



**NORTUS®**  
OUTDOOR

## OPERATION MANUAL OMBROSO - Power Umbrella

**Keep this Instructions!**  
Proper installation is the responsibility of user;  
Keep this manual for future reference if necessary.

### 1. General Product Features.

OMBROSO is an umbrella with open / close automatically or manually, with a radio transmitter for the remote control. OMBROSO has a motor powered by a 12V DC complete with removable battery and charger.

#### Technical specifications

Open diameter:	2750 mm
Height:	2680 mm
Pole diameter:	38 mm
Weight:	6,6 kg (without package)
Voltage:	12V DC
Maximum power:	36W
IP protection index:	IP55
Battery:	Ni-Mh 1000mA, 12V DC
Battery charger input:	230V AC 50Hz
Battery charger output:	15V DC 300mA
Charging time:	1 <sup>st</sup> charge: 8 ore other: 4-5 ore
Operating temperature:	0°C - 45°C
Transmitter range:	20 m (in area libera*)
Transmitter battery:	27A - 12V

\*the range of the transmitter can be significantly influenced by other devices operating in proximity with the same frequency.

### 2. Installation

- 1 Insert charger (7) to wall socket and its plug to battery pack (6) socket for charging (it takes at least 8 hours for full charge)
- 2 Secure the bottom of the umbrella (3) to its support base (accessory);
- 3 Secure the top of the umbrella (1) to bottom (3), through proper placement of the pin fastening (4);
- 4 Install the battery (6) below the pole through the brackets coupling (5);
- 5 Insert the cable into its connector

### 3. Transmitter battery installation (accessory).

The remote control (9) comes with a battery power model 27A (10)

- 1 unscrew the bolts of the transmitter (9) to access the internal electronic card (10);
- 2 place the battery slot, paying attention to polarity (10);
- 3 Reassemble the transmitter taking care to seal the side of the

### 4. Operation.

User can operate the power umbrella in AUTO MODE or MANUAL MODE

On top of the umbrella is positioned a pin (2) to select the operating mode; Follow label instructions

### AUTO MODE

In automatic mode the umbrella can be used by the membrane switch applied to the pole or with the remote control

#### Membrane Switch

Is carried out by a protective membrane with two command buttons and an LED indicator

1. Press the TOP BUTTON to OPEN the umbrella;
2. press the LOWER BUTTON to CLOSE the umbrella

#### Remote Control (accessory)

There are two buttons protected by rubber features a Sympatex membrane

The operating mode is the same panel:

1. Press the TOP BUTTON to OPEN the umbrella;
2. press the LOWER BUTTON to CLOSE the umbrella

#### LED

Indicates the state umbrella:

GREEN FIXED light: operation of opening or closing;

GREEN FLASHING light: arrest umbrella;

RED FLASHING light: low battery

### MANUAL MODE

In manual mode the umbrella can be used with the handle provided

On top of the umbrella is positioned a pin (2) to select the operating mode; Follow label instructions.

1. To OPEN the umbrella, turn the handle CLOCKWISE
2. To CLOSE the umbrella, turn the handle COUNTER-CLOCKWISE

### 5. Warnings.

- 1 Do not put fingers or hands into the umbrella frame during operation;
- 2 Disconnect the battery pack, before attempting to clear a jam or remove any object from the umbrella;
- 3 Do not disassemble or short-circuit the battery pack;
- 4 Do not charging for 27A battery;
- 5 Do not charging when the power umbrella was being used;
- 6 Do not plug charger to power umbrella;

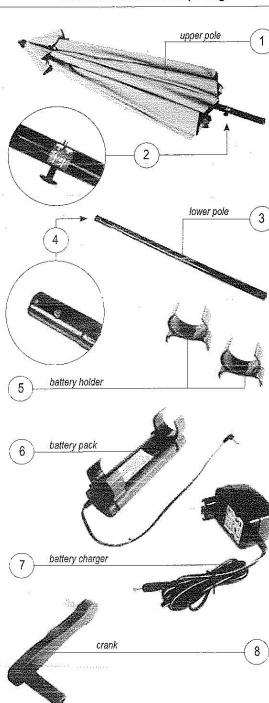
### 6. Troubleshooting Tips.

If the umbrella doesn't work, please check below items:

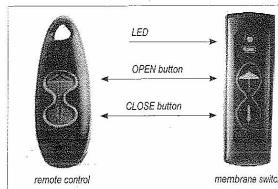
- 1 The DC plug should be connected to DC jack properly;
- 2 Battery pack should be charged;
- 3 27A battery with capacity for the remote control;
- 4 Remote control should not out of effective range 20m;

If the problems still cannot be fixed, please contact your retailer for assistance

### Material contained in the package



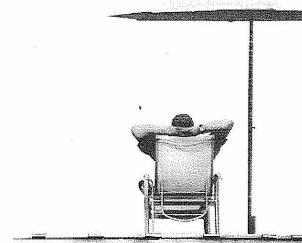
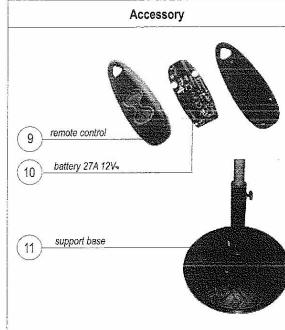
### Membrane switch and remote control use



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### DICHIAZIONE DI CONFORMITÀ

ai sensi della Direttiva LVD 2006/95/CE, R&TE 1999/5/CE

DECLARATION OF CONFORMITY

according to LVD 2006/95/CE - R&TE 1999/5/CE Directive

OMBROSO

sono conformi ai requisiti essenziali e alle disposizioni pertinenti stabilite dalle seguenti Direttive e alle parti applicabili delle Normative di riferimento di seguito elencate:

meet the essential requirements of the following directives and applicable parts of the reference standards listed below:

2006/95/CE/LVD

EN60335-2-97/2006

1999/5/EC/R&TE

EN 300 220-1; EN 300 229-2; EN 301 489-1; EN 301 489-3;

EN 50371;

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The information contained in this manual are subject to change at any time and without prior notice by NORTUS ITALY s.r.l.

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## **FCC Certification Requirements**

**Caution: Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

**This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.**

**The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.**

**This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:**

- Reorient or relocate the receiving antenna.**
- Increase the separation between the equipment and receiver.**
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- Consult the dealer or an experienced radio/TV technician for help.**