Electrical Code requirements outlined in NEC Article 300.22 C when installed in accordance with Chief's instructions for plenum rated installations.
- Q.** How do I mount my projector to the lift?
A. One SLB bracket is required to attach it to the lift. The SLB bracket is a separate part number and is used only for Chief lifts. You order the same suffix as the RPA but use an SLB prefix.
- Q.** How do I adjust the "show" position?
A. Simply adjust the limit switch located in the outside bottom corner of the lift with a screwdriver. Adjusts within travel range of 4" to 36".
- Q.** How do I service my projector?
A. Extend the lift to the service position. The center cradle removes for easy projector access without losing registration.
- Q.** What do I need to control the lift with AMX/Crestron type systems?
A. Provide a minimum of two dry contacts to control the unit. One dedicated for extend. One dedicated for retract. A third may be added for the service position.
- Q.** Can I wire more than one control device?
A. Yes, you can piggyback systems as long as you are not using latching switches.
- Q.** Can I control another device, such as a screen, by using the lift's low-voltage controller?
A. Yes, Chief's controller provides two dry latching contacts to control another device.
- Q.** What if my projector needs time to cool down before the lift closes?
A. If the projector has a 5V–30V trigger, Chief's lift can be wired to sense the trigger and extends/retracts with the ON/OFF function of the projector.
- Q.** Does the SL-236 fit inside a 2' x 2' suspended ceiling?
A. The SL-236 is slightly larger than the 2' x 2' ceiling tile opening. Some modification of the ceiling track will be necessary to install the lift.

ORDERING STEPS

1. Determine if up to 36" of travel is appropriate for your application.
2. Verify you have a minimum 11" of ceiling clearance.
3. Cross-reference the manufacturer and model number to determine the appropriate SLB bracket. For the most recent cross-reference chart, visit www.chiefmfg.com or call Customer Service at 1.800.582.6480 (domestic) / 952.894.6280 (international).
4. Verify that the dimensions of the projector fit into the Maximum Projector Size dimension listed in the Specifications. If your projector is close to the maximum size, call Customer Service to verify that your projector will fit properly.
5. Determine what type of ceiling you have — finished or suspended. You must specify when ordering by including the following after the part number — FD (Finished) or SP (Suspended).
6. All models are available in 230V, 50Hz, .8 amps continuous. To order as a 230V, add the letter "I" after the complete model number. Example: if ordering the SL-236SP for 230V, order as SL-236SPI.
7. Decide which mounting accessories you need. For a full line of accessories see pages 17–24.
8. Determine if you will need a control accessory such as Radio Frequency Remote Control (RC-10) or Infrared Remote Control (IR-10).

NOTE: The SL-236 ships by truck.

SL-236 SMART-LIFT™ (CONTINUED)

RECOMMENDED ACCESSORIES

SLB (Required)	Refer to cross-reference chart to order an SLB Projector Bracket.
SMA-600	Single Column Mounting Plate — SMA-600 is used for the SL-236 installation and attaches to any 1 1/2" NPT Extension Column. The mounting plate allows 3" fore/aft and 3" left/right adjustments, as well as slight roll, pitch and yaw adjustments.
SMA-650	Threaded Rod Adapter — Highly recommended when installing the lift using threaded rod. These adapters attach to the top of the lift and provide external access to the threaded rod nuts for hassle free leveling. Two adapters per kit, only one kit needed per lift.
SMA-620	Suspended Ceiling Track Clip — SMA-620 provides a secure means of attaching the suspended ceiling T-channel to the sides of the lift for an easier installation. Kit includes eight clips.
UPB-1	Upright Projector Bracket — Allows the projector to be mounted in an upright position inside the lift, while retaining all of the roll, pitch, and yaw adjustments of the lift. The UPB-1 will accommodate projectors up to 9 1/8" (231mm) H x 17 1/4" (438mm) W x 20" (508mm) D.
RC-10	Radio Frequency Remote Control..... Page 24
IR-10	Infrared Remote Control..... Page 24
QD-1	Quick Disconnect Page 22

FOR MORE ACCESSORIES SEE PAGES 17–24.

