



# People Picker Upper (PPU) USER MANUAL

INDEELIFT, INC.  
5143 Tesla Road Livermore, CA 94550  
USA 844-700-5438  
[www.IndeeLift.com](http://www.IndeeLift.com)

INDEELIFT, S.L.  
Barcelona, SPAIN  
[international@indeelift.com](mailto:international@indeelift.com)  
[www.IndeeLift.com](http://www.IndeeLift.com)

# PPU User Manual



Please read this entire manual *before* using the product and retain for future reference.  
**NOTE:** Users should also view the “IndeeLift HFL-300 Training Video”, available on IndeeLift’s YouTube channel.

## TABLE OF CONTENTS

Introduction: .....	3
Overview: .....	3
PPU Features/Functionality: .....	4
Small Footprint and Easy Portability .....	4
Mounting Ramp Seat .....	4
Wired Remote .....	4
Adjustable and/or Removable Rise Handles .....	4
Rechargeable Battery .....	4
PPU Component Identification: .....	5
Preparing the PPU for Use .....	6
Unpacking the PPU: .....	6
Charging the Battery: .....	7
Operation: .....	8
Self-Operation: .....	8
Assisted Operation: .....	9
Maintenance: .....	10
Troubleshooting / Service / Accident: .....	10
Environmental information .....	10
Warranty Information: .....	11
Exclusions: .....	11
Specifications .....	12
Physical Specifications: .....	12
Electrical Specifications: .....	12
EU Declaration of Conformity .....	14

***IndeeLift – the first human floor lift designed and engineered to alleviate  
the grief, hazards and hassles of recovering from a fall!  
“The People Picker Upper”***

# PPU User Manual

## Introduction:

The patented IndeeLift family of products have been designed to assist individuals with mobility challenges and their care providers. IndeeLift's "People Picker Upper" (PPU) models, are a class of human lifts unlike any other available. The rugged and reliable IndeeLift PPU consumer models are purpose-built appliances designed and manufactured with CE, UL and ETL certified components for use in the home and care environments. IndeeLift's professional line offers models for professional healthcare and emergency medical services.

The PPU is designed for self or assisted operation. These appliances can lift a person from the floor without risk of injury to the fallen or anyone assisting them. As a fall recovery appliance, the PPU is extremely maneuverable, and its small footprint allows fall recovery to occur in even the tightest of places. The PPU replaces large and cumbersome sling-style lifts, helping fallen people to recover and get back on their feet quickly, while greatly reducing the associated risks.

## Overview:

This manual covers the PPU consumer models which are designed for use in the home and care environments (such as hospices, rehab and long-term care facilities). The PPU is engineered to lift only 1 person at a time and up to 300 lbs. / 150 kg. This unit is referred to as the "PPU" throughout this manual.

The PPU is operated with a wired remote control in a portable "roll-around" configuration. This state-of-the-art product was designed to easily lift mobility challenged individuals from the floor and can be self-operated or operated with the assistance of a helper, without injury to the fallen person or any helper.

**Self-Operation:** After a fall, the fallen person scoots over to the PPU, slides or tilts up onto the mounting ramp seat, pushes a button on the wired remote, activating the motor which raises them from the floor.

**Assisted Operation:** A helper can easily wheel the PPU to the fallen person and assist them onto the mounting ramp seat, if necessary. The helper then pushes a button on the wired remote, activating the motor which raises the fallen person from the floor.

Once up from the floor, the fallen person can take a deep breath and rest comfortably until they are ready to stand up and walk away or be directly transferred to a wheelchair, all without the risk of injuries related to the fall recovery.

*IndeeLift human floor lifts are covered by the following patents:*  
US 9,808,388; US 10,835,434 and EU 3151803.

# PPU User Manual

## PPU Features/Functionality:

The raised-seat height was dictated by the need to stand from the floor with minimal effort. The ability to transfer directly to a wheelchair is accomplished by setting the seat height at 21 inches / 53 cm which allows a height difference of 1-2 inches / 2-5 cm for lift-free transfers to most wheelchairs.

### Small Footprint and Easy Portability

The PPU is a portable lift that is rolled around on wheels like a traditional dolly. The small footprint allows it to be positioned in many places other lifts simply cannot go. With a turning radius of 32 inches / 381 cm, the PPU can go just about anywhere including all accessible bathrooms, as well as most other bathrooms.

### Mounting Ramp Seat

The PPU's patented design includes a mounting ramp seat that eliminates the need to ever "lift" a person manually. A user either scoots onto the lift using the front ramp or they can tilt up onto the seat with no complex cradles or harnesses to configure - the PPU allows fall recovery to be simple, quick and safe. A person who has fallen can be up from the floor to a normal seated position within minutes.

