

# Installation and Operation Instructions

## GoLift Ultra



# Contents

<b>Introduction</b>	<b>4</b>
Intended Purpose	4
Description	4
Symbols Used in this Manual	5
Markings	5
<b>Safety Instructions</b>	<b>6</b>
<b>Technical Specifications</b>	<b>7</b>
<b>Installation</b>	<b>8</b>
Unpacking & Preparation	8
Contents of the Box	8
Working with the GoLift Ultra	8
Installing the Carry Bar Before Use	8
Using the Lifting Sling	9
<b>Description of Functions</b>	<b>11</b>
LED and Buzzer Functions	11
Waking Up a Lift After Charging	11
Other Errors	12
Operation	13
Configurations	16
Safety Functions	16
Charging/Connection	19
<b>Accessories</b>	<b>20</b>
Slings	20
2-Hook Carry Bar	21
4-Point Carry Bar	23
Trollies	24
Extension Strap	25
Turntable	26
End Stops	27
Gate	28
Batteries	29
Power Supply	30
<b>Environmental Conditions</b>	<b>30</b>

# Contents

<b>Maintenance &amp; Storage</b>	<b>31</b>
Cleaning & Disinfection	31
Storage	31
References on the Package	31
Inspection & Maintenance	32
Disposal	32
<b>Service &amp; Lifetime</b>	<b>33</b>
Lifetime	33
Replacement of Components	33
Quick Set up	33
<b>Troubleshooting</b>	<b>34</b>
<b>Warranty Policy - Mobility Solutions</b>	<b>39</b>

# Introduction

## INTENDED PURPOSE

A patient lift is a medical device intended to safely lift and transfer patients with limited mobility. It is designed to assist caregivers in moving a patient between various positions or surfaces with minimal physical effort.

The ceiling lift device helps reduce the risk of injury to both the caregiver and patient during a transfer, supports patient comfort and dignity, and may also be used in rehabilitation or mobility training.

It is intended for use in a clinical, institutional, and home care environments under the supervision of trained caregivers.

## DESCRIPTION

The Amico GoLift Ultra is a fixed ceiling-mounted patient lift system designed to provide safe, efficient, and routine patient transfers across various healthcare environments. Compact in design, it is the smallest ceiling lift in its class and is engineered to be aesthetically pleasing for both caregivers and patients. To support infection control protocols, the GoLift Ultra, its carry bar, and its hand control are designed with smooth edges and rounded corners to reduce the accumulation of dust, dirt, and bacteria, allowing for easier cleaning and maintenance.

Despite its compact size, the GoLift Ultra is equipped with a set of durable all-metal gears and state-of-the-art battery technology, ensuring reliable operation and long-lasting performance. This system allows caregivers to safely and effortlessly lift and transfer patients weighing up to 700 lbs with a single unit.

The GoLift Ultra is further enhanced by Amico's revolutionary trolley design, which enables quick and secure installation or removal of the lift from the track while providing an instant mechanical and electrical connection. Amico's modular track system adds another layer of versatility, offering a high degree of flexibility and customization to optimize the layout of the workspace according to the specific needs of the healthcare facility.

The GoLift Ultra is available in two weight capacities, which must not be exceeded

- 450 lbs (204 kg)
- 700 lbs (318 kg)

Amico's retrofit trolley system allows the GoLift Ultra to be installed on a wide range of track profiles. The trolley can be customized to fit specific track configurations and is fully compatible with the Amico GoLift Pendant (PLP) system, ensuring seamless integration and reliable operation.



# Introduction

## SYMBOLS USED IN THIS MANUAL

Symbol	Reference	Title
	ISO 7000-0434A	Caution Risk of Danger
	MET	Certified by MET
	IEC 60417-5840	Type B Applied Part
	CE	Certification of Conformity
	ISO 7010-M002	Refer to Instruction Manual/Booklet
	Amico Mobility	Emergency Lowering
	Amico Mobility	Emergency Stop

**WARNING:** This symbol is intended to alert the user of hazard or unsafe practices, which could result in serious bodily harm.

## MARKINGS

The GoLift Ultra 450 and GoLift Ultra 700 are designed to comply with the following set of standards:

<b>Standard(s):</b>	CAN/CSA-C22.2 No. 60601-1:08 Medical Electrical Equipment - Part 1: General requirements for basic safety and essential performance. ISO10535:2021 Hoists for the transfer of disabled persons - Requirements and Test Methods
<b>Product:</b>	Amico GoLift Ultra
<b>Brand Name:</b>	GoLift Ultra
<b>Models:</b>	450 lbs and 700 lbs



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# Safety Instructions



**IMPORTANT:** Read the following instructions carefully. Failure to do so may result in serious injury.

- The Amico GoLift Ultra must be installed only by personnel authorized by Amico Mobility Solutions Corporation.
- Do not use this medical device prior to understanding the contents of this manual.
- Contents of this manual are subject to change without prior notice to the users. Keep for future reference.
- Never place the Amico GoLift Ultra, track/PLP and slings in the control of a person who has not been properly trained in the use and care of the device.
- The Amico GoLift Ultra and its associated track/PLP sling(s) are intended for patient transfers only. Do not use the GoLift Ultra for any other purposes.
- Amico Mobility Solutions Corporation's Warranty is void if any unauthorized personnel perform service on the Amico GoLift Ultra system.
- In facilities where multiple caregivers are responsible for using the GoLift Ultra and its associated tracks, accessories and slings, it is important that all caregivers be trained in the proper use of the equipment. A training program should be established by the facility to familiarize new caregivers with the GoLift Ultra.
- Do not expose the Amico GoLift Ultra directly to water. Warranty does not cover any misuse or abuse of the GoLift Ultra.
- The Amico GoLift Ultra should be inspected and maintained on a regular basis to keep it operating safely and correctly. Refer to the Inspection and Maintenance section of this manual.
- Any accessories used with the Amico GoLift Ultra, including the track/PLP and slings, should be checked to ensure they are in good working order. Check for signs of wear or fraying prior to use. Report any unusual wear or damage immediately.
- Amico Mobility Solutions Corporation will not be responsible for any damage caused by misuse, neglect or purposeful destruction of the lift and its associated components. Do not attempt to modify/alter the Amico GoLift Ultra.
- Do not, under any circumstance, exceed the maximum allowable load of this lift. Refer to the Technical Specifications section of this manual and/or the labels on the lifts.
- The installation of the GoLift Ultra, track and slings are certified to a maximum load. Do not exceed the maximum rated load of any of the components.
- There is a risk of explosion if the lift is used in the presence of flammable anesthetics.
- The Amico GoLift Ultra should be decommissioned/disposed of after the recommended service life in accordance with local law regulations.



**NOTE:** There are no known contra-indications associated with the use of the Amico GoLift Ultra and its accessories, provided they are used per our recommendations and guidelines.

For any independent uses of the Amico GoLift Ultra, it is extremely important that the patient is able to receive assistance, during the transfer in the event of an equipment failure. This assistance can be provided in the form of; a nearby qualified caregiver, a phone or other communication devices.

# Technical Specifications



## Maximum Lifting Speed

No Load:	2.0 inches/second
GoLift Ultra450:	1.3 inch/second
GoLift Ultra700:	1.3 inch/second

## Unit Weight

GoLift Ultra450:	14 lbs (6.3 kg)
GoLift Ultra700:	14 lbs (6.3 kg)

## Safe Working Load (SWL)

GoLift Ultra450:	450 lbs (204 kg)
GoLift Ultra700:	700 lbs (318 kg)

## Dimensions

GoLift Ultra450 / GoLift Ultra700:

- Length: 8.9" (226.06 mm)
- Width: 8.9" (226.06 mm)
- Height: 6.3" (160.02 mm)
- Strap Length: 84" (2133.6 mm)

## Number of Lifts Per Charge (Duty: 10/90)

25% of Strap at Midrange:

- 90 with 200lbs (91kg)
- 40 with 450lbs (204kg)
- 50 with 700lbs (318kg)

## Charging Time

2 - 4 hours

## Lift Case

Flame Retardant ABS

## Batteries

High Capacity, Nickel Metal Hydride (NiMH)  
Standard: 2x 14.4V (3.3Ah)  
*With Over-Temperature and Over-Charge Protection*

## Power Supply

Input: 100 - 240 VAC  
Output: 36 VDC, 1.0A, 40W

## Hand Control with LCD Display (240x282 pixels)

Protection Class: IP67

## Maximum Sound Level

<55 dB

## Integrated Scale (If Equipped)

Accuracy Level:  $\pm 0.1\%$  of the reading

## Expected Service Life

10 years or 22,500 cycles

## Safety Features

Emergency Stop & Lowering Device  
Upper and Lower Limit Detection  
Slack Tape Sensor  
Free Fall Brake (Overspeed Governor)  
Low Battery and Dead Battery Alarms  
Soft Start and Soft Stop  
Overload Protection  
Emergency Manual Lowering

## Diagnostic/Usage Information

Number of Lifts:

- Total Number of Lifts
- Number of Heavy Lifts

Charging Statistics:

- Total Number of Charge Cycles

User Weight (If equipped)

Recent Faults

## Approvals

Certified to: CAN/CSA-C22.2  
No 60601-1:08  
UL 60601-1:08

Tested to: ISO 10535-21, CE

# Installation


## UNPACKING & PREPARATION

Upon receipt of the shipment, carefully verify the contents against the accompanying packing slip to ensure that the delivery is complete. Inspect all equipment immediately for any signs of damage that may have occurred during transit.

