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Section 1

Manufacturer's data Manual details

Manufacturer's data

Company name	Bega S.r.l. Società Benefit
Registered office	Strada Statale, 11, km 331 – 36053 – Gambellara (VI) – Italia
VAT No.	04039300241
Certified e-mail (PEC)	begaoutdoorsrl@pec.it
Tel. office	US: +1 888 269 9779 Toll Free Number UK: +44 330 808 8140 UK: +39 0444 1270008 (international customer service)
E-mail	US: info@maantaoutdoor.com UK: info@maantaoutdoor.co.uk
Website	US: www.maantaoutdoor.com UK: www.maantaoutdoor.co.uk

Manual details

Structure and use of the manual

This manual is organised into sections, chapters and paragraphs, with a general table of contents and progressive page numbering. It is intended for the personnel in charge of handling, installing, using and maintaining the product throughout its entire life cycle.

Transfer to third parties

If the product is subsequently transferred to third parties for any reason (sale, loan for use or any other reason), it must be delivered together with the full documentation.

Limitations and liability

The information in this manual neither intends nor can replace the knowledge and experience of the operators/users who will use it (in any form); the sole responsibility for the use for which the product has been designed lies with them.

Before starting any operation on any component of the product, the entire manual must have been read, and the section relating to the operations to be carried out must have been thoroughly studied.

Intellectual property

This manual contains confidential information and may not be provided to third parties, even partially, for any use and in any form, without the prior written consent of Bega S.r.l. Società Benefit.

Compliance and storage

Bega S.r.l. Società Benefit certifies that the information complies with the technical and safety specifications of the product. A copy is kept in the company's technical file for the period required by law, during which it remains available to the control authorities. Bega does not recognise documentation not produced or directly authorised by the company. Once the legal period has elapsed, it is the responsibility of the product's operator to verify the conformity of the product and documentation with the applicable regulations.

Graphic warning conventions

To help the reader understand the topics covered, the following graphic and typographic conventions have been adopted in this manual and are described below.



CAUTION

Caution notices contain important information, highlighted apart from the related text. They indicate procedures whose total or partial non-observance can cause damage to the product and its components, and can expose an operator/user to low- to medium-level hazards.



WARNING

Danger notices identify procedures that require particular attention during execution and whose total or partial non-observance can cause serious damage or injury to the operator/user's or other nearby persons' health, as well as serious damage to the product.



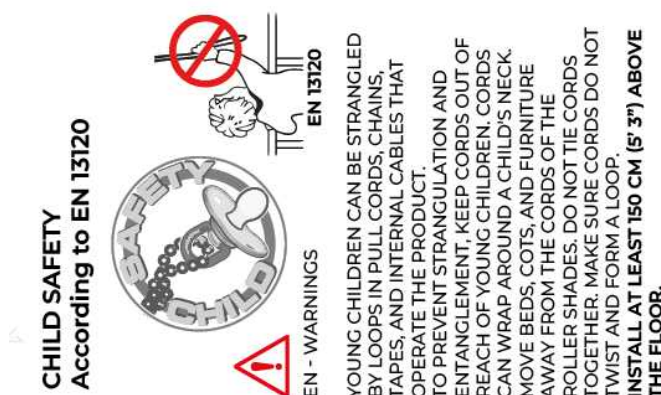
PROHIBITED

Prohibition notices indicate all actions that **must absolutely not be performed** due to the high risk to property and persons.

Pictograms

The following pictograms are present on the product:

Danger



General Hazard

PROHIBITED



Pictograms with a safety function must not be removed, covered or damaged. They must be kept clean and replaced whenever they are removed or damaged.

Section 2

General product description and technical data

Intended and non-intended use

Warranty

Warnings

General product description and technical data

General description

EZ Furl is a manual mechanical accessory that allows you to roll up and unroll an already installed shade sail without altering the existing installation. The kit is attached to the tensioning point support of the sail by means of M5 shackles and rolls the sail along the diagonal by pulling a control line.

The system is compatible with sails up to 20 m² (215 sq ft) from any manufacturer, provided they are equipped with a diagonal strap. It is not compatible with sails that have one side fixed to a wall.

Components are made of carbon fibre-reinforced nylon, resistant to UV rays and weather. Total kit weight: 0.75 kg (1-5/8 lbs).

Technical data

The data below cover all available variants.

