Service Information

In case of questions or reclamations please fill out the information below, so that you have access to it when needed.

Umbrella Type/Size: ________________________________
Serial number: ________________________________
About this installation instruction:

Both your safety and the safety of others are paramount. Please read the following safety and installation instructions carefully before installation and use of your new umbrella. Keep them in a safe place for later reference. The installation instructions include important information regarding mounting, installation and implementation of the umbrella. Please notice all instructions and warnings to avoid unnecessary damage to people or property.

To ensure safe use of umbrellas, it is important to adhere to these safety instructions.

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The manufacturer excludes any warranty or liability for damage caused by improper use or non-adherence to these safety and installation instructions.

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Safety Note and Regulations:

**Designated Use:**
Umbrellas are designated exclusively for sun protection. The wind resistance of each umbrella in its opened state is limited to a certain wind force, depending on the type and size of umbrella and requires the fixing with the in-ground sleeve as per installation instruction. The stability of the umbrella might be substantially reduced when using a mobile base. Please refer to the literature enclosed with the goods for recommended foundation dimensions for the in-ground sleeves and weights for the employment of mobile bases or check on.

**Closing the Umbrella:**
We recommend closing your umbrella in windy and especially gusty conditions to prevent damage of people or property. Closing the umbrella at high wind speeds is to be avoided! Please note that the umbrella type FX has a maximum wind load of 40km/h.

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In windy and especially in gusty conditions, the umbrella must be closed! Unsupervised umbrellas must not be opened!
Ground Fixing:
The in-ground sleeve and the base plate need to be installed as detailed in the installation instructions enclosed with the goods. The installation must be carried out by a qualified engineer in accordance with local regulations.

Handling the Umbrella:

› Do not leave the parasol leaning unsecured against a wall. It could fall and cause damage or injury to people or property.
› The umbrella must not be modified or equipped with components other than those recommended. The stability and the functionality of the umbrella could suffer and the warranty expire.
› Only use the umbrella after you ensured that the umbrella is in perfect technical condition at all times. Check regularly for possible defects. Ensure that any defects are rectified by a qualified engineer using original components.
› Prior to opening and closing the umbrella, ensure that any obstructions are removed.
› Close the umbrella prior to gales, thunderstorms, heavy snowfall, strong rain, or hailstones.
› Keep children away from the opening and closing mechanism.
› Avoid any open flame near the umbrella.

Contents of Shipment:

- Top plate
- Top plate screw
- Crank handle
- Straight drive winder (optional)
- Umbrella in bubble wrap
- Protective cover (optional)
Location of the In-Ground Sleeve, Mobile Base or Base Plate:

Please be aware that the umbrella type FX has a side mast. Carefully select the precise location in which you intend to install the in-ground sleeve, mobile base or base plate for the umbrella. Ensure that the erected umbrella will have at least 20 cm clearance in every direction with regard to buildings, trees, fences, or any other objects.

If you are intending to use an in-ground sleeve with hinge, ensure that the hinge opens in the correct direction, i.e. towards an open space, so that the closed umbrella can be easily inserted.

The mobile base needs to be weighted with the layers and size of slabs mentioned in the instruction for this kind of fixing. It is absolutely necessary to comply with these requirements, otherwise the stability of the umbrella is reduced and may harm people or property. The warranty expires!

Moderate height compensation between several umbrellas is possible through the use of extended upper sleeves and appropriate distance pieces.

The safe fixing of the umbrella can be guaranteed with one of three ground fixings shown below. Due to special construction of the umbrella Type FX we strongly recommend using the in-ground sleeve or base plate as safest ground fixing.

Installing the Umbrella:

The umbrella is top-heavy. To avoid damage to both umbrella and property we strongly advise the installation with at least two or more persons (depending on the type and size of umbrella).

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Install the umbrella with 2 or more persons. Don’t drop the umbrella!
Do not leave the umbrella leaning.
Don’t drag the umbrella over pointed objects or grit!
Installation of the Umbrella with Sleeve/Base Plate or Mobile Base with Hinge:

(Picture a)
› Loosen both fixing- and clamping screw on the upper sleeve just enough so that the mast can easily slide in.
› Remove the sleeve screw that fixes the in-ground and upper sleeve together and flip the upper sleeve around by 90°. Place the upper sleeve on a soft bedding.
› Carefully insert the umbrella mast horizontally into the upper sleeve as far as possible.
› Fasten both fixing and clamping screw hand-tight.

(Picture b)
› Bring the umbrella to an upright position.
› Fix the upper sleeve to the in-ground sleeve with the sleeve screws. While doing so, the umbrella needs to be secured by a second person.
› Remove the protective cover
› Mount the top plate with the suitable top plate screw (which is already mounted on the top of the telescope) to the top of the umbrella.

The umbrella must never lie on the top plate when uninstalled.

![Don't drop the umbrella mast into the upper sleeve, but carefully insert it!](image)
Open the umbrella

› Remove the securing strap.
› Open the umbrella using either the crank handle supplied or a portable electric drill and Allen key bit. Ensure that you open the umbrella far enough for all segments of the membrane to come under tension, while keeping an eye on the stop screw at the top of the telescope to avoid over-tensioning. In case you are using a portable electric drill, do NOT use the “Drill" position. Use the torque limiter of the drill to prevent damage.
› Once the stop screw approaches the tip of the mast when opening the umbrella and on the final three to four turns when closing it, proceed winding by hand using the crank handle provided with the umbrella.

HAVE TO BE REMOVED!

› Please remove the blue foam material which is fixed on the umbrella to protect it from possible damages during delivery.

Aligning the umbrella

(Picture d)
› Align the umbrella with a spirit level or with vertical lines of the surroundings (e.g. buildings, lamp posts, etc.).
   Turn the umbrella within the upper sleeve till you have reached the desired position (the fixing and clamping screw need to be loose to do so).
› Once aligned, the fixing and clamping screw must be tightened.
› Drill force: M10x16 light (approx. 10 Nm) and M10x30 strong (approx. 40 Nm).

Only install the umbrella with no or low wind forces!
Never leave the umbrella with loose fixing or clamp screw.
Closing the umbrella:

› When closing the umbrella, keep an eye on the shear mechanism to avoid damage to the fabric! It must be ensured that the fabric does not come between the scissor mechanism and get stuck. Once the membrane fabric approaches the scissor mechanism, stop the closing process and pull the fabric out again, now you can continue the closing process until the umbrella is completely closed.
› Fully close the umbrella as described above with the crank handle provided or with an electric portable drill, using an Allen key bit.
› Pull out the membrane fabric from between the arms of the closed umbrella, and wrap them around the umbrella. Then use the elastic strap to secure the membrane against fluttering.

If the umbrella is not to be used for some time, we recommend using a protective cover (if available). Please ensure that the membrane is absolutely dry before fitting the protective cover so as to avoid the formation of mould.

For storage during winter, we recommend a dry place. If the umbrella is to be left installed when not used, a protective cover must be used so the umbrella stays dry.

In windy and especially in gusty conditions, the umbrella needs to be closed! Unsupervised umbrellas must not be opened!

To avoid the formation of mould, the umbrella needs to be completely dry before the securing strap and the protective cover are fitted!
We thank you for the trust you have placed in our products and wish you many years of joy with your umbrella.