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## **INCLINED PLATFORM WHEELCHAIR LIFT USER GUIDE**

Thank you for purchasing a Butler Mobility Inclined Platform Wheelchair Lift (IPL). Your lift has been carefully manufactured specifically for your location and you can expect many years of trouble-free service.

Your IPL is a heavy duty, industrial-strength piece of precision equipment. It has many safety features, including devices to stop the platform if it encounters an obstacle on the stairs in either direction, or in the unlikely event that a chain should break, or the platform should exceed a safe speed.

The Butler Mobility IPL is very safe and operates quite smoothly, but will stop abruptly if an obstruction is encountered or the emergency stop is activated. With the capability of lifting 500 to 750 lbs to considerable heights, its rails and platform are heavy and it has a powerful motor.

***Good judgment should be used in determining whether the person(s) for whom the equipment is needed is (are) able to use the lift without an attendant. It is important to read the information below and use the equipment responsibly.***

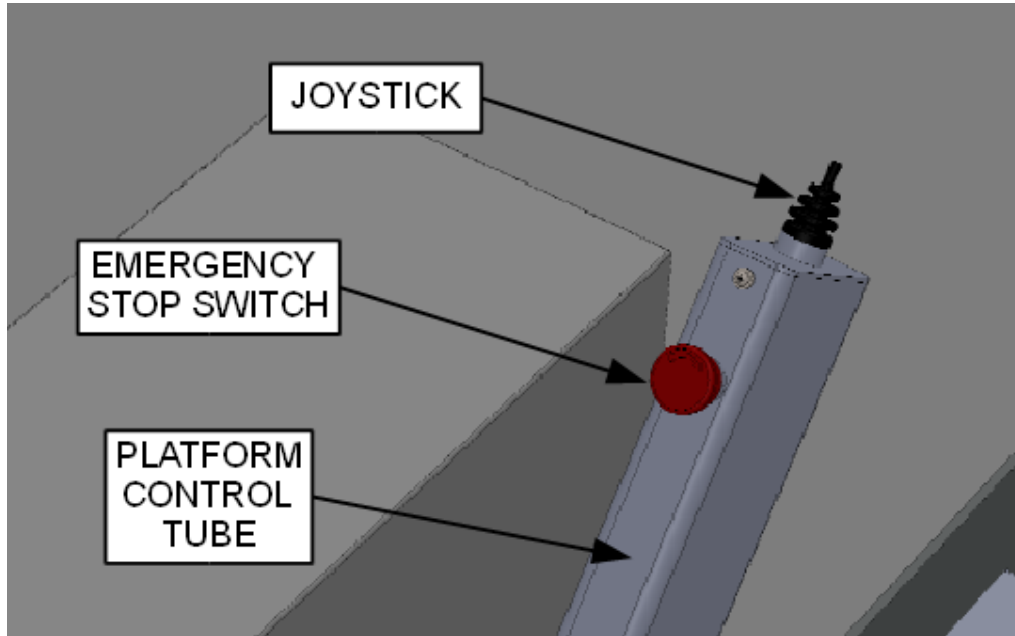
### **1 Boarding the Lift**

- A. **Position:** The correct position for the wheelchair is with either the front wheels or the rear wheels between the two guide strips.
- B. **Brakes:** After properly locating the chair on the platform, always engage the brakes on both rear wheels of the wheelchair. Users of a wheelchair with a joystick should switch off power to the joystick.
- C. **Overhead clearance:** Passengers on the lift have the highest overhead clearance when their back is closest to the stairway. Consider these tips if there is any question of having enough headroom on the platform:
  - If entering the lift from the bottom of the stairs: ride onto the platform backwards and stop with the rear wheels between the two guide strips.
  - If entering the lift from the top landing: face forward and center the rear wheels between the two guide strips.
- D. **Standing passenger:** If an attendant or other passenger is riding the lift, he or she must stand close to the rear of the platform (close to the staircase) and be mindful of room overhead.