Mechanical data		
Maximum sail surface	m ² (sq ft)	20 (~215)
Total kit weight	kg (lbs)	0.75 (1-5/8)
Component material	Carbon fibre-reinforced nylon	
Ø furler	mm (in)	113 (4-1/2)
Furler thickness	mm (in)	18.4 (3/4)
Ø idler pulley	mm (in)	35 (1-3/8)
Shackles for support attachment	M5 (Ø10 / Ø5)	
Sail connection pin	mm (in)	Ø8 (3/8)
Minimum installation height	>1.50 m (>4' 11") from the ground	

Intended and non-intended use

Introduction



CAUTION

Since it would be impossible to describe all operations that must not or cannot be carried out, any operation (other than normal ones) not expressly described in the product documentation is to be considered non-feasible.

The feasible operations are only those indicated in this manual in the **INTENDED USE** section.

Everything that is non-feasible, as well as total or partial non-observance of the procedures described in the manuals, can be the cause not only of errors during operations, but also of accidents that can cause serious damage to the product and its users.

Intended use

EZ Furl is a manual furling kit for outdoor shade sails: it allows the sail to be gathered along the diagonal by pulling a line, without replacing the existing installation. Manual operation only: no motors, no electrician needed. Components in carbon fibre-reinforced nylon for maximum lightness and resistance to UV rays and weather.

Non-intended use

No use other than that described in the **INTENDED USE** section is contemplated.



CAUTION

The manufacturer cannot in any case be held liable for accidents or damages resulting from non-intended uses of the product.



WARNING

Access to the closed, protected or internal parts of the product must be carried out only for ordinary maintenance operations and only after having read this documentation.



PROHIBITED

It is prohibited to use the product with partially disassembled components or with the drum cover not correctly re-closed after maintenance operations.



PROHIBITED

It is prohibited to modify or tamper with the components of the kit. The manufacturer assumes no responsibility deriving from inappropriate or unauthorised uses of the product due to user tampering or negligence.

WARRANTY

With this warranty, we undertake to guarantee that newly manufactured products (sails, sail canopies, poles, uprights and wall brackets) possess, at the time of delivery, the properties listed in the product description on our website.

WARRANTY TERMS

All products sold are covered by a 2-year warranty. The right to enforce remedies is time-barred after 26 months from the date of delivery, in accordance with the applicable legal terms. However, it is important to note that some products may benefit from an extended commercial warranty of up to 4 years. Where applicable, the additional commercial warranty of up to 4 years is not transferable and applies only to the first purchaser. Our liability under the commercial warranty ends at the moment the first purchaser transfers ownership of the product to another user. The commercial warranty neither replaces nor reduces the legal warranty.

The specific duration of the warranty for each product is indicated on the relevant product sheet on our website.

The warranty covers original non-conformity defects, i.e. those existing at the time of delivery, that appear within 2 years. Defects that appear within 1 year of the date of delivery are presumed to have been already present upon delivery, unless the seller proves otherwise; after 1 year from the date of delivery, in order to best manage the case, we may ask the consumer to send us, via the dedicated channels on our website, the order number, delivery date, a detailed description and photos and videos of the defect the product presents; without such documentation we may not be able to accurately assess remotely the type of assistance the consumer requires. In some cases, it may be necessary to send the product or parts of it for technical checks.

We undertake to repair or replace, free of charge, any defective item reported within this term, provided the defect appears:

- at delivery
- during assembly

A defect exists only when the value or usability of this product is significantly reduced.

We will remedy the product's manufacturing defects free of charge within a reasonable time from notification of the defect or, if this is not possible, we will provide a replacement.

The costs necessary for this purpose, in particular transport costs, are at our expense.

If repair or replacement are not possible or cannot be carried out correctly or in reasonable time, the consumer may request a price reduction or the termination of the contract under legal conditions.

With the exception of ordinary maintenance operations, any repair or modification made to the product by the user or by unauthorised companies causes the warranty to lapse.

The warranty does not extend to damage caused by carelessness or negligence in the use of the product, or by poor or omitted maintenance, or by failure to follow the instructions for use.

The warranty is valid only if the user does not change the prescribed tensioning systems and parts of the system.

THE WARRANTY COVERS

- non-conformity defects existing at the time of delivery, i.e. original product defects.

