

LIGHT ASSIST 2.1

LIGHTWEIGHT POWER ADD-ON FOR MANUAL WHEELCHAIRS
(ATTENDANT CONTROLLED)

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BENOIT SYSTEMES has been offering mobility solutions for wheelchair users since 1994 in France.

LIGHT ASSIST 2.1 is a lightweight power add-on that helps the third party push the manual wheelchair user. It is designed as a powerful and compact aid for people who cannot drive by themselves, for their daily movements indoors and outdoors.

Effortless pushing of the wheelchair for the attendant

Ergonomic handles which allow to clear obstacles easily

Attached and detached in seconds, compact and easily transportable in any vehicle

Efficient and safe maneuvers: speed control and braking aid



COMPONENTS

- ▶ Power add-on
- ▶ Throttle handle and second handle
- ▶ Battery
- ▶ Charger
- ▶ Anti-tip

OPTIONS

- ▶ Car charger
- ▶ Mudguards

Ultralight hook bars and handle receivers are permanently attached to the wheelchair. They will not change the overall dimensions or the folding ability of the wheelchair.

TECHNICAL DETAILS

POWER PACK WEIGHT	8.8 kg
MINIMUM DIMENSIONS OF THE LIGHT ASSIST 2.1	510 x 300 x 275 mm (height changes depending on clutch handle)
USER'S MAX. WEIGHT	120 kg
MAXIMUM WEIGHT	150 kg (excluding Light Assist)
MAX. SPEED	10 km/h (programmable)
POWER	2 motors of 130W with holding brakes
MAX. SLOPE FOR SAFE CLIMBING	5° (9%)
MAXIMUM HEIGHT OF OBSTACLE	2.5 cm – 7 cm
ADAPTABILITY	see compatibility guide

COLORS

15 colors are available for the central tube:

CLASSIC

- BLACK
- WHITE
- BLUE
- RED
- KHAKI

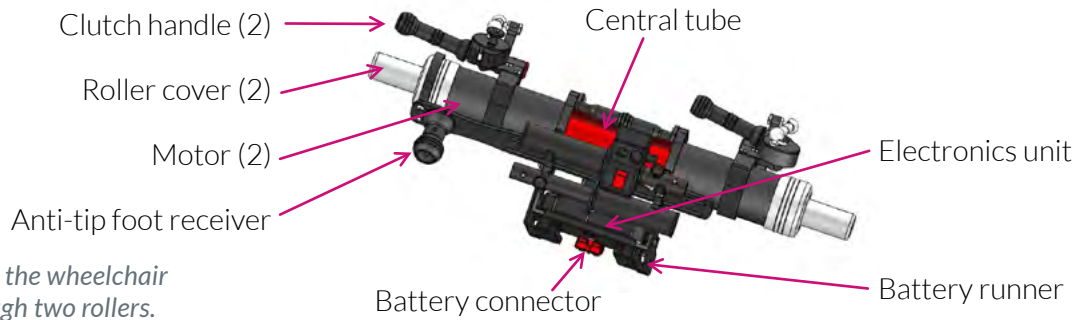
METALLIC

- MIDNIGHT BLUE
- GREY
- SILVER
- COPPER
- CHAMPAGNE GOLD

TRENDY

- SKY BLUE
- PINK
- GREEN
- YELLOW
- ORANGE

OVERVIEW



Two motors drive the wheelchair rear wheels through two rollers.

BATTERY

The Lithium ion battery connects automatically when you slide the battery rack on the support.



Compatible with IATA regulations for air transport (01/01/2021)

LITHIUM ION BATTERY	12Ah 297 Wh
WEIGHT	3.85 kg
RANGE*	15 to 18 Km
RECHARGE TIME	5 to 6h when battery is empty
LIFE SPAN	1000 cycles (on average 4 years)

* Range depends on terrain, temperature and weight of the user.

CHARGER

Lithium ion 24V battery charger (MASCOT)

MISCELLANEOUS

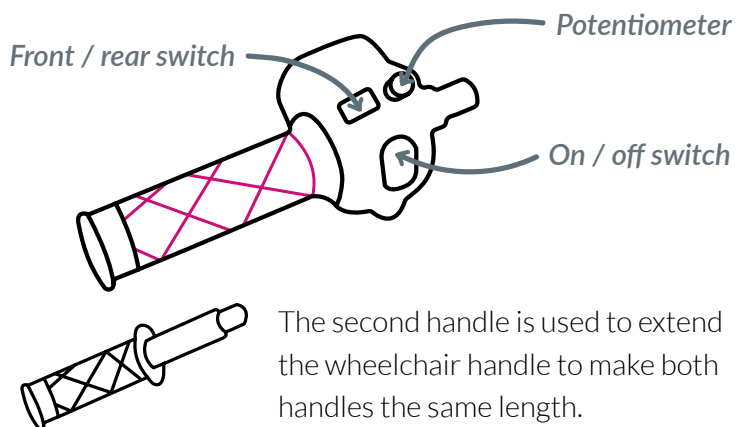
We recommend equipping your chair with SCHWALBE Marathon Plus tyres. Front castors should be minimum 6"

WARRANTY

24 months for power pack, battery and charger

THE HANDLES

Throttle handle: Adjust the maximum speed with the potentiometer. Then turn the throttle handle slowly until you reach the desired speed. For the ride to be pleasant, the third person adjusts the speed to his own pace.



The second handle is used to extend the wheelchair handle to make both handles the same length.

BENOIT SYSTEMES reserves the right to modify these specifications without prior notice.