

STREET-MASTER™

Illuminated LED
Rolling Base Pavement Sign

User Manual



*This Manual has the notes and instructions regarding how to use your product. For your safety and service, please read this manual carefully before using your product. Please keep this manual somewhere within easy reach, in case of further need.

STREET-MASTER™

▶ LED is a contemporary unique solution for an illuminated pavement sign with battery. The front view with a flat surface gives a trendy and esthetic look. Chrome coated Zamak alloy provides, mitered but yet, soft finish corners.



▶ The front cover is from 2mm UV resistant Polycarbonate. It is well known for its impact resistance and long term use in the outdoor conditions.

▶ The border framing / pass partout effect is given by 40mm silk screen printing.

▶ The backing is from double 4mm acrylic. It is laser processed and dotted for a uniform and homogeneous light diffusion.



▶ LEDs are directly applied to the frame. Osram branded LEDs are used.

▶ The frame itself is 100% waterproof. It is not snap open but with the elastic rope hinges. The covers of frames can be opened and secured by 6 locks each Frame (in total 12 locks on the frame). This provides ease of poster installation. The installation of poster is very simple by inserting the poster upwards, into the metal clamps. The customer can change the visual by his/her own without any help needed.



▶ The base is designed and developed to fit such a unique product, there are many unique features worth to mention. Weight of water filled base is 40kg. This new base is totally a brand new design with its flat look. Water can flow away over the surface easily.



WARNING!

Do not keep the base in water more than 10cm as it may let the water in battery compartment.

► Battery is hidden and not visible from outside. The battery compartment is in the base and waterproof because of its unique rubber sealed lockable cover. Water around the cover can easily flow away via drainage holes. The compartment is easily secured by lock. When customer opens the cover they will see the label with remarks and indications on the battery.



► The battery itself is also a very ingenious and unique power supply solution. It is a PO4 Life rechargeable, 25,6Volt DC, 10 A battery. It is widely known for due to its high durability as well as unrivalled reliability. Output is DC as all batteries. Operation is between -10/+45 degrees Celsius. (Only if it is needed. But products with batteries are in general not recommended for use in minus Celsius degrees as it shortens battery life.)



► It has 2 options in terms of adjusting the brightness with a 2 level switch. The duration of the battery will depend on the lighting mode used:

Bright Mode: approx. 9 hours (2000-2200 Lux)

Energy Saving Mode: approx. 18 hours (1000-1100 Lux)



► The battery will be shipped at full capacity. Before the delivery, it will be fully charged and discharged twice in the factory so that it will be ready for use with maximum capacity with a long lasting performance. Every battery will be checked before leaving the factory. No sample or batch monitoring but 100% control is applied to ensure the quality.

► There is a digital LED indicator for battery level. It will change color from green to yellow and finally to red as the battery drains. But there is an excellent feature about this power supply. The customer will never have a fade out effect in the lighting as the battery drains. The built in circuit will cut off the power automatically as the power will drain to an insufficient level to provide above mentioned brightness values.



- ▶ 5-6 hours necessary to fully charge the battery with a lifecycle of average 1500 charges.
- ▶ Product will be delivered with one battery included. It is recommended to have a second one in order to keep the power up while the former one is being charged.
- ▶ Battery cannot be recharged on the product; it has to be put out of the product and has to be recharged separately with charging unit. It should be charged indoor only.



SAFETY INSTRUCTIONS

When using Illuminated WindPro with LED, basic safety precautions should always be followed, including the following:

Battery Instructions:

- ▶ In case you observe abnormality on the battery, contact to your supplier
- ▶ Store the battery full for long period of non-use. Otherwise the battery maybe out of use completely.
- ▶ Store the battery in room temperature of 23 degrees (+/-2)
- ▶ When used correct, battery can be rechargeable min 1500 times
- ▶ Working environment temperature should be between -10 to +50 degrees.
- ▶ Do not keep the battery in high temperature, water or in acid
- ▶ Avoid any damage on battery
- ▶ Do not touch or connect negative and positive cables. In case of any connection, the battery will block off itself. However it may still cause excess heat or chemical reaction.
- ▶ Use only its charger to charge the battery
- ▶ Time to charge battery is approximately 5-6 hours
- ▶ When battery is fully charged, remove from the charger. Otherwise it may shorten the lifetime of battery
- ▶ When Illuminated WindPro with LED is not in use, remove the battery.
- ▶ Do not keep battery in microwave or under high pressure. This may result in damaging the battery or exposure of battery.
- ▶ Do not use the battery in case of any smoke, heat or any form of damage.
- ▶ **In case for long period of non-use, recharge the battery in 3 months.**

Charge	0 °C to +40 °C
De-charge	-10 °C to +60 °C
Storage (less than 30 days)	-20 °C to 0 °C
Storage (less than 90 days)	+23°C±2

SPECIFICATIONS

Battery Charge Indicator

▶ Do not hold the indicator button. It may result in malfunctioning of indicator

Battery Occupancy Rate	Number of lighting LEDs
$BDO < \%15$	1
$\%15 \leq BDO < \%29$	2
$\%29 \leq BDO < \%43$	3
$\%43 \leq BDO < \%57$	4
$\%57 \leq BDO < \%71$	5
$\%71 \leq BDO < \%85$	6
$\%85 \leq BDO < \%99$	7
$\%99 \leq BDO$	8

*In case for long period of non-use, recharge the battery in 3 months.