If any damage is identified, DO NOT USE the equipment and notify the carrier immediately to file a claim. When submitting a claim or reporting a shipping error, provide Amico Mobility Solutions Corporation with complete details, including all equipment identification numbers and a clear description of the damaged or missing parts.

## CONTENTS OF THE BOX

1. Amico GoLift Ultra
2. Wired Hand Control with Digital Display
3. Power Supply
4. Quick Reference Guide
5. GoLift Trolley
6. Label for Track


 **NOTE:** The Carry Bar is packed separately

## WORKING WITH THE GOLIFT ULTRA

The Amico GoLift Ultra moves freely within the track system and does not require any additional space or external power for movement. This allows the caregiver to focus entirely on the caregiver's functional level and proper lifting technique, rather than on operating the equipment.

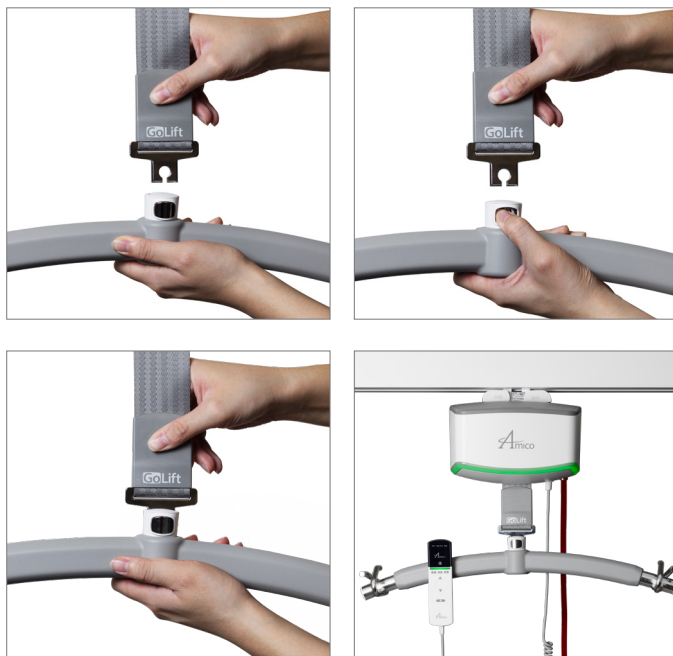
For safe use of the GoLift Ultra, the patient should only be lifted high enough to clear the surface beneath them. Once lifted, the patient should remain at this height during transfer.

## INSTALLING THE CARRY BAR BEFORE USE

 **WARNING:** Amico shall not be held liable for any faults, malfunctions, or accidents that may occur as a result of using carry bars manufactured by other companies. Only Amico-manufactured carry bars are tested and approved for use with the GoLift Ultra system to ensure safe and reliable operation.

The carry bar can be installed to the lifting strap without the use of any tools. Refer to the following steps to attach the carry bar to the lifting strap. The steps can be followed in reverse to detach the carry bar.

1. Hold the carry bar directly beneath the strap hook as shown, and press the release button with your thumbs.
2. Insert the strap hook into the slot located on top of the carry bar, then release the button.
3. Verify that the carry bar is securely attached to the lifting strap by pressing the button while the carry bar is suspended from the strap. The button should not compress due to the gravity lock mechanism.
4. Check that the button has returned to its locked position by confirming it sits flush with the carry bar cover and the strap attachment rotates freely.



# Installation

## USING THE LIFTING SLING

A sling with four to six straps designed for mounting on hooks should be used with the Amico GoLift Ultra.

**WARNING:** Amico Mobility shall not be liable for faults, malfunctions, or accidents that may occur due to incorrect use of the lifting sling, or for reasons of inadequate attention on the part of the caregiver or patient. Amico Mobility shall also not be liable for faults or accidents that may occur as a result of using lifting slings made by other manufacturers.

Place the straps from the lifting sling on the hooks of the Carry Bar. Start with the uppermost set of straps (from the back) then take the lowest set of straps (from the legs).

**CAUTION:** Be careful when attaching the lifting sling on the hooks. Check that the straps have gone completely through the opening and into place in the Carry Bar hooks. When pressing the up button to lift the patient, check again that all straps remain correctly placed in the carry bar hooks.

### From a Seated Position



1. Place the sling on the patient's shoulders and/or the wheelchair's backrest.



4. Secure the legs by placing the leg straps through the inside leg loops in the desired configuration.



2. Have the patient lean forward and slide sling down patient's back until the sling is under the patient's buttocks.



5. Attach appropriate leg and back straps to carry bar for desired inclination.



3. Pull the leg supports forward gently until slings bottom is beneath the thighs.



6. Raise the carry bar by pressing UP on the hand control. Check to ensure all straps are securely attached to the carry bar.

# Installation

## From a Laying Position



1. Roll the patient towards you. Place the sling lengthwise behind the patient. Fold half of the slings material against the patient's back and thighs.



4. Attach slings leg strap and shoulder straps to carry bar for the desired inclination. See instructions for various inclination positions.



2. Turn the patient onto the opposite side and pull the sling through until it is fully extended and correctly positioned beneath the patient's back.




5. Raise the carry bar by pressing the UP button on the hand control. Check to ensure that all straps are securely attached to the carry bar.




3. Position slings leg straps through the inside loops in the desired leg band configurations. Gently lift the leg straps by hand, to test that the leg-band configurations are secure and do not pinch the thighs or groin area.



6. When lifting, ensure that the leg straps lie flat under the thighs. Move the patient to the desired area.

 **WARNING:** Only personnel who have received proper training and instruction in the use of lifting equipment and the fitting of slings are permitted to operate the Amico GoLift Ultra.

 **IMPORTANT:** It is important to plan all transfers in advance to ensure patient safety and to avoid leaving the patient unattended in the sling. Before lifting, verify that the patient is completely free of surrounding obstacles. Ensure that the patient's head, arms, hands, and feet are not at risk of becoming trapped. Take extra care with any medical tubes or wires attached to the patient, ensuring they remain free and unobstructed during the lift. Confirm that the hand control and hand control cable are clear of the Carry Bar, patient, and any other objects before activating upward or downward movement.

# Description of Functions

## LED AND BUZZER FUNCTIONS

The GoLift Ultra is equipped with an LED bar on the hand control and a ring LED on the casing of the lift itself. In addition to the LED indicators, the hand control of the GoLift Ultra also displays the battery state at the top right-hand corner of the display.



## WAKING UP A LIFT AFTER CHARGING

When the GoLift Ultra wakes up from the sleep/inactive state, a sequence of three LED statuses will be shown before the lift goes back to sleep. The LED indication will differ when waking up the GoLift Ultra from sleep while the lift is on charge and while the lift is on battery power (off charge). Refer to the two tables below for the three LED color sequences.

LED Status While the Lift is on Battery Power		
	LED Color	Beeping
Wake	<b>GREEN</b> for 10 seconds	None
In Use or Idle	Full Charge: Continuous Solid <b>GREEN</b> for 1 minute	None
	Low Battery Level: Blinking <b>AMBER</b> 1x/s for 1 minute	None
	Critical Battery Level: Continuous Solid <b>RED</b> for 1 minute	1x/3s
Sleep (if inactive)	Off	N/A

**Status 1:** The first LED status will always show **GREEN** when the GoLift Ultra wakes up from sleep for 4 seconds.

**Status 2:** The second LED status will change to either RED, AMBER or **GREEN** depending on the battery level of the lift:

- a. Remain **GREEN** for 1 minute if the battery level is sufficient.
- b. Change to **AMBER** after 9 seconds, for 1 minute if the battery level is low.
- c. Change to **RED** after 9 seconds, for 1 minute if the battery level is at a critical state.

The above states will remain until the GoLift Ultra goes to the sleep state after one minute of inactivity.

# Description of Functions

LED Status While the Lift is Charging		
	LED Color	Beeping
Wake	Solid <b>GREEN</b> for 4 seconds	None
Charging	Solid <b>AMBER</b> for 4 seconds	None
In Use or Idle	Solid <b>GREEN</b> for 3 minutes	None
	Solid <b>AMBER</b> for 3 minutes	None
Sleep (if inactive)	Off	N/A

**Status 1:** The first LED status will always show **GREEN** when the GoLift Ultra wakes up from sleep for 4 seconds.

**Status 2:** The second LED status will change to **AMBER** for 4 seconds to confirm that the GoLift Ultra is currently on charge.