CONTROL OPTIONS

Single Momentary Pushbutton	Included
Integrated Control (AMX/Crestron).....	Connects to 2 dry contacts
Infrared Remote Control.....	Order IR-10 accessory
Radio Frequency Remote Control	Order RC-10 accessory
Voltage Trigger	Lift will extend while voltage is present, 5–30V AC/DC

Chief's technical support team is available for application and installation assistance Monday–Friday, 7 AM–7 PM (CST).

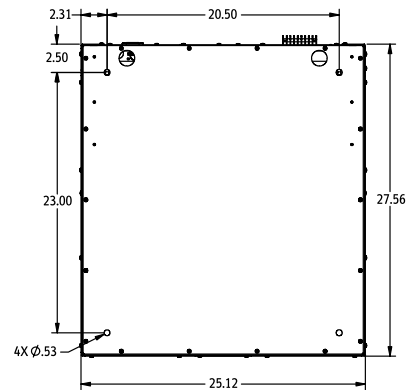
SMART-LIFT™ Controller Capabilities			
Features/Functions	Description	Models	
		SL-150	SL-236
24V AC	24V AC – Used to power external devices and remote controls.	x	x
12V DC	12V DC – Used to power external devices.	x	x
RETRACT	Operates motor in up direction, unless UP LIMIT has been reached.	x	x
EXTEND	Operates motor in down direction, unless DOWN LIMIT has been reached.	x	x
RETRACT/EXTEND	Commands motor to start if it is stopped. Motor will travel opposite of last direction traveled. Allows RF remote control connection. Will accept command signals ranging from 5 to 30 volts AC or DC.	x	x
EXTEND POSITION/RETRACT POSITION SWITCH OUTPUTS	Two separate switches open and close according to lift position (one closes when up, one closes when down). The switches can be used for activation of external devices (on/off or up/down). Example: panel lights, projection screen, shades and speaker lifts.	x	x
ON/OFF AC OUTLET BOX	AC Outlet box turns power off when projector is in up position, 110V lifts only.	x	x
VOLTAGE SENSOR	Unit will extend when terminal senses voltage. Unit will retract when terminal stops sensing voltage.	x	x
SERVICE LIMIT	Extends unit to maximum limit, bypassing normal travel setting.		x

Four Mounting Methods:

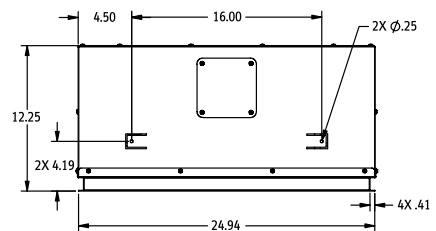
1. Four 3/8" Threaded Rods. Use with SMA-650 accessory. Allows quick and accurate leveling needed for a quality installation.
2. 1 1/2" Threaded Extension Column. Must use SMA-600 accessory. Allows adjustments (2 1/2" fore/aft and 2 1/2" left/right) for exact placement.
3. Joist tabs built-in for side mounting directly to wood framed ceilings commonly found in residential applications.
4. Suspend by cables. Must use SMA-650 accessory. Use this option when distance from the structure or overhead equipment prevent more traditional mounting methods.

TECHNICAL INFORMATION

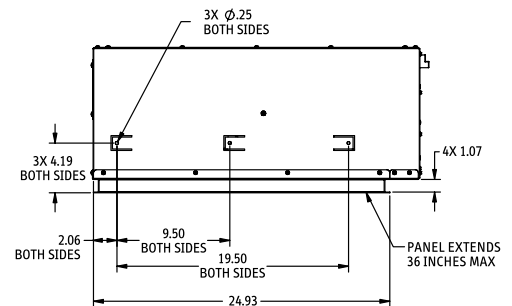
For additional technical information, visit www.chiefmfg.com.



TOP VIEW (SL-236SP)



FRONT VIEW (SL-236SP)



SIDE VIEW (SL-236SP)