### Wired Remote

The wired remote has a 1.5m retractable cord, allowing the user or a helper to operate the lift. The wired remote has graphics indicating the up and down functionality. The wired remote is stored on the PPU's handles with the hanger clip.

### Adjustable and/or Removable Rise Handles

The rise-assist handles have been engineered to provide leverage for the seated party to assist in the process of standing once they are up from the floor. The arms can swing away from the seat if needed. They are also removable to allow for mount assistance or a direct transfer to a wheelchair or other destination -- with no lifting required.

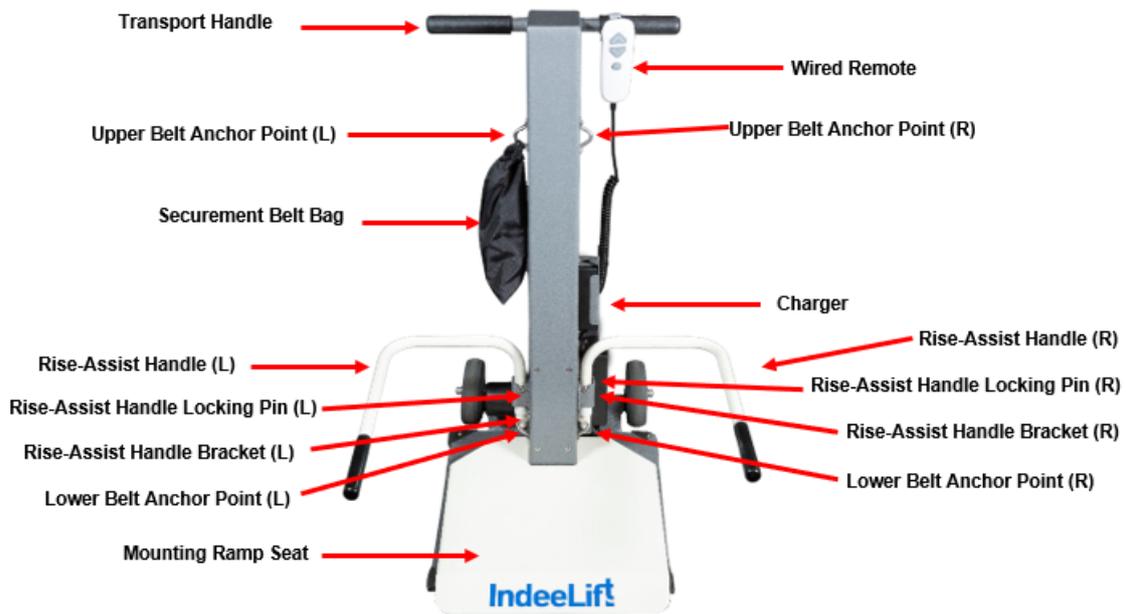
### Rechargeable Battery

The PPU comes standard with a rechargeable Lithium-Ion battery pack and charger. The PPU will operate at less-than-optimum performance when in need of charging. Charging is accomplished by plugging the charging unit's AC power cord into a standard AC wall power outlet, (see **Preparing the PPU for use** on Page 6). A full charge takes about eight hours.

NOTE: Lithium-Ion batteries offer light weight, high energy density, low memory effect and long-life. The charger automatically shuts off when charging is complete, which prevents over-charging. The battery should be charged in a clean, dry location, away from direct sunlight, sparks or flame. Failure to recharge the battery at least once every three months *may* result in the battery no longer accepting a charge. The battery should be fully charged before storing the HFL for extended periods. At some point in the future when the battery needs replacing, please dispose of the old battery at a recycling center.

# PPU User Manual

## PPU Component Identification:



## Components and Controls:

### Wired Remote

The wired remote control is connected to the PPU with a coiled cord and is used to raise and lower the seat by pressing the up or down button.

Raising or lowering the seat takes approximately 60 seconds. The wired remote has graphics indicating the up and down functionality. The wired remote is generally stored on the PPU's handles with the hanger clip.



**Note: If intended for self-operation, the wired remote should be stored on one of the rise-assist handles. (see Self-Operation on Page 8).**



**Ensure the remote cable isn't wrapped around the rise-assist handle during operation.**

### Rise-Assist Handles

The rise-assist handles provide support when standing from the seat. If desired, they can be swung away from the seat by lifting on them, then moving them away from the seat. They are also removable to allow a direct transfer to a wheelchair or other destination.