**Status 3:** The third LED status will:

- Remain **AMBER** for 3 minutes if the GoLift Ultra is still charging, before the lift goes back to sleep after inactivity.
- Change to **GREEN** for 3 minutes to indicate the GoLift Ultra is fully charged before the lift goes back to sleep after inactivity.

## OTHER ERRORS

The GoLift Ultra features various error codes that informs the user of any conditions or faults the lift is experiencing. It is shown as both a visual LED and audible beeping, along with a message on the hand control display. Please see the list below for all the error codes.

Error Codes				
Error	LED and Beep Sequence	Expected Behavior		
		Up	Down	Emergency Lowering
Lift Attachment Error	Blinking RED 1x/s, Continuous Beep		✓	✓
Battery Not Plugged In	Blinking RED 3x/s, 1s off Beeping 1x/5s		✓	✓
Over Capacity Error	Blinking RED 2x/s Continuous Beep		✓	✓
Over Temperature Error	Blinking RED 2x/s Beeping 1x/5s		✓	✓
Brake End of Life	Blinking RED 4x/s, 1s off Beeping 1x/5s		✓	✓
Hand Control Communication Error	Continuous RED No Beeping			✓
Maintenance Alarm	Blinking Green 2x/s	✓	✓	✓

### Maintenance alarm:

If the lift has gone 1 year passed its Manufacturing date, or the lift has performed 1001 lifts (whichever comes first), both the hand control and the lift LED will blink GREEN. This alarm can be reset in the Set Up/Service Menu.

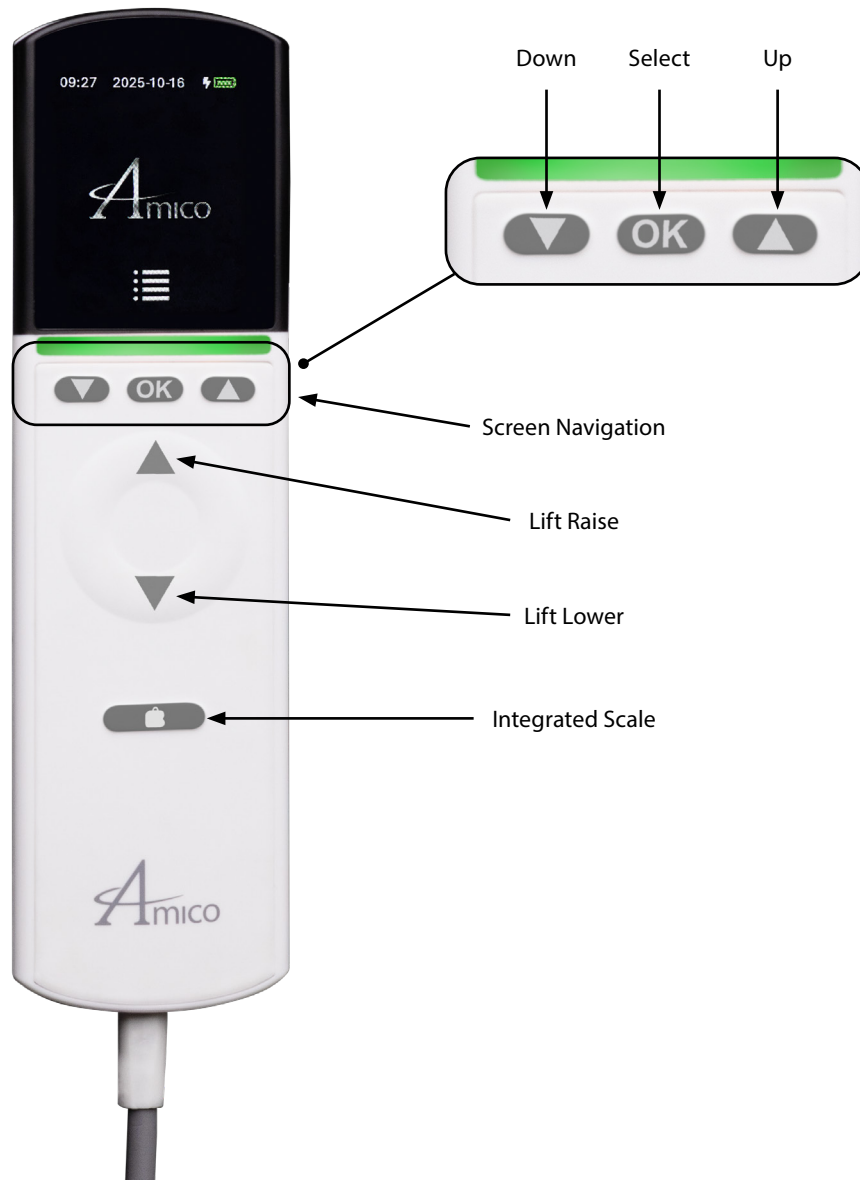
**NOTE:** The reset function for the maintenance alarm can be performed at any time and is not limited to occurring after the 1000th lift.

# Description of Functions

## OPERATION

### Hand Control

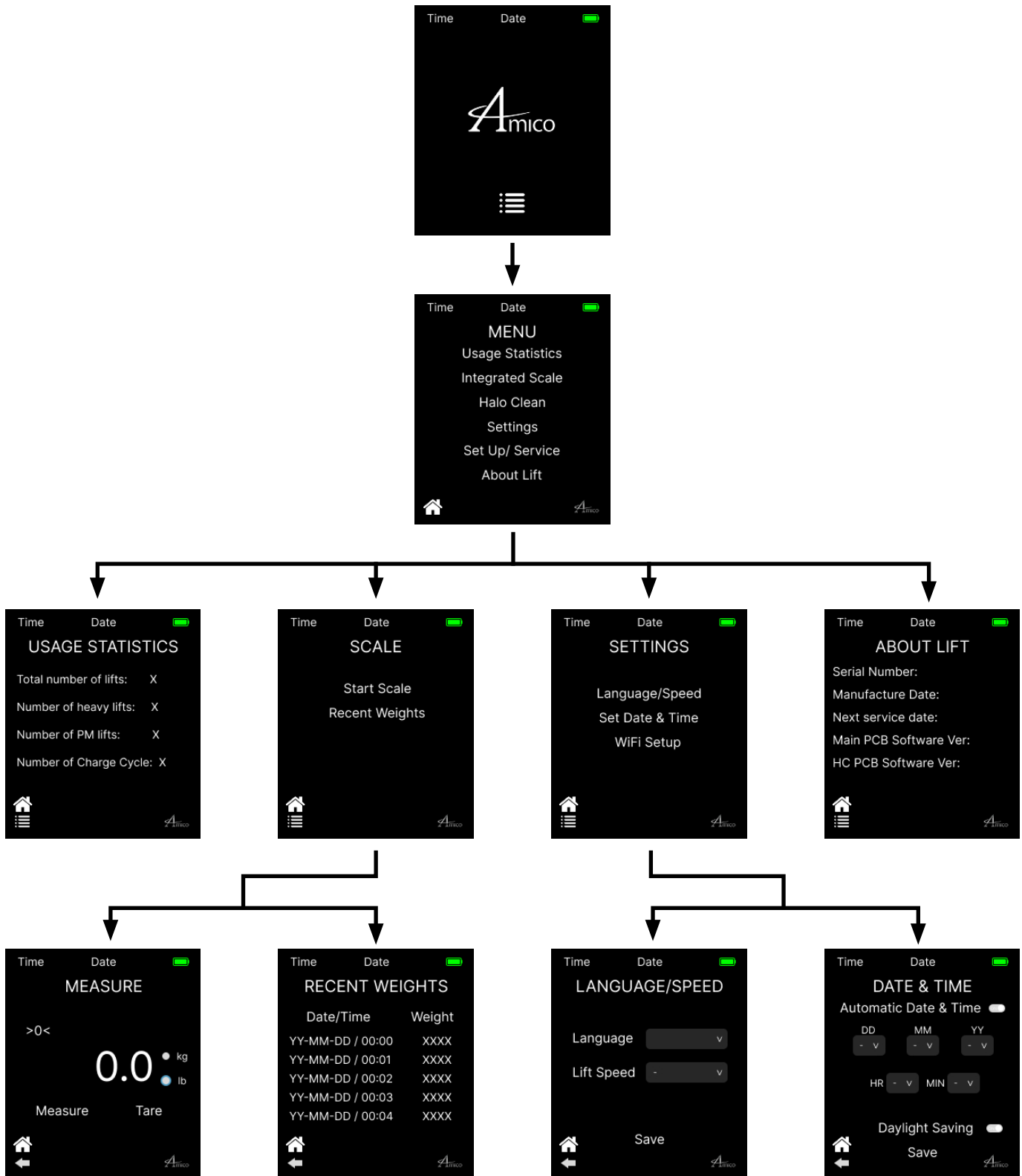
The GoLift Ultra powers on automatically when any button on the hand control is pressed. After approximately three minutes of inactivity, the lift will enter sleep mode to conserve power. Refer to the LED and Buzzer Functions section for additional details regarding LED indicators and status sequences.



