

Level - Lift Roof

Lifting extensible system for vehicle roof

Level-Lift Roof has been created in order to take advantage of the Level-Plane 16 in land, infrastructural, architectural and structural surveying.

It's composed of 4 pneumatic extensible segments (max 3.00 m height), a support plate for Level-Plane 16 and a solid frame that allows mounting on the roof rack of any vehicle. The system is made from anodized aluminum.

Once the engine of the vehicle is off and the pole fully extended the system remains firm and stable during the scan session.



By using Level-Lift Roof combined with Level-Plane 16 and raising the 3D Laser Scanner gripping point it's possible to obtain:

- significant increase of measurement range
- decrease of the scan sessions number
- saving of surveying time
- more detailed scans by cutting out balcony shadows, trays of windows and high parts, not visible from the ground
- improving measurement quality due to the increased verticality of the gripping point



Example:



Level - Lift Roof

Part number LLR

LEVEL-LIFT ROOF STANDARD

Composed of

LLR	Level-Lift Roof with Aluminium frame
STA	Roof bar brackets
RCC	LLR Cable Controller
CLR	Connecting cable from LP16 to LLR
CPC	Power Cable with connection to the car-lighter
PCP	Support plate for LP16
QBK	Quick Bracket
BMA	Soft bag for accessories

(LP16 not included)

TECHNICAL DATA

• Dimensions closed system	125 x 48 x h. 35 cm
• Extended pole height	3,00 mt
• Extension	4
• Maximum load	45 kg
• Weight	55 Kg
• Electrical engines	2
• Integrated compressor	
• Power supply	12V 16A (maximum absorption load of the air compressor)
• Temperature limit for use of the equipment	- 15° C + 40° C
• Temperature limit for the storage of equipment	- 30° C + 50° C



Part number LLR Light

LEVEL-LIFT ROOF LIGHT

Composed of

LLR	Level-Lift Roof with Aluminium frame
STA	Roof bar brackets
RRC	LLR Radio Controller
RCC	LLR Cable Controller
CLR	Connecting cable from LP16 to LLR
CPC	Power Cable with connection to the car-lighter
PCP	Support plate for LP16
QBK	Quick Bracket
WBK	Wind bracing kit
BMA	Soft bag for accessories

(LP16 not included)

TECHNICAL DATA

• Dimensions closed system	115 x 40 x h. 30 cm
• Extended pole height	2,50 mt
• Extension	3
• Maximum load	35 kg
• Weight	38 Kg
• Electrical engines	2
• Integrated compressor	
• Power supply	12V 16A (maximum absorption load of the air compressor)
• Temperature limit for use of the equipment	- 15° C + 40° C
• Temperature limit for the storage of equipment	- 30° C + 50° C