To insert a rise-assist handle, push the lower end through the receiver bracket until the lower end bottoms out on the domed base (Fig 1), push firmly until seated and the lock-pin located on the rise-assist handle is resting securely in the bracket (Fig 2).

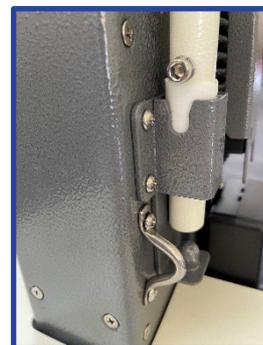


Fig 1



Fig 2

# PPU User Manual

## Preparing the PPU for Use

### Unpacking the PPU:

The PPU comes packaged for shipment in a carton that is sealed with shipping tape. *The unit ships without the wheels attached.* Packed inside the shipping carton will be the PPU, user manual and a box containing the wheel components, instruction sheet and wrench, as well as the AC power cord that connects to the battery charger, the safety belt assembly and a column-mounted storage bag for the safety belt.

- Cut or remove the shipping tape on the top flaps of the carton.
- Stand the packing carton with the heavy end down.
- Open the box and remove the foam and cardboard shipping reinforcement inserts.
- Remove the box containing the wheel components, the AC power cord, and the safety belt assembly.
- Remove the PPU and place it in an upright position on the floor.
- Attach the wheels by following the instructions found in the box with the wheel components and wrench.
- Remove the wired remote from its protective bag.
- Test the PPU by raising and lowering the seat using the wired remote's up and down buttons.
- Properly dispose of the packaging materials.



**NOTE:** If the unit is intended for self-operation, use the hanger clip on the back of the wired remote to place it on one of the lower rise-assist handles. If the unit is intended for assisted operation, place the wired remote on one of the upper transport handles.



# PPU User Manual

## Charging the Battery:



It is recommended that the PPU be fully charged *before* its first use.

## California requires the following notice:

**WARNING** Lithium-ion batteries and products that contain lithium-ion batteries can expose you to chemicals including cobalt lithium nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

1. Position the PPU near a standard commercial AC wall power outlet.
2. Attach the female end of the AC power cord to the connector on top of the PPU's battery charger. (Fig 2)
3. Attach the male end of the AC power cord to a standard commercial AC wall power outlet. (Fig 3)
  - The LED light on the battery **charger** will illuminate green within 15 seconds. (Fig 2)
  - The LED light on the **battery** will illuminate red when the battery is low and will change to green upon reaching a full charge. Fig 4 and 5
  - After an initial charge of up to eight hours, the battery is fully charged and the red LED on the battery turns green. Fig 4 and 5
4. Once the unit is fully charged, disconnect the power cord from the wall outlet (Fig 3) and wrap it around the cord bracket on the charger like you would a vacuum cleaner. (Fig 6)



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Fig 6

## NOTES:

When the PPU's battery is running low, it will emit a steady tone when pressing the up or down button on the wired remote. This indicates that it's time to recharge the battery. Each charge is good for at least 10 lifts, depending on the weight of the person being lifted. If you need to use the PPU when the battery requires charging, or if the battery fails to operate the PPU, the lift can be operated with the power cord connected to an AC wall outlet.

# PPU User Manual

## Operation:



Ensure that any users are thoroughly familiar with the correct operation of the PPU *before* they use it to lift themselves or someone else.

Continuous lift cycles may overheat the motor. To avoid this, a 10 min waiting time between each lift is recommended.

## Self-Operation:

While the assistance of a helper can be useful, the PPU is designed to be self-operated. It is recommended that you keep the PPU in a location easily accessible within the home (i.e., in a place where a fallen person can scoot to it when needed).

1. Keep the seat in the downward (home) position with the wired remote clipped to one of the rise-assist handles, as shown below.
2. After a fall, scoot yourself backwards onto the PPU's mounting ramp seat.
3. Once fully seated in the center and to the rear of the PPU's seat, press the "up" button on the wired remote. The motor engages and smoothly raises the seat to a height of 21 inches / 53 cm, then automatically stops. *NOTE: This takes about one minute.*
4. Once the seat stops in the fully raised position, rest and catch your breath if needed. Then clip the wired remote back onto one of the handles.
5. Ensure your feet are properly positioned for standing, then use the rise-assist handles to steady yourself.
6. Stand up, as you would from any chair.



NOTE: Once you are back on your feet, return the seat to the fully downward (home) position and clip the wired remote to one of the rise-assist handles, (so it will be ready to use again when needed).