# Description of Functions

## Menu Structure

A series of handset menu screens are provided in the images below. Upon initial activation of the GoLift Ultra, the HOME screen is displayed, showing the Amico logo. Pressing the OK button on the hand control will navigate the user to the MENU screen.



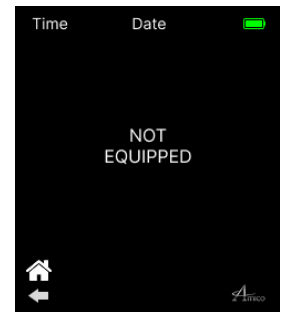
# Description of Functions

To navigate through the MENU screen, pressing either the ▲ or ▼ button.

The MENU screen provides access to the following functions on the GoLift Ultra:

- **Usage Statistic:** Displays operational data, including the number of lifts performed (heavy lifts, PM lifts) and charging cycles
- **Integrated Scale:** Provides access to GoLift Ultra's Integrated Scale feature (if equipped)
- **Halo Clean:** Enables operation of the integrated UVC strap disinfection system (if equipped)
- **Settings:** Allows configuration of system parameters such as date and time.
- **About Lift:** Displays general information about the lift (serial number, manufacturing date, lift firmware versions)

For functions that are not equipped on the GoLift Ultra, selecting either the Integrated Scale or Halo Clean functions will navigate the user to a NOT EQUIPPED Screen.



## Optional Feature: Scale Module

The Integrated Scale Module is an additional configuration of the GoLift Ultra that features an integrated weight measurement device to measure the patient's weight. The Integrated Scale module can be accessed through the handset display by either navigating to the Integrated Scale menu selection or the dedicated Integrated Scale button located at the bottom of the hand control.

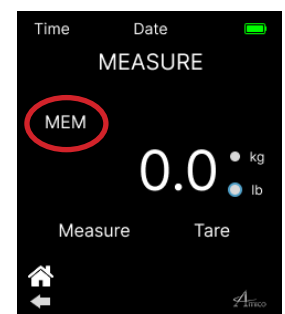
The Integrated Scale Module of the GoLift Ultra features the following:

- **On-screen unit conversion:** Located on the Integrated Scale interface itself, is the ability to convert the units of measurement directly without the need to navigate out of the Integrated Scale
- **Memory Function:** Once the lift is loaded and stabilized, the GoLift Ultra will freeze the measured weight value and allow the caregiver to note down the weight. The measured weight will remain even if the lift goes to sleep allowing it to retain the measured value.
- **Tare Function:** Allows the GoLift Ultra to zero out the weight of whatever is already on the lift, to display a zero to only account for the required weight.
- **Recent Weights:** A list of the recent 5 measured weight values with the date and time it was measured.

There are two special icons that will appear on the top left side of the load value as shown:

- The ">0<" icon shows that the scale is zeroed/tared
- The "MEM" icon shows that the load has stabilized and the measured weight value has been retained.

**NOTE:** Any weight measurement below 30lbs will not be recorded on the Recent Weights menu page.



# Description of Functions

## CONFIGURATIONS

Part Number XXX = 450/700	Trolley Connection		Strap Connection		Additional Features				
	Fixed Trolley	Quick Connect	Loop Strap	Quick Connect	Extension Strap	Handset Charge	Power Traverse	Integrated Scale	Halo Clean
GLU-XXX		✓		✓					
GLU-FT-XXX	✓			✓					
GLU-FT-XXX-IS	✓			✓				✓	

Additional configurations will be introduced progressively following the product launch.

## SAFETY FUNCTIONS

### Emergency Stop

The GoLift Ultra is equipped with an Emergency Stop/Shut-off feature that allows the user to shut-off power to the lift completely, in the event of an emergency. When pulling down on the RED emergency lowering cord, the lift will immediately stop and all its functions will be disabled. The ON indicator light will turn off, and the Emergency Shut-off tab, located inside the lift, will pop out.



Lift is in the ON State



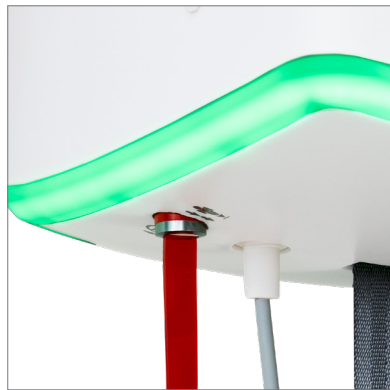
Lift is in the OFF/Emergency Stop State

**WARNING:** The emergency lowering cord is intended for use in emergencies only. After an emergency, the lift must be inspected prior to restoring to use. For assistance after an emergency, please contact AMO service at [amo-service@amico.com](mailto:amo-service@amico.com) or 1-877-462-6426.

# Description of Functions

## Emergency Lowering

In the event that the DOWN button on the hand control fails or during a power failure, the patient can be safely lowered using the RED emergency lowering cord located on the underside of the lift.



Lift is in the OFF/Emergency Stop State



Lift is in the Emergency Lowering state

To operate:

1. Pull and hold down the RED emergency lowering cord
2. Continue pulling until the patient has been safely lowered to the desired position. The lift will emit a beeping sound while the cord is being pulled.
3. Release the cord once the lowering is complete.

**WARNING:** This feature is intended for emergency use only and must not be used for routine patient lowering.

**NOTE:** The emergency lowering feature only provides a lowering function. It does not provide a raising capability. Any failure of the lowering devices must be reported to Amico Mobility Solutions immediately.

**WARNING:** If the normal lowering system of the lift malfunctions, the lift must be inspected and serviced by a qualified technician before it is put back into use.

## Manual Emergency Lowering

The manual emergency lowering and raising feature should only be used if all other controls fail. A proper safety ladder or stool may be required to remove the plug from the cover. Remove the round plug from the lift cover and use a 3/32" or 2.5mm Hex Allen key to rotate the motor in the up or down direction.




**CAUTION:** DO NOT attempt to use the lift while using the manual lowering feature.

# Description of Functions

## Upper & Lower Limit Detection

The upper and lower limit detection is a critical safety feature that stops the lifting motion when the lifting strap reaches its maximum height or lowest safe point of travel. It protects the patient from unsafe over-travel and sudden movement.


 **WARNING:** Do not attempt to physically bypass or disable the upper and lower limit detection system. Doing so may result in patient injury and/or damage to the lift.

## Slack Tape Sensor

The slack tape sensor activates during downward movement when slack is detected on the lift strap. This condition may occur when the lift has reached its lowest point or when there is no weight applied to the lift. Upon activation, the sensor automatically stops the motors to ensure safe operation of the system.

## Overspeed Cam

The Overspeed Cam is a built-in safety feature designed to protect the patient in the event of gear or motor breakage. It consists of a metal bar fixed to the hub gear of the GoLift Ultra. In the unlikely event of a free-fall condition, the centrifugal force generated causes the bar to lock against the lift frame. This immediately stops the downward movement of the lift, preventing uncontrolled descent and ensuring patient safety.

 **WARNING:** If the Overspeed Cam has been engaged, the GoLift Ultra must be inspected by a qualified technician before re-use.

## Overload Protection

The GoLift Ultra is equipped with an overload protection that protects the lift from lifting past its maximum rated capacity. It also protects both the patient and caregiver to prevent the lift from lifting in unsafe conditions.

## Active Error Detection

The GoLift Ultra is equipped with an active error detection system that automatically responds to any errors encountered during operation. In the event of an error, the hand control display will immediately return to the home screen, and a pop-up message box will appear listing all active errors. Please refer to the "Other Errors" section for a list of all the error codes and messages.

# Description of Functions

## CHARGING/CONNECTION

The trolley of the GoLift Ultra is equipped with two metal charging contacts that connect directly with the stainless-steel charging strips located inside the track. When power is supplied to the charging strips, the GoLift Ultra will automatically begin charging through this metal-to-metal contact.



To maximize battery life, the GoLift Ultra should remain on charge whenever it is not in use, including at the end of each day. The charger features a built-in regulator, allowing the lift to stay connected to power indefinitely without the risk of overcharging.

For safety and convenience, it is recommended to raise the carry bar to a height that prevents interference with objects or people when the lift is not in operation.

### **WARNING:**




- Do not allow the batteries to drain excessively, as this will significantly reduce their lifespan.
- If the battery level becomes critically low (refer to the LED and Buzzer Functions section), recharge immediately.

### **CAUTION:**

- If the GoLift Ultra will not be used for extended periods, fully charge the batteries and disconnect them from the lift before storage.
- Recharge the batteries every 3 months during storage to maintain battery performance and longevity.

