AirRise 500 Hoist
Data Sheet

Dimensions
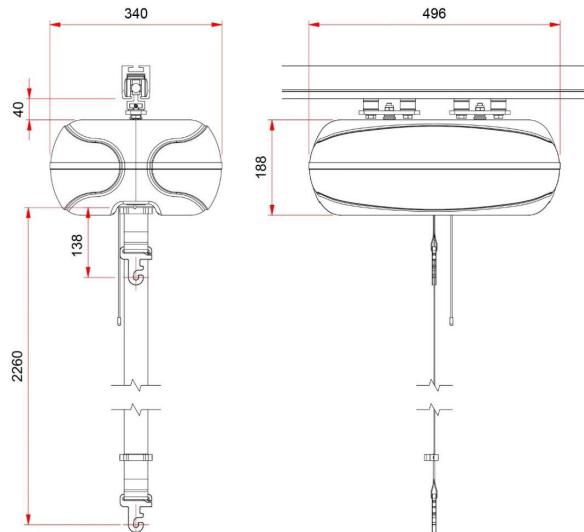
Safety Features

Battery monitor	Prevents fully discharging of the Batteries.
Height End Switch	Ensures that the Spreader Bar does not move higher than the maximum lifting height.
Emergency stop	Turns off the Ceiling Hoist in emergency situations when the red cord is pulled.
Emergency lowering feature	Lowers the patient when the Emergency Cord is pulled down.
Lifting Tape tension switch	Prevents the Lifting Tape in the Ceiling Hoist from piling up when lowered without load.
Lifting Tape limit switch	Turns off the motor of the Ceiling Hoist at the end of the Lifting Tape.

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Specification

Maximum lifting capacity	500kg
Operation	PLS Hand Control
Horizontal displacement speed	Manually
Central Suspension Point	Quick release hook with possibility to fix a spreader bar with a bolt d=10mm
Minimum charging time (critical level)	8 hours
Battery indicator	Status LED. Green = full, orange = charge, red = critical.
Switch-off time when not in use	15 minutes
Switch-off time charge indication (bedroom mode)	2 minutes
Number of lifts per full charge @70cm	>40 @ 500kg
Lifting tape (total length)	50x2400 mm (longer available)
Weight	26.7kg
Sound level up (without load)	47 dB (A)
Sound level down (without load)	45 dB (A)
Sound level up (maximum load)	54 dB (A)
Sound level down (maximum load)	50 dB (A)
Time lifting tape up (full length, no load, average)	49 seconds (43mm/ second)
Time lifting tape down (full length, no load, average)	50 seconds (42mm/ second)
Time lifting tape up (full length, maximum load)	67 seconds (31mm/ second)
Time lifting tape down (average, maximum load)	47 seconds (45mm/ second)
Input voltage	24 V/DC (through PLS Wall Charger)
Batteries	(4x) 12 V/DC (coupled 24V) – 5 Ah (Lead Acid sealed)
IP rating Ceiling Hoist	IP-32
IP rating Hand Control	IP-66
Central suspension point control	Slow start and slow stop
Average stopping distance central suspension point	37 mm
Cover	HIPS
Basic UDI-DI	87201657932050U4
Length emergency cord	60cm (adjustable)
In compliance with Regulation (EU) 2017/745 and standards	See Declaration of Conformity
Dimensions (mm)	See diagram above