### **2 Operating the Lift**

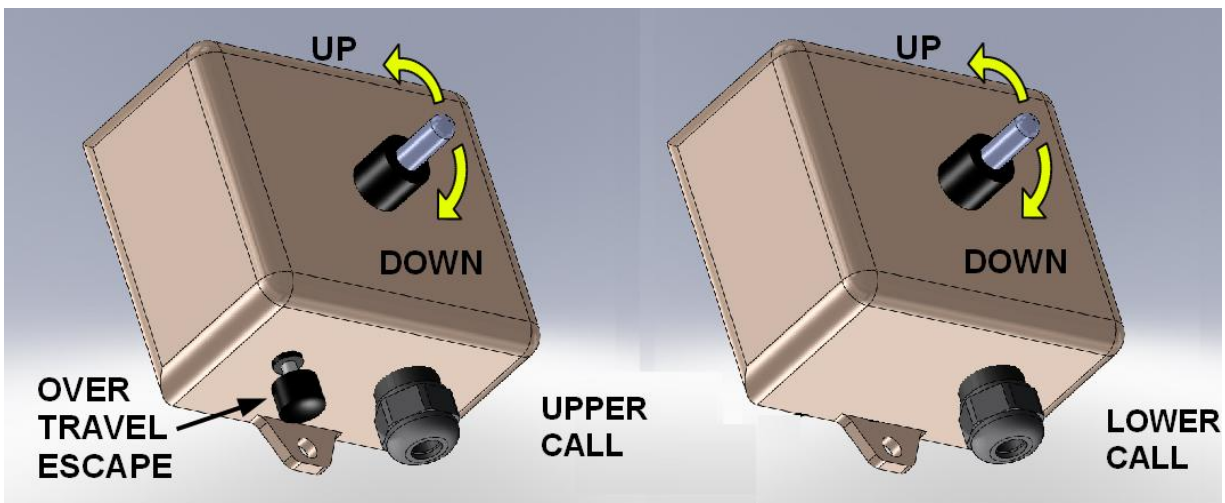
- A. **Joystick:** The primary control is a three-position joystick mounted on the control tube, within easy reach of the wheelchair user (see Figure 1). The switch's center position is off. Tilt the switch toward the top of the stairs to go up. Release it to stop the platform. Tilt the switch toward the bottom of the stairs to go down.

If you wish to change direction while riding the lift, allow the platform to come to a complete stop before proceeding in the opposite direction.



**Figure 1: Platform Controls**

- B. **Emergency Stop:** Push the button (see Figure 1) to stop or disable the lift and pull it out to start or enable the lift again. The Emergency Stop button will latch when pushed in, and must be manually pulled back out. *The lift will stop **very suddenly**.*
- C. **Call switches:** There is a call-send switch at the top of the stairs to bring the lift to the top of the stairs or to send it down. There is also a call-send switch at the bottom of the stairs to move the lift up or down. These switches may be keyed.



**Figure 2: Upper and Lower Call**

- D. **Keyed controls:** if your lift is equipped with keyed controls, the rider must turn the key clockwise (to the right) before using the joystick or either call button. The key cannot be removed from the switch when it is in the on position.
- E. The platform will automatically slow down and then stop at the top and bottom of the stairs. The installation technician will assure that the stopping points are properly adjusted.

## 3 Owning the Lift

- A. **Battery Backup:** The battery backup or Uninterruptible Power Supply (UPS) is an integral part of the lift. It allows the lift to operate approximately 10-15 times, depending on the height and the load, without household electricity (mains power). Plug the UPS DIRECTLY into a dedicated 120V outlet (a circuit breaker wired with only one outlet); do NOT use an extension cord. See Paragraph 4F, “Uninterruptible Power Supply”, below.

The UPS will go through a self-check when plugged in. Press and hold the ON/OFF button to select the UPS mode if the Line Power LED is flashing. Plug the power cord from the lift's power unit into the outlet on the UPS. Contact the factory if the red battery charge indicator is on for more than 12 hours.