### **WARNING**

**ALWAYS ENSURE THERE ARE NO BODY PARTS OR FOREIGN OBJECTS BELOW THE SEAT *BEFORE* LOWERING IT TO THE HOME POSITION AND BEFORE TILTING THE PPU BACK TO AN UPRIGHT POSITION IN ITS STORED LOCATION!**



# PPU User Manual

## Assisted Operation:

If available, a helper can assist a fallen person. When used for assisted operation, it is recommended that the seat be raised to a height of 6 to 8 inches /15 to 20 cm from the floor *before* transporting it to the location of the fallen person. *This will make it easier for the helper to move the unit.*

1. Stand behind the PPU and place one foot on the back of the unit. Then gently tilt the PPU backwards by pulling the handle towards you. You can now pull or push to PPU to the fallen person.



**As you stop at the desired location, ensure there are no foreign objects beneath the seat *before* lowering the seat or tilting the unit back to the upright position.**

**NEVER ATTEMPT TO TRANSPORT A PERSON WHILE THEY ARE SEATED ON THE PPU.**

2. Once you arrive at the location of the fallen person, lower the seat to its fully downward position, temporarily place the wired remote on the upper transport handle, then position the PPU directly behind the fallen person, with the mounting ramp seat as close to the fallen person's buttocks as possible.
3. Have the fallen person scoot themselves backwards into the mounting ramp seat, assisting them if needed.
4. Once the fallen person is fully seated in the center and to the rear of the PPU's seat, have them place their hands on the rise assist handles and let them know you are about to raise the seat. When they are ready, press and hold the up button, as indicated by the arrow on the wired remote. The seat will rise for approximately one minute, then automatically stop.
5. When the PPU has stopped, allow the recovered person to catch their breath and rest if needed, then place the wired remote back on the PPU's upper transport handle and offer the recovered person your hand.
6. Ensure the recovered person's feet are properly positioned for standing, then assist them, if needed, as they stand up from the seat.



# PPU User Manual

## Maintenance:

The IndeeLift PPU requires no regular maintenance. All exposed surfaces can be cleaned with standard cleaning products. Keeping the battery charged helps improve battery life.

**Note: While the PPU is extremely durable and will perform well indoors or outdoors, it is recommended that the PPU be stored indoors when not in use.**

## Troubleshooting / Service / Accident:

The PPU was designed to provide years of trouble-free performance. There are no user serviceable parts. However, should you encounter a situation where the unit is not operating properly, please ensure you have correctly followed the procedures for recharging the unit (covered in the Charging the Battery section of this manual on Page 7).

If charging the unit does not resolve the problem, or if you encounter any other operational issues with this unit, please contact your local reseller. Our knowledgeable associates will help to diagnose the problem and present a plan for swift resolution.

You can also send us an email at [contact@indeelift.com](mailto:contact@indeelift.com) (US, North and South America, Australia) or [international@indeelift.com](mailto:international@indeelift.com) (Europe, UK, Asia) with your model number, serial number, purchase date and a detailed description of the problem.

In case of an accident or an emergency occurring with the PPU dial 911 (U.S.), 112 (Europe), or your local emergency number.

## Environmental information

Disposal of your old product:

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2012/19/EU.

Please get informed about the local separate collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

# PPU User Manual

## **Warranty Information:**

IndeeLift, Inc. and IndeeLift SL. warrants to the original purchaser that this product and the components thereof will be free from defects in workmanship and materials for a period of two year from the original date of purchase. IndeeLift, Inc. or IndeeLift SL. will, without charge, repair or replace at its option, any defective components, or the whole product if necessary. Shipping charges may apply. If a total replacement is necessary, IndeeLift, Inc. or IndeeLift SL., may upon its discretion provide the latest model, which meets or exceeds the specifications of the product to be replaced.

## **Exclusions:**

This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs. IndeeLift, Inc. and IndeeLift SL. reserves the right to make changes in design or make additions or improvements to this product without any obligation to install the same on products previously manufactured.

IndeeLift, Inc. and IndeeLift SL. shall not be liable for any consequential damages including, without limitations, damages resulting from loss of use. Some states do not allow limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The warranty gives you specific rights and you may have other rights, which vary from state to state.