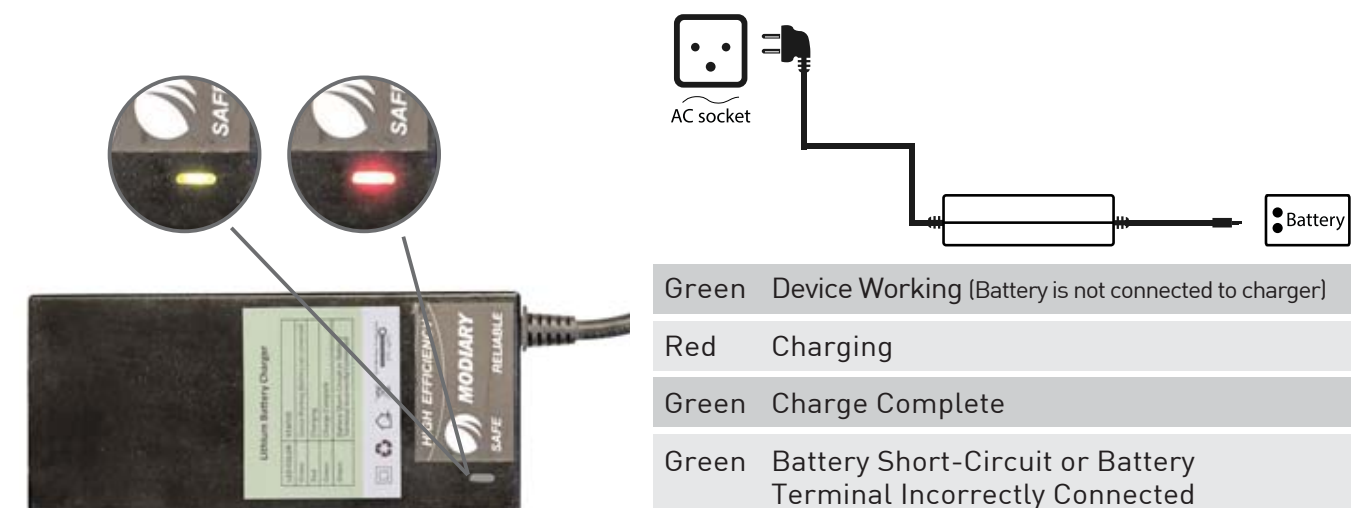


Battery Charger Instructions

- ▶ Make sure battery connected to charger properly
- ▶ Lithium charger should only be used for the right battery provided by the manufacturer of WindPro with LED.
- ▶ Charger should only be used indoor and dry conditions
- ▶ Charger cannot be repaired. In case of any damage, it should not be used again to avoid malfunction the battery.
- ▶ Charger should be plug into regular electricity sockets. Charger has ability to adjust voltage

Use Instructions

1. Connect the battery into charger
2. Plug the battery into power socket. The battery indicator light will turn in red
3. Battery is fully charged when the indicator is green. Then first plug out the charger from socket and then remove the battery.



Instruction Manual

1. Assembly of Waterbase and Frame

Slide the springs of frame in the waterbase. Product should be leaned on its side and fixed with nuts at bottom as seen in photos.



After fixing is finished, product should be put in to its vertical position, then cable from frame and energy cable from battery should be connected together.



2. Filling up the Waterbase

After the assembly, use supplied tool to open the cap on water base. A funnel should be used to fill the water base with water.



3. Instructions to open the battery compartment

The battery is safe in a lockable battery compartment. You can open the compartment as shown on the pictures below.



Open the lock with the key of the compartment as you see on the picture.



After you unlocked the compartment, you can open the cover.

4. Instructions to plug in and unplug the battery

After opening the battery compartment cover, plug in the power cable into the contained power cable of the switching circuit as shown on the pictures.



You can check the charge level of the battery with the LED's on the battery. Please press the indicator button for 1 second to see the charge level.



To load the battery please make sure that you unplug the power cable of the switching circuit. With the handle you can take the battery out.



5. Instruction of poster replacement

Product have 12 locks as 6 locks on each sides. In order to change the poster these locks should untightened.



Then open the frame cover. It will be balanced due to stabilization of elastic rubbers



WARNING!

Do not tighten the locks too much on the frame.
Do not pull out the covers more than 45° angle.

There are two poster holders inside of the frame. Poster can be removed by sliding down the holders.



It is very easy to change the poster. Place the poster on acrylic surface and fasten up by poster holder. After placement of poster, frame can be closed by pushing the cover gently.



There are two operating modes : Energy saving and Bright modes. For setting the mode you can use the button in battery compartment. The button has two marks as "I" and "II". I is energy saving mode and II is bright mode. After setting the mode product can be run by the key under the frame which has two symbols as 0 and 1.



6. Product carrying

WindPro with LED has carrying tool which designed specially for this product. It can be moved easily by the tool.