THE WARRANTY DOES NOT COVER

- sails/sail canopies damaged by wind / hail / snow
- sails/sail canopies burnt by sparks and/or proximity to heat sources of any kind
- waterproof sails/sail canopies deformed by water build-up because they were not properly tilted/closed
- poles damaged by improper installation
- poles damaged by improperly installed sails
- damage due to extreme weather conditions such as wind, snow, hail, storms, etc.
- damage and defects resulting from improper use
- damage and defects resulting from failure to follow the installation and use instructions
- damage and defects resulting from use of the products contrary to their intended purpose
- damage and defects resulting from accidents
- poles/sail canopies scratched or with surface corrosion and normal wear, unless the product is structurally weakened
- normal wear of the product due to exposure to sun and/or weather
- products on which the consumer has already attempted repair, which have been modified or which are no longer in the original condition in which they were sold
- incorrect installation
- poor maintenance

Attention! The following are not covered by the warranty and are not to be considered defects, as they are features of the handcrafted product:

- waviness near the seams
- waviness at the edges of the fabric
- waviness in the centre of the fabric
- compression and rolling creases
- micro-holes
- "chalk effect" streaks

Please note that the colours of the images of the sails/sail canopies may vary from monitor to monitor.

Due to the manufacturing process, the sails may deviate by up to 8% from the specified dimensions. The sails are measured from eyelet to eyelet and, unless otherwise ordered, are concave, curving inwards.

Depending on the chosen fabric, visible thermal sealings may be present at the edges of the panels composing the sail, necessary to guarantee greater fabric resistance.



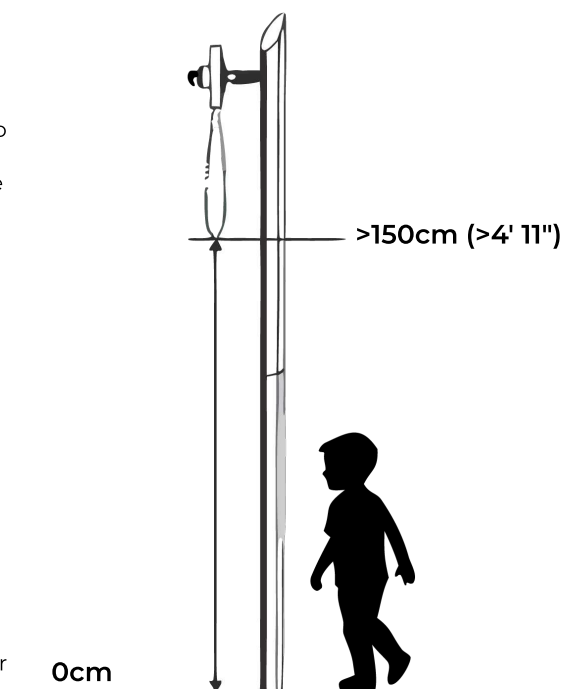
GENERAL SAFETY WARNINGS

- Anchors must be carefully selected according to the type of surface on which they will be installed and secured precisely and stably. In case of doubt, contact a qualified installer.
- Sails/sail canopies must not hang freely, as this can damage the fabric.
- Sails/sail canopies must not be stepped on, used as a hammock or trampoline, or used in any way other than that for which they are designed.
- Sails/sail canopies serve exclusively as protection from sun or light rain.
- Sails/sail canopies must always be dismantled/closed if they cannot be monitored in case of sudden storms.
- Since wind speed is not constant and gusts can reach very high forces, it is advisable to always dismantle/close the sail/sail canopy.
- Sails/sail canopies and load-bearing structures must be installed stably and safely, with the fabric subjected to good and uniform tension to reduce flapping in the wind.
- The fabric must be rigid and must not have any loose areas. Soft/non-tensioned fabric causes malfunctions that are the basis of future failures/breakages.
- If the fabric of the sail is loose and slack, it will cause premature damage due to mechanical breakage. This damage is not clearly attributable to UV rays and is not covered by the warranty.
- The sail/sail canopy will require periodic maintenance to ensure correct long-term functionality.
- Before installing the sail canopy on roofs and terraces, their load capacity must be carefully checked.
- Before installing your sail/sail canopy or load-bearing structure, check the urban regulations and restrictions of your municipality.