- B. **Repair/Adjustment:** Never tamper or allow anyone to tamper with any of the equipment, including the connectors on the power unit and the various safety switches. *Only an authorized repair person should make adjustments or repairs.*
- C. **Cover:** Never operate the lift without the cover on the power unit. *Shock hazards and pinch points are present.*
- D. **Children:** Any lift to which children have access should have keyed switches to prevent them from playing with the unit. If you do not have keyed switches, please contact your dealer or the factory to install them.

## 4 Lift Features and Details








- A. **End Ramp:** Your lift may have a folding end ramp. The lift will stop if the ramp does not begin to retract as the lift leaves the lower level. This is a safety feature, and you will be able to travel back to the lower level. In the unlikely event that the ramp does not fully raise and lock in its upright position when the platform raises off the floor, do not use unit until repaired.
- B. **Apron Switch:** The bottom of the platform has a lightweight fiberboard “apron” which floats inside the platform's frame. Downward travel will stop if anything gets in the way of the apron, although upward travel is allowed to move away from the obstacle.
- C. **Rear Bar Switch:** The bar between the platform and the steps is spring-loaded. Upward travel will stop if anything causes the bar to press back towards the platform, although downward travel is allowed to move away from the obstacle.
- D. **Over-travel Escape:** The lift will be stopped by the over-travel switch if the upper limit switch fails to operate. To recover from this, first depress (press in) the platform emergency stop and then press the over-travel escape switch on the bottom of the upper call-send station (reference Figure 2). The platform will travel slightly downward until the over-travel switch closes or for a maximum of one second. Normal operation may then be resumed by pulling the platform emergency stop switch back out.
- E. **Slow travel zones:** These zones extend approximately six inches from the bottom and top limits. Their function is to make sure that the platform starts and stops safely and comfortably at the top and bottom of the stairs. (“Soft start, soft stop.”) Note that if you reverse direction while within these slow travel zones, the lift will travel slowly for the rest of the trip. This is to assure the lift stops smoothly at the correct place. On the next trip up or down, the lift will travel at the normal speed.

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- F. **Uninterruptible Power Supply (UPS):** The UPS provides temporary operating power to the lift during periods of power loss and line voltage regulation during periods of high or low voltage. It also has power, overload, and battery status indicators (see Table 1).
- Plug the UPS DIRECTLY into a dedicated 120V outlet (a circuit breaker wired with only one outlet); do NOT use an extension cord.
  - The UPS will go through a self-check when plugged in. Press and hold the MODE button to select the UPS mode if the Line power LED is flashing.
  - The battery should be tested by a qualified technician annually and replaced as necessary. Batteries usually need to be replaced every 2 years.
  - Contact the factory if the red Battery Charge indicator is on for more than 12 hours.
  - **Test UPS operation ONLY BY OPENING THE BREAKER DEDICATED TO THE LIFT – unplugging the UPS will result in an ungrounded lift and possible damage to the UPS and lift.**

**Table 1: UPS Switches and Indicators**

INDICATOR / SWITCH	FUNCTION OR DESCRIPTION
	MODE button - Press and hold for approximately two seconds if Line Power LED is flashing to select the UPS mode.
	Line Power – Green for normal UPS mode, flashing when in “Charge only mode” to indicate no backup available
	Voltage regulation – on if UPS is correcting for high or low line voltage
	Overload – RED light for overload while on battery power
	Battery Power – YELLOW when on battery power
	Battery Charge – RED for low charge
	Horn (alarm) – press to cancel alarm

Many Butler Inclined Platform Lifts have been giving trouble-free service for over 30 years. In the event your lift ever shows signs of malfunction, we strongly urge you to engage an authorized dealer or a factory representative for service. Attempting to adjust the lift without the required knowledge and experience may be dangerous to the user and could damage the lift.