# Accessories

## SLINGS

Slings	Materials	S	M	L	XL
	Polyester (With Head Support)	<b>SLG-GO-BASIC-WV-HS-S</b> Height: 29" (73.6 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	<b>SLG-GO-BASIC-WV-HS-M</b> Height: 30" (76.2 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	<b>SLG-GO-BASIC-WV-HS-L</b> Height: 31" (78.7 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	<b>SLG-GO-BASIC-WV-HS-XL</b> Height: 32" (81.2 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
	Mesh (With Head Support)	<b>SLG-GO-BASIC-MSH-HS-S</b> Height: 29" (73.6 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	<b>SLG-GO-BASIC-MSH-HS-M</b> Height: 30" (76.2 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	<b>SLG-GO-BASIC-MSH-HS-L</b> Height: 31" (78.7 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	<b>SLG-GO-BASIC-MSH-HS-XL</b> Height: 32" (81.2 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
	Polyester (No Head Support)	<b>SLG-GO-BASIC-WV-S</b> Height: 21" (53.3 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	<b>SLG-GO-BASIC-WV-M</b> Height: 22" (55.9 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	<b>SLG-GO-BASIC-WV-L</b> Height: 23" (58.4 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	<b>SLG-GO-BASIC-WV-XL</b> Height: 24" (31 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
	Mesh (No Head Support)	<b>SLG-GO-BASIC-MSH-S</b> Height: 21" (53.3 cm) Shoulder: 20" (50.8 cm) Hip: 16" (40.6 cm)	<b>SLG-GO-BASIC-MSH-M</b> Height: 22" (55.9 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	<b>SLG-GO-BASIC-MSH-L</b> Height: 23" (58.4 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	<b>SLG-GO-BASIC-MSH-XL</b> Height: 24" (31 cm) Shoulder: 32" (81.2 cm) Hip: 28" (71.1 cm)
	Polyester	<b>SLG-GO-LONG-WV-42X78</b> 42" x 78" (106.6 cm x 198.1 cm)		<b>SLG-GO-LONG-WV-56X78</b> 56" x 78" (142.2 cm x 198.1 cm)	
	Mesh	<b>SLG-GO-LONG-MSH-42X78</b> 42" x 78" (106.6 cm x 198.1 cm)		<b>SLG-GO-LONG-MSH-56X78</b> 56" x 78" (142.2 cm x 198.1 cm)	
	Polyester	<b>SLG-GO-HYGIENE-WV-S</b> Chest: 32" (81.2 cm)	<b>SLG-GO-HYGIENE-WV-M</b> Chest: 36" (91.4 cm)	<b>SLG-GO-HYGIENE-WV-L</b> Chest: 40" (101.6 cm)	<b>SLG-GO-HYGIENE-WV-XL</b> Chest: 44" (111.7 cm)
	Polyester	<b>SLG-GO-COMFORT-WV-S</b> Height: 23" (58.4 cm) Shoulder: 24" (60.9 cm) Hip: 20" (50.8 cm)	<b>SLG-GO-COMFORT-WV-M</b> Height: 24" (60.9 cm) Shoulder: 26" (66 cm) Hip: 22" (55.9 cm)	<b>SLG-GO-COMFORT-WV-L</b> Height: 25" (63.5 cm) Shoulder: 28" (71.1 cm) Hip: 24" (60.9 cm)	<b>SLG-GO-COMFORT-WV-XL</b> Height: 26" (66 cm) Shoulder: 30" (76.2 cm) Hip: 26" (66 cm)
	Polyester	<b>SLG-GO-ACTIVE-S</b> Chest: 40" (101.6 cm)	<b>SLG-GO-ACTIVE-M</b> Chest: 44" (111.7 cm)	<b>SLG-GO-ACTIVE-L</b> Chest: 48" (121.9 cm)	<b>SLG-GO-ACTIVE-XL</b> Chest: 52" (132 cm)
	Polyester	<b>SLG-GO-RPS-KIT</b> 20" x 75" (51 cm x 190.5 cm)			
	Polyester	<b>SLG-GO-LIMB</b> 15" x 7" (38.1 cm x 17.8 cm)			
	Polyester	<b>SLG-GO-TURN</b> Width: 22" (55.9 cm)			
	Polyester	<b>SLG-DSP-AMPSPU-S</b> Height: 28" (71.1 cm) Hip: 15" (38.1 cm)	<b>SLG-DSP-AMPSPU-M</b> Height: 33" (83.8 cm) Hip: 18" (45.7 cm)	<b>SLG-DSP-AMPSPU-L</b> Height: 38" (96.5 cm) Hip: 22" (55.9 cm)	<b>SLG-DSP-AMPSPU-XL</b> Height: 43" (109.2 cm) Hip: 26" (66 cm)
	Polyester	<b>SLG-DSP-WALKSPU-S</b> Hip: 15" (38.1 cm)	<b>SLG-DSP-WALKSPU-M</b> Hip: 18" (45.7 cm)	<b>SLG-DSP-WALKSPU-L</b> Hip: 22" (55.9 cm)	<b>SLG-DSP-WALKSPU-XL</b> Hip: 26" (66 cm)

# Accessories

## 2-HOOK CARRY BAR

Amico's two-hook carry bar is a seamless lifting hanger that serves as the connection between the lift and the sling, supporting the patient during transfer. The carry bar is equipped with a total of four hooks, two on each side, providing greater adjustability of the sling loops to ensure the patient remains properly leveled during lifting. The body of the carry bar is constructed entirely from steel, offering both durability and convenience of securely mounting the magnetic hand control when not in use. For infection control, the carry bar is designed with minimal seams, reducing areas where contaminants may accumulate.

**NOTE:** Refer to the Cleaning & Disinfection Section for a detailed list of approved cleaning agents for wiping down the carry bar surfaces.

### Variations

The two-hook carry bar is available in two standard configurations: Quick Connect and Fixed.



The Quick Connect carry bar allows the bar to be attached and detached from the lift strap with the press of a button. The locking mechanism of the carry bar is equipped with a gravity lock system, which prevents accidental compression of the button when there is weight on the hook (including the weight of the carry bar itself). To detach the carry bar, raise the carry bar slightly to create slack in the strap, then press the button to release the connection.



# Accessories

The Fixed carry bar is compatible only with the GoLift Ultra variations equipped with a Loop Strap. The strap tapers into a 1-inch loop through which a pin is inserted to secure the carry bar. A key ring is then inserted through the end of the pin to prevent the pin from sliding out of place.



Both carry bar versions can be equipped with an optional locking mechanism featuring safety latches. These latches provide an additional layer of security by preventing sling loops from accidentally detaching from the carry bar hooks during operation.



## Part Number:

**CB-GO-LIFT-REG-2HK**

**Quick Connect Two Hook Carry Bar**

Compatible with GoLift Ultra systems with a hook at the end of the strap. Maximum capacity of 700lbs.

**CB-GO-LIFT-REG-2HK-L**

**Quick Connect Two Hook Carry Bar with Lock**

Compatible with GoLift Ultra systems with a hook at the end of the strap. Maximum capacity of 700lbs.

**CB-GO-LIFT-REG-2HK-FIX**

**Fixed Two Hook Carry Bar**

Compatible with GoLift Ultra systems with a loop at the end of the strap. Maximum capacity of 700lbs.

**CB-GO-LIFT-REG-2HK-FIX-L**

**Fixed Two Hook Carry Bar with Lock**

Compatible with GoLift Ultra systems with a loop at the end of the strap. Maximum capacity of 700lbs.

# Accessories

## 4-POINT CARRY BAR

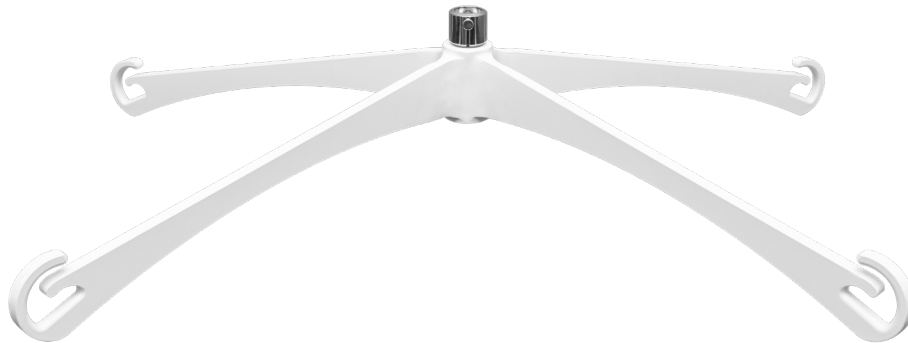
The four-point carry bar is a mounting bar positioned between the lift and sling to support the patient during transfer. The carry bar provides a total of four mounting hooks in an offset design, allowing for improved accommodation of various lifting positions and patient weight distributions. The body is constructed from steel, providing durability and enabling convenient mounting of the magnetic hand control when not in use. For infection control, the carry bar is designed with minimal seams to reduce areas where contaminants may accumulate.