# PPU User Manual

## Specifications

### Physical Specifications:

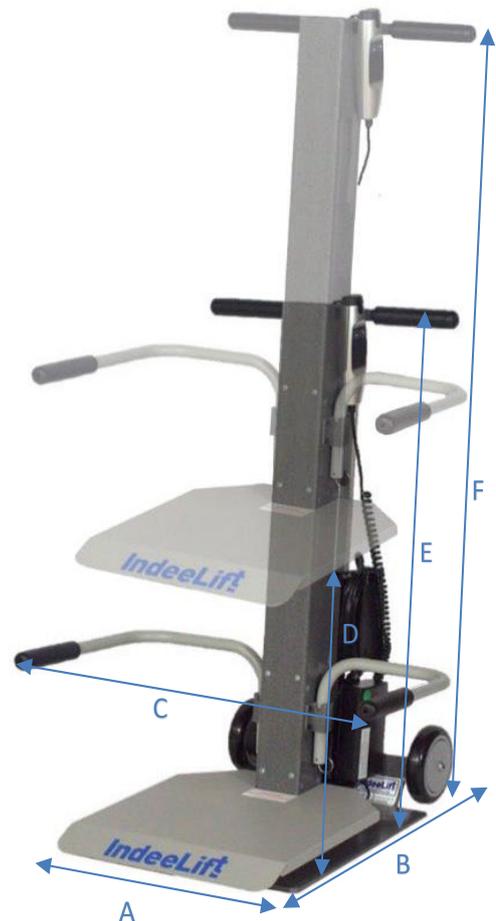
Safe Working Load .....300 lbs. / 150 kg  
Wheels .....5 inches /12.5 cm  
Unit Weight .....63 lbs. / 28.5 kg

Shipping box weight.....75 lbs. / 34 kg  
Shipping box dimensions..... 35.63 x 18.11 x 23.6 inches / 905 x 460 x 600 mm

### Electrical Specifications:

110-240 VAC 50-60 Hz  
Operating environment: >+5°C <+40°C

	Inches	Cm
A	15	38
B	21	53
C	22	57
D	21	53
E	31	80
F	50	127



# PPU User Manual

## Using the Belt Assembly:

The belt assembly includes two straps; the longer strap has a seatbelt style *buckle* with a snap hook at the end, the shorter strap has a seatbelt style *clasp* with a snap hook at the end. Each of the two straps form a single belt assembly.



Belt Assembly

NOTE: The belt assembly can be used as either a chest belt or a waist belt.

In use, the belt assembly is secured to either the PPU's upper and/or lower anchor points, (located on the PPU's main column), using snap hooks at the end of each belt assembly. The belt assembly and upper anchor points can be used as a chest belt, or attached to the lower anchor points to be used as a waist belt.

It can also be placed diagonally across the body, with one end attached to the upper anchor point and one end attached to the lower anchor point. When not in use, the belt assembly is rolled-up and placed in the column-mounted storage bag.



Upper Anchor Points



Lower Anchor Points



Using the Snap Hooks to Attach the Belt Assembly



Belt in Storage Bag

Once the fallen individual is securely buckled to the lift using the belt assembly, pull on the buckle's strap to ensure the belt is snug and secure *before* pressing the up button on the wired remote. As the seated person is being lifted, have them gradually move their legs inward, then ensure their feet are properly positioned *before* they stand up from the PPU's seat, (as they would from any chair).



**IndeeLift, S.L.**  
C/ Doctor Trueta, 49, 3-1  
08005 Barcelona, SPAIN

## EU Declaration of Conformity

We state under our own liability that machinery:

The Human Floor Lift

Brand

IndeeLift

Type

PPU

Serial numbers

from 1PPU8MOYR000000  
to 1PPU8MOYR999999

Is in compliance with the following standards:

UNE-EN IEC 61000-6-1:2019 Electromagnetic compatibility (EMC) -- Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments.

UNE-EN 61000-6-3:2007 + A1:2012 Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments.

UNE-EN 60204-1:2019; "Safety of machinery - Electrical equipment of machines - Part 1: General requirements"

FCC 47 CFR Part 15 Subpart B Radio Frequency Devices (Unintentional Radiators).

ICES-003 Issue 7 — Information Technology Equipment (Including Digital Apparatus) — Limits and Methods of Measurement.

And meets all requirements of Directive:

2006/42/EC: Machinery Directive

Name, surname and position of the person who has been authorized to elaborate the Technical File and sign this declaration:

Esther Martínez Saladié, CEO

Place and date

Signature

Barcelona 22 December 2022

**This Page Is Intentionally Left Blank**



For more sales and technical information refer to:

<https://IndeeLift.com>

or scan the bar code:



Refer to training videos about the entire IndeeLift family of products:

<https://www.youtube.com/channel/UCdB26WPI3wVYWKaagNyG4bw/videos>