GENERAL PROHIBITIONS

- Do not install near heat sources > 60 °C (> 140 °F)
- Do not install near fireplaces, barbecues, sparks, very hot surfaces
- Do not leave the sail/sail canopy open in case of strong wind or storm
- Do not leave the sail/sail canopy open in case of hail
- Do not leave the sail/sail canopy open in case of snow
- Do not leave the sail/sail canopy open at below-zero temperatures
- Do not handle the sail/sail canopy at below-zero temperatures
- Do not hang objects from the sail/sail canopy or poles, do not tie animals to them, and do not use the structure as a climbing support
- Do not install the sail canopy in pedestrian/play areas, as the ballasted base can pose a tripping hazard.
- Do not use the product improperly
- Do not use the product for purposes other than those intended
- Do not replace parts and components of the product not recognised by Maanta by Bega
- Do not tamper with/modify the product
- Do not use the sail/sail canopy in environments subject to voltage fluctuations and frequent power cuts
- Do not use the sail/sail canopy with irregular power supplies that could block it during use
- Do not wet the electrical connections and the control device with water or other liquids
- Secure any loose lines by fastening them at a height greater than 1.50 m (>4' 11")
- Use by persons (including children) with reduced physical, sensory or mental capabilities, or insufficient experience and knowledge, is prohibited
- This product is not a toy, keep out of reach of children.
- This product may contain small parts, keep out of reach of children. Danger of ingestion and suffocation.
- Keep any plastic bags in the packaging out of reach of children. Suffocation hazard.



Section 3

Troubleshooting

Installation

Introduction

If any part of the documentation is missing, even partially, or illegible, consult the manufacturer before carrying out any further operation on the product.

Read this document carefully before handling, installing, using or maintaining the product. Pay particular attention to the safety rules and operating instructions described below.

For any intervention involving handling, installation, maintenance, adjustment, disassembly and reassembly, etc., the instructions in this manual supplement, but do not replace, the general occupational safety regulations in force in the location where such operations are carried out. In the event of a conflict between the instructions provided herein and local or sector regulations, the latter shall always prevail.

Any operation involving handling, installation, maintenance, adjustment, disassembly and reassembly, etc. must be carried out with a lighting system (natural and/or artificial) with a minimum illuminance value of 200 lux.

Keep this manual in a safe and accessible place. In case of loss or damage, you may request a copy from Bega S.r.l. Società Benefit.

CAUTION



The manufacturer declines all responsibility for accidents or damages resulting from improper use of the product, from insufficiently trained personnel, or from failure to comply with the instructions contained in this document. Violation of these instructions also causes the warranty to lapse.

WARNING



In the event of malfunctions or abnormal situations not described in this manual, contact technical support before intervening. Do not perform operations other than those indicated without first consulting the service.

Personal Protective Equipment (PPE)

During handling, installation and maintenance, use the following PPE depending on the risks present:

PPE	Description	When to use
	Gloves (CE-marked)	When operating in areas with loads, mechanical parts and components that can reach high temperatures, it is necessary to use CE-marked gloves as PPE that protect against all of the risks just analysed.
	Safety glasses	Required for all work in which there is a risk of potentially dangerous material being projected into the eyes.
	Safety helmet	Required for all work in which it is necessary to protect the back of the neck from dangerous material that may fall from above or be projected. Required to protect the neck from falls.
	Protective clothing	Complies with the essential safety requirements in force in the work environment where it will be used, capable of protecting the body from light mechanical risks.
	Safety footwear	Required for all work in which there is a risk of a potentially dangerous generic unit falling.
	Safety harness	Required for all work carried out at hazardous heights (above 3 metres [10 ft]).

Installation procedure

Furler side



Idler side



Important: the two components must be connected to the same diagonal of the sail.



1. Align the hole in the furler cover with the U-shaped recess.



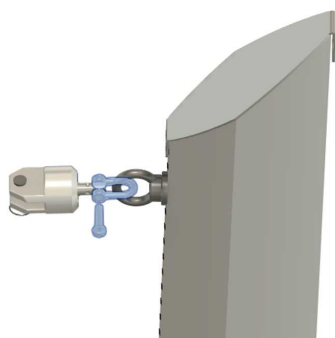
2. Insert the loop line into the groove.



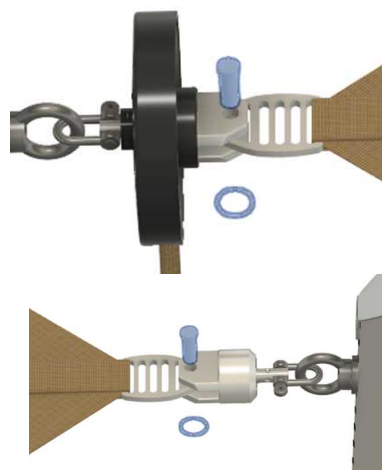
3. Rotate the cover until you complete the turn and obtain the loop line as shown in the image.



4. Attach the furler side to the support using the M5 shackle.



5. Attach the idler side to the support using the M5 shackle.



6. Connect the sail to the forks using the pin.

Troubleshooting

If the line slips in the loop when operating it, apply slight tension to increase the grip.