**NOTE:** Refer to the Cleaning & Disinfection section for a detailed list of approved cleaners and procedures for wiping down the carry bar surfaces.

### Variations

The four-point carry bar is available in one standard configuration for the GoLift Ultra: Fixed.

The Fixed version of the four-point carry bar is only compatible with GoLift Ultra 450 and GoLift Ultra 700 with the loop strap. The strap tapers into a one-inch loop where a safety pin is inserted to secure the carry bar in place. A key ring is then inserted through the end of the pin to prevent it from sliding out of place.



### Part Number:

**CB-GO-LIFT-4PT-1HK-FIX-SWV**

**Fixed Four-Point Carry Bar**

Compatible with GoLift Ultra 450 and 700 loop strap systems. Maximum capacity of 700lbs.

# Accessories

## TROLLIES

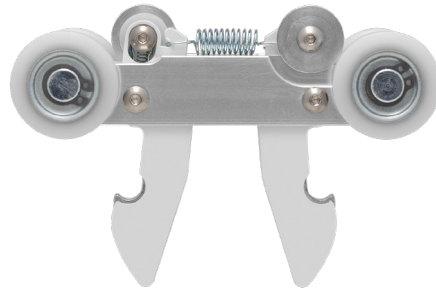
Amico provides a range of trolley options designed to accommodate various track configurations and layouts, depending on space and installation requirements. The trolleys serve as the mounting point for the Amico GoLift Ultra. Each trolley is equipped with free-turning wheels mounted on ball bearings, which support the combined weight of the lift and patient while ensuring smooth travel through the track system. Two spring-loaded contact wheels maintain continuous contact with the charging strips inside the track, enabling in-rail end stop charging or continuous charging. For ease of use, the trolley incorporates Amico's quick connect system, allowing the lift to be mounted or removed rapidly for efficient installation and servicing.

All trolleys are equipped with the following features:

- In-rail Continuous and End Stop Charging
- Compatible with any Amico track profile: Straight and Curved Tracks

### Quick Release Trolley

The Quick Release Trolley is Amico's standard trolley for continuous track systems.



### Part Number and Configurations:

**GO-LIFT-QR-TRLY-ASSY**

**700lbs Quick Release Trolley**

### Fixed Trolley

Alternatively, the GoLift Ultra is available with a Fixed Trolley configuration, in which the trolley is permanently integrated into the lift assembly and does not require a separate trolley attachment. It incorporates two spring-loaded contact wheels designed to maintain continuous electrical contact with the charging strips within the track. This design supports both end-stop charging and continuous in-rail charging configurations.

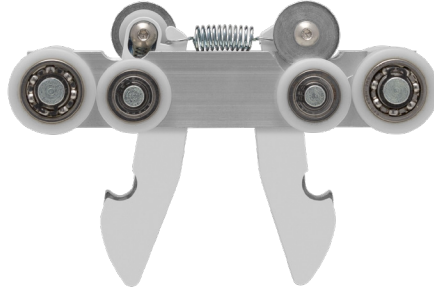
**NOTE:** To remove a GoLift Ultra equipped with a Fixed Trolley, the track end stop must be removed to allow the lift to be slid out of the track.



# Accessories

## Curtain Jumping Trolley

The Curtain Jumping Trolley is specifically designed for track systems with gaps of up to 15/16" (24mm), such as curtain rails or other interruptions in the track. It is equipped with four sets of wheels, which provide balanced support across gaps by maintaining a minimum of three points of contact at all times. The additional wheel set ensures a smoother transition over track connections and smaller interruptions commonly found in gantry or turntable systems. This design enhances system reliability and patient comfort by reducing jolts or interruptions when moving across track gaps.



### Part Number and Configurations:

**GO-LIFT-QR-TRLY-CJS-ASSY**

**700lbs Curtain Jumping Trolley**

## EXTENSION STRAP

The GoLift Ultra can be equipped with a strap exceeding its standard 84" that extends below the lift. The standard extension lengths are 1', 2' and 3', with custom lengths available upon request.

**NOTE:** The usable lifting length remains unchanged at 84" and the additional extended length cannot be spooled into the lift.



# Accessories

## TURNTABLE

The Turntable is an add-on feature to the track system that allows users to switch directions within a limited space. It allows the track system to branch out 90° (perpendicular) from the original track. It features an 8" rotating track that can be turned to switch between track orientations. The turntable has a turn angle of 90° with maximum limit detection and stops. The GoLift Ultra is currently only compatible with the Manual Amico Turntable.

### Specifications:

- Maximum rated capacity of 1000lbs
- 90° turn angle with maximum limit detection
- 10-year service life, no maintenance required.
- Operating voltage of 36 VDC (for Power Turntable Only)
- Adjustable Tension wheel (for Power Turntable Only)

### Manual Turntable

The Manual Turntable uses a rope cord to turn the rotating track to align with the desired track orientation.



### Part Number:

**TRK-TRN-TBL-M-4**

**Manual Turntable**

# Accessories

## END STOPS

Amico Regular End Stop is a critical safety component of a patient lift track system, designed to prevent the ceiling lift from rolling off the end of the track. Amico's End Stop is designed exclusively for Amico's Regular, Double and Triple Track rail systems. Each End Stop features a built-in rubber bumper that cushions the impact, protecting the Amico Quick Release Trolley from potential damage during contact. A safety pin is provided with every end stop to provide an additional layer of safety in the track system.



## Charging End Stop

The Amico Charging End Stop is equipped with the necessary components to transfer power from the external power supply to the metal charge strips within the track, enabling continuous charge to the GoLift Ultra system.

### Part Numbers:

**TRK-END-STP-REG-ASSY**

**Regular End Stop**

**TRK-END-STP-CHG-REG-ASSY**

**Charging End Stop**

# Accessories

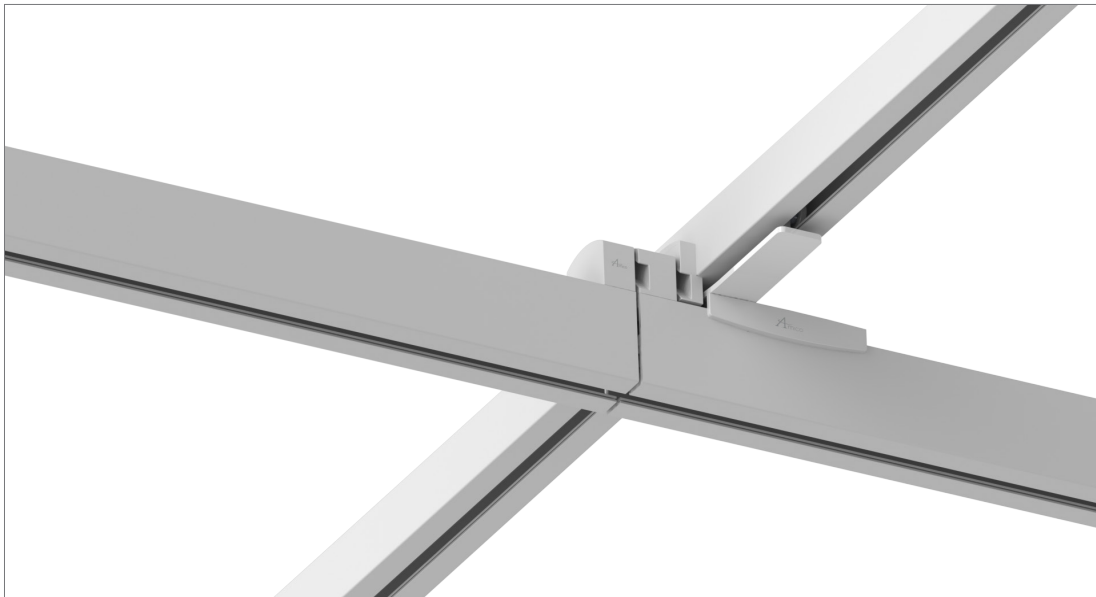
## **GATE**

The Gate is an additional track component designed for use with the gantry system to ensure safe alignment between the gantry's traverse track and the transfer rail. It incorporates a drop-down pin mechanism that automatically drops down when the traverse track is moved out of alignment, preventing unintended transfers. When the traverse track is realigned with the transfer rail, the pin is raised, allowing smooth and controlled operation. For added safety and ease of use, the Gate also features a magnetic alignment system that securely holds the traverse track in place during transfers. This ensures that patient movement between tracks is both safe and efficient.

**NOTE:** Please ensure the correct gate configuration is ordered. The configuration required is dependent on the transfer rail type, traverse track type and the type of install (standard or recessed track installation).

### **Standard Track Install**

A standard track install is a type of track system installation where the fixed rails are not generally mounted flush to the ceiling. Track mounting components are clearly visible.



### **Part Numbers:**

**TRK-GT-DR-ASSY**

**TRK-GT-TR-ASSY**

**TRK-GT-TD-ASSY**

**Double Traverse Track to Regular Transfer Track Gate**

**Triple Traverse Track to Regular Transfer Track Gate**

**Triple Traverse Track to Double Transfer Track Gate**

# Accessories

## Recessed Track Install

A recessed track install is a type of track system installation where the fixed rails are mounted flushed to the ceiling, providing a clean aesthetic finish and look. All structural components are hidden out of sight.



### Part Numbers:

**TRK-GT-DR-REC-ASSY**

**Double Traverse Track to Regular Transfer Track Recessed Gate**

**TRK-GT-TR-REC-ASSY**

**Triple Traverse Track to Regular Transfer Track Recessed Gate**

## BATTERIES

The GoLift Ultra is equipped with two NiMH (Nickel Metal Hydride) with the following specifications:

- Rated Voltage: 14.4V
- Rated Capacity: 3.3AH

### Part Number:

**EL-BAT-PACK-C-3.3AH**

**3.3AH Nickel Metal Hydride Battery Pack**

# Accessories

## POWER SUPPLY

The Amico Power Supply converts the input AC voltage into DC voltage output to charge both the GoLift Ultra and the GoLift Portable 450. Amico offers a variety of different power supply models to suit the standard wall outlet at the location of install. Refer to the Table below regarding the part number and specification of the Power Supply.

Part Number	Region	Wall Plug	AC Cord Length
<b>GO-LIFT-PS-ASSY</b> (Power Supply Only) <b>GO-LIFT-PS-WALL-ASSY</b> (Power Supply with Wall Mounting Box)	North America	NEMA 5-15P (Type B)	6ft
<b>GO-LIFT-PS-EU-ASY</b> (Power Supply Only) <b>GO-LIFT-PS-W-EU-ASY</b> (Power Supply with Wall Mounting Box)	Europe	BS1363 (Type G)	6ft
<b>GO-LIFT-PS-AUS-ASY</b> (Power Supply Only) <b>GO-LIFT-PS-W-AUS-ASY</b> (Power Supply with Wall Mounting Box)	Australia	AS 3112 (Type I)	6ft
<b>GO-LIFT-PS-GER-ASY</b> (Power Supply Only) <b>GO-LIFT-PS-W-GER-ASY</b> (Power Supply with Wall Mounting Box)	Germany	SCHUKO CEE 7/7 (Type F)	6ft



NEMA 5-15P (Type B)



BS1363 (Type G)



AS 3112 (Type I)



SCHUKO CEE 7/7 (Type F)

**NOTE:** Ensure that the correct power supply is ordered depending on the standard the region uses. Confirm which standard is followed as each region can follow multiple standards.

### Specification:

**Input Voltage:** 100-240 VAC  
**Input Current:** 2.0 A (Max)  
**Input Frequency:** 50-60 Hz  
**Input Fuse:** T3.15 A/ 250V  
**Output Voltage:** 36 VDC  
**Output Current:** 1.11 A (Max)

**Operating Temperature:** 0-40°C  
**Operating Humidity:** 10% - 90%  
**Storing Temperature:** -20 – 85°C  
**Storing Humidity:** 5% - 90%

## Environmental Conditions

	Operation	
	Minimum	Maximum
Temperature	+10°C	+40°C
Relative Atmospheric Humidity	30%	75%
Air Pressure	700 hPa	1060 hPa

# Maintenance & Storage

## CLEANING & DISINFECTION

The exterior of the GoLift Ultra should only be cleaned or disinfected using the recommended cleaning agents shown below. Damp a cloth with the cleaning agent and wipe down the exterior of the lift and carry bar. Other chemicals and/or liquids not listed below should not be used to clean and disinfect the GoLift Ultra.

**CAUTION:** Take great care to ensure no liquids enter the Amico GoLift Ultra. The lift is not drip-proof or water tight. Failure to protect the lift from liquids may result in damage to the lift and may cause personal injury.

### Recommended Cleaning Agents:

- CaviWipes
- Clorox Healthcare Professional Disinfecting Bleach Wipes
- Dispatch Hospital Cleaner Disinfectant Towels with Bleach
- Oxivir TB Disinfectant Wipes
- Sani-Cloth Super Germicidal Disposable Wipes
- tb Minuteman NEX GEN
- Virocidin-X
- Virox-5
- Virox Accel Tb

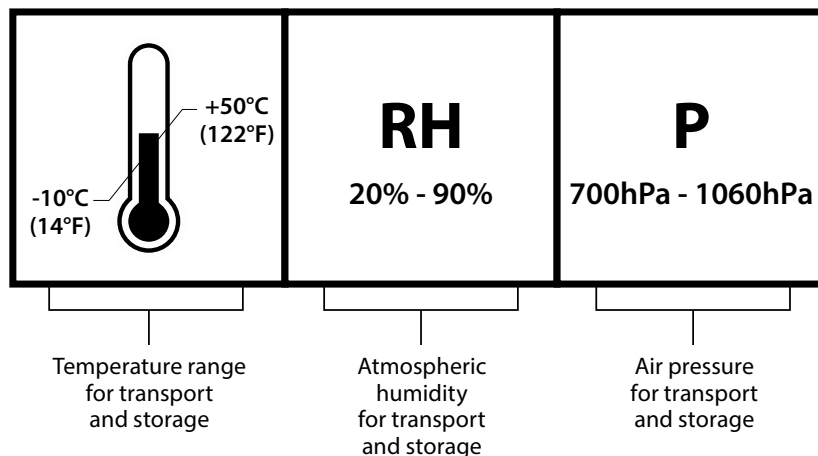
## STORAGE

Refer to the table below for optimal storage condition of the GoLift Ultra when not in use.

Transport / Storage		
	Minimum	Maximum
Temperature	-10°C	+50°C
Relative Atmospheric Humidity	20%	90%
Air Pressure	700 hPa	1060 hPa

For long-term storage of the GoLift Ultra, disconnect the batteries from the GoLift Ultra and pull the RED emergency lowering cord to the Emergency Stop position.

## REFERENCES ON THE PACKAGE



# Maintenance & Storage

## INSPECTION & MAINTENANCE

Prior to using the Amico GoLift Ultra, the inspections should be conducted per the following schedule:

Checklist Item	Before Use	Every Month	Annual
<b>GoLift Ultra</b>			
Inspect the lift strap for fray or wear along its entire length.	✓		
Ensure the batteries are fully charged.	✓		
<b>Trolley</b>			
Ensure that the end stops are securely installed at both ends of the track.	✓		
Inspect the trolley wheels. Replace if damaged.			✓
<b>Carry Bar</b>			
Check that the carry bar is properly attached to the lift strap (Quick Release or Fixed).	✓		
Inspect the carry bar for any damages or sharp edges. Check for gaps in the swivel pin area.	✓		
<b>Sling</b>			
The sling straps connecting the lift's carry bar shows no signs of fraying or wearing.	✓		
Inspect the sling fabric for any damage.		✓	
Ensure there are no loose threads in the stitching.	✓		
<b>Maintenance by Certified Technician</b>			
Fully unspool the strap and inspect it for any fraying or damage along its entire length.			✓
Check the upper and lower limit switch by pressing the up and down buttons to ensure the lift stops automatically at the top and bottom of the strap.			✓
Annual load test with 100% of the GoLift Ultra's load capacity. <sup>1</sup>			✓
Inspect the gearbox for any unusual noises.			✓
Inspect the gears for any broken or worn teeth.			✓
Reapply grease to the gears. <sup>2</sup>			✓
Verify the overspeed cam is operating freely. <sup>3</sup>			✓
Inspect the carry bar for any signs of damage or sharp edges that could potentially damage the sling.			✓
Ensure the hand control functions as intended.			✓
Ensure the emergency lowering cord functions as intended. <sup>3</sup>			✓
Ensure the end stops are installed.			✓
Ensure the LED turns amber when the lift is in charge.			✓

<sup>1</sup> In accordance to ISO 10535 standard "Hoists for the transfer of disabled persons – Requirement and Test Methods" an inspection should be performed on the GoLift at least once a year. This inspection should be performed by a qualified technician and should include a working load test of one (1) lifting cycle with the maximum load.

<sup>2</sup> Re-apply grease to the gears using the Amico certified grease. This can be purchased from Amico Mobility Solutions Corporation.

<sup>3</sup> This must be checked by a qualified technician to ensure the essential performance of the GoLift Ultra.

## DISPOSAL

- The Amico GoLift Ultra contains no dangerous goods.
- At the end of its service life, all components must be properly disposed of in accordance with local regulations.
- Carefully separate materials before disposal
- Electrical circuit boards must be submitted to an appropriate recycling process.
- All remaining components should be disposed of according to the specific material type.

# Service & Lifetime

## LIFETIME

The GoLift Ultra is expected to have a service life of 10 years or 22,500 cycles, on the condition of correct use and correct maintenance inspections. Please refer to the Inspection and Maintenance section for proper care procedures of the GoLift Ultra and its accessories.

## REPLACEMENT OF COMPONENTS

The replacement of any spare components (batteries, PCBs, load cells, lifting straps, etc.) must be performed by a qualified service technician or the Amico Service Team.



**WARNING:** No part of the equipment shall be serviced when in use with a user.

## QUICK SET UP

Please ensure that the following steps are performed during the installation/setup of the GoLift Ultra:

1. Open the battery compartment and plug in the batteries. Follow the battery connection label to ensure the batteries are plugged correctly (black to black and red to red).
2. Press the emergency stop tab into the lift (lift will not function otherwise)
3. Check that the following lift functions are operational:
  - a. Up (Trolley must be clipped in to move the strap up)
  - b. Down (Tension must be applied to the strap for the strap to move down)
  - c. Emergency Stop (Pull down on the red emergency cord – power is cut off to the lift)
  - d. Emergency Lower (Pull and Hold down on the red emergency cord)
  - e. Charging (Refer to the LED & Buzzer Functions section)
4. Check that the track system is set up for either continuous charge or end stop charge and ensure that the user is aware of how the lift charges
  - a. Ensure that the lift goes back to the charging station at the end of the day.



### **WARNINGS:**

Do not let the batteries fully drain as this will damage them. Ensure the lift goes back to charge at the end of each day.

Charge the batteries to full and unplug them from the lift before storing.

If the lift is being stored for extended periods of time, ensure to plug the batteries back into the lift and recharge them every 3 months.

# Troubleshooting

Review the following chart should any problems arise during the use of the Amico GoLift Ultra. Determine the fault and follow the recommended solution to diagnose the issue. If the fault is not found and/or the solution does not resolve the problem, please contact Amico Mobility Solutions.

**NOTE:** Solutions refer to steps in the Quick Set Up Guide (Page 33).

Issue	Solution	Alternate Solution
The lift is completely unresponsive	1. Check Steps 1 and 2.	
	2. If Solution #1 does not resolve the issue, batteries are most likely completely drained due to improper storage or charging was not set up on install. New batteries will need to be ordered.	
The lift is not charging	1. Check Steps 1, 2 and 4.	
	2. Use a multimeter and follow the charge flow path.	Remove the Lift from the trolley and check that 36 VDC is being supplied between the two trolley latches.  Remove the track end cap. <ul style="list-style-type: none"> <li>• Check the connection between the charging end stop and the charge strips</li> <li>• Check the voltage between the two socket caps screws mounted at the top of the charging end stop</li> </ul>
	3. Check that the barrel plug is connected to the power supply wire.	
	4. Check that a solid GREEN LED is lit on the charge and that it is plugged in.	
The lift will not raise	1. Check that the batteries are charged	
	2. Check that the trolley is clipped into the lift properly	
The lift will not go down	Ensure there is tension on the strap when pressing the down button.	
The lift only does a few lifts before showing dead battery after charging 4+ hours.	Replace the batteries as they may be at the end of their service life, or have been drained excessively.	
The lift operates but shows a blinking green LED.	Refer to the "Description of Function" section, "Other Errors" sub-section to reset the maintenance alarm.	

For any issues not resolved, please take a video of the issue and send the following information to [amo-service@amico.com](mailto:amo-service@amico.com).

# Electro-Magnetic Compliance Data for Amico GoLift Ultra

## Guidance and Manufacturer's Declaration - Electromagnetic Emissions

The GoLift Ultra is intended for use in the electromagnetic environment specified below.  
The customer or the user of the GoLift Ultra should assure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The GoLift Ultra uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class A	The GoLift Ultra is suitable for use in all establishments other than domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies	

# Electro-Magnetic Compliance Data for Amico GoLift Ultra

## Guidance and Manufacturer's Declaration - Electromagnetic Emissions

The GoLift Ultra is intended for use in the electromagnetic environment specified below.  
The customer or the user of the GoLift Ultra should assure that it is used in such an environment.


Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±15 kV air	±6 kV contact ±15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±1 kV for power supply lines ±0.250 kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV line(s) to line(s) ±2 kV line(s) to earth	±1 kV line(s) to line(s) ±2 kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% UT (>95% dip in UT) for 0,5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (>95% dip in UT) for 5 sec	<5% UT (>95% dip in UT) for 0,5 cycle 40% UT (60% dip in UT) for 5 cycles 70% UT (30% dip in UT) for 25 cycles <5% UT (>95% dip in UT) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the GoLift Ultra requires continued operation during power mains interruptions, it is recommended that the GoLift Ultra be powered from an interruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A / m	3 A / m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

**NOTE:**  $U_T$  is the a.c. mains voltage prior to application of the test level.

# Electro-Magnetic Compliance Data for Amico GoLift Ultra

## Guidance and Manufacturer's Declaration - Electromagnetic Emissions

The GoLift Ultra is intended for use in the electromagnetic environment specified below.  
The customer or the user of the GoLift Ultra should assure that it is used in such an environment.

Emissions test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
<p>√Conducted RF IEC 61000-4-6</p>	<p>3 Vrms 150 kHz to 80 MHz</p>	<p>3 Vrms</p>	<p>Portable and mobile RF communications equipment should be used no closer to any part of the GoLift Ultra, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance</p> $d = 1.2 \sqrt{P}$ $d = 1.2 \sqrt{P} \text{ 80 MHz to 800 MHz}$ $d = 2.3 \sqrt{P} \text{ 800 MHz to 2,5 GHz}$ <p>where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,<sup>a</sup> should be less than the compliance level in each frequency range.<sup>b</sup></p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> 
<p>Radiated RF IEC 61000-4-3</p>	<p>3 V/m 80 MHz to 2.7 GHz</p>	<p>3 V/m</p>	

**NOTE 1:** At 80 MHz and 800 MHz, the higher frequency range applies.

**NOTE 2:** These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

<sup>a</sup> Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the GoLift Ultra is used exceeds the applicable RF compliance level above, the GoLift Ultra should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the GoLift Ultra.

<sup>b</sup> Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

# Electro-Magnetic Compliance Data for Amico GoLift Ultra

## Recommended separation distances between portable and mobile RF communications equipment and the GoLift Ultra

The GoLift Ultra is intended for use in an electromagnetic environment in which radiated RF disturbances are control LED. The customer or the user of the GoLift Ultra can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the GoLift Ultra as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter M		
	150 kHz to 80 MHz $d = 1.2\sqrt{P}$	150 kHz to 80 MHz $d = 1.2\sqrt{P}$	800 MHz to 2,5 GHz $d = 1.2\sqrt{P}$
0,01	0.12	0.12	0.23
0,1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance  $d$  in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where  $P$  is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

**NOTE 1:** At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

**NOTE 2:** These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

# Warranty Policy - Mobility Solutions

The primary purpose of our ceiling lift system is to safely lift, transfer and reposition a patient with as little effort as possible for the caregiver, regardless of the room type. The Amico Mobility Solutions Corporation's GoLift is easy and safe to use for caregivers as well as patients. The lift systems fit into all environments and fulfill the highest requirements of function, safety and reliability.

Amico Mobility Solutions Corporation warrants its lifting equipment and workmanship to be free from defects for a period of one (1) year from the date of shipment. This includes tracks, lift motor, carry bar and accessories. The Amico slings have a warranty of one (1) year.

Within this period, Amico Mobility Solutions Corporation will replace any part (at no additional charge), which is deemed defective. Shipping and installation costs after the first twelve (12) months will be borne by the customer. The following exclusions apply: the warranty for batteries is for a period of three (3) months from the time of shipment; the warranty for power supply is one (1) year from the time of shipment.

This warranty is valid only when the product has been properly installed as outlined in the Amico Mobility Solutions Corporation specifications; including but not limited to proper usage and servicing of systems according to factory recommendations. It does not cover damages as a result of shipment failures, accidents, misuse, abuse, neglect, mishandling, alternation, misapplication or damages which may be attributed to acts of God.

The manufacturer's warranty is void if persons unauthorized by Amico Mobility Solutions Corporation perform work on the GoLift Patient Lift or the GoLift Portable450 lift systems. Specifically, only an individual trained by Amico Mobility Solutions Corporation is to perform service to the equipment. Warranty coverage does not include incorrect performance due to unauthorized service.

Amico Mobility Solutions Corporation under the terms of this guarantee shall be limited to the servicing of defective parts and shall not be liable for incidental or consequential damages resulting from the use of the equipment.

All claims for warranty must first be approved by Amico Mobility Solutions Corporation's Service Department at [amo-service@amico.com](mailto:amo-service@amico.com) or through Amico's direct lines: 905-747-2032 or 1-833-843-8470. A valid Return Goods Authorization (RGA) number must be obtained from Amico Mobility Solutions Corporation prior to commencement of any service work. Warranty work which has not been pre-authorized by Amico Mobility will not be reimbursed.



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AMO-IM-GOLIFT-ULTRA 05.08.2026