

## **Instructions for use** for end customers

# **LEINER** **Awnings**

*Congratulations!*

*You have chosen a quality product made by LEINER. Please read these instructions before using the product to prolong your enjoyment of your purchase.*

*We hope your awning will provide you with shelter for many happy hours.*

*Kind regards,  
LEINER GmbH*



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## Contents

<b>1.0</b>	<b>General information .....</b>	<b>2</b>
1.1	Guide to symbols .....	2
1.2	Safety.....	3
1.3	Wind force limit .....	3
<b>2.0</b>	<b>Operation.....</b>	<b>4</b>
2.1	Electric motor operation.....	4
2.2	Crank handle operation .....	5
<b>3.0</b>	<b>Care &amp; maintenance .....</b>	<b>6</b>

### 1.0 General information

- Please read the instructions for use through carefully before using the product for the first time.
- Keep the instructions for use and the assembly instructions until the awning is disposed of.
- If you sell the awning, please pass the instructions for use and the assembly instructions to the new owner.

#### 1.1 Guide to symbols

Some symbols are used in these instructions to facilitate their use and to flag up important points.

<i>Symbol</i>	<i>Explanation</i>
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**Safety alert!**  
Warning of possible injury or property damage



**Safety alert!**  
Warning of possible injury or property damage due to electrical components

- Bullet points are used to list individual points which are to be carried out in the sequence listed.



Information about the use or assembly of the awning

## 1.2 Safety

This awning is designed and built to the latest standards and specifications in the industry. Nevertheless, incorrect operation of the product can cause serious injury or damage to property.



Do not use the product except for its intended purpose and unless it is in perfect condition. Faults must be repaired immediately by trained professionals.

### Requirements



- Keep the instructions for use.
- Heed all the safety notices and warnings on the product.
- Do not modify or alter the product or fit attachments to it.
- Do not have spare parts fitted which are not supplied by LEINER.

### Intended use

- Assembly, servicing and maintenance work may only be carried out by qualified professionals.
- Use all the brackets supplied for the assembly process for the mounting surface (the mounting surface must be as specified in the order).
- The awning must be fitted high enough so as not to endanger people when it is extended.
- There must not be any obstructions in the operating radius of the awning.
- The awning may only be operated within the field of vision of the operator.
- The awning is intended as a sunblind (except for the SUNRAIN models which can also provide protection from the rain up to rain resistance class 2 (56 l/m<sup>2</sup> h) **when fully extended**, at a minimum angle of incline of 5°/7.5°).
- Do **not** extend the awning in freezing conditions, snow or strong winds (> force 5).
- If the awning is covered with ice, do not retract it until the ice has melted.
- If it starts to snow, remove the snow from the awning and retract it immediately.
- Retract the awning if you go out.
- If the canvas is damp or wet, extend the awning as soon as possible to dry out in order to prevent mould formation.
- Do not fit any additional weights to the awning.
- Use the product as directed in these instructions for use and in the technical specifications.
- The use of a wind sensor is not permitted with the use of a WPS system!



Any departure from the intended usage as specified above shall be deemed improper. LEINER shall not accept liability for any damage arising as a result of non-compliance in this regard.

## 1.3 Wind force limit

The awning meets the requirements for wind class 2 as defined in the CE mark of conformity. The wind class may change after installation depending on the type and number of fasteners used and on the actual mounting surface.

The awning may only be used in winds meeting the resistance class specification stated by the installation company. This will not necessarily be wind class 2.

## 2.0 Operation



### Risk of injury!

Risk of crushing and damage to property

- Make sure that the operating radius of the awning is clear of persons and objects.
- Make sure that children do not operate the awning and, where applicable, the remote control (radio-controlled motor).
- Do not reach into the awning while it is moving in or out and do not pull on it.
- If a VARIO VALANCE is fitted, retract it before operating the awning.
- Do not hang weights on the awning.



### Risk of damage!

The awning may be damaged by freezing conditions, snow or strong winds.

- Do not extend the awning if it is snowing.
- Retract the awning immediately in winds exceeding the force limit specified by the fitter. We also recommend fitting a wind sensor on motorised systems (**not in conjunction with the use of WPS**).
- Do not retract an awning which is covered in ice.
- Remove foliage and other debris from the awning before retracting it.
- Switch automatic controls, where fitted, to manual mode if you go out.
- It is advisable to have an emergency manual drive in very windy areas.



### Risk of damage!

If the awning canvas is damp or wet, it must be extended to dry out as soon as possible otherwise mould will form on the canvas.

## 2.1 Electric motor operation



LEINER also recommends fitting a wind sensor on awnings with an electric motor (**not in conjunction with the use of WPS**).



### Risk of injury!

Caution! Risk of electric shock!

Work on the electrics may only be carried out by professional electricians.

The general codes of engineering practice must be adhered to.

The installation must be VDE-compliant and EMC-compatible.



### Risk of damage!

The electric motor fitted in the product is **not** designed for continuous duty. If it overheats, it will cut out automatically regardless of the position of the awning. In strong winds this can result in the destruction of the awning.

### Extending the awning

Press the push-button or the remote control to extend the awning.

- The end position is reached when the motor automatically stops.

### Retracting the awning

The awning is retracted by the same means as it is extended.

- Similarly, the end position is reached when the motor automatically stops.



Any changes to the factory end position settings must be undertaken by a professional firm. The procedure is as directed in the instructions provided by the relevant motor manufacturer.

If the system is also fitted with a sun/wind sensor, it will extend and retract automatically according to the settings.

## 2.2 Crank handle operation



### Risk of damage!

The awning may be damaged if it overruns the end position!

- Retract the awning as far as the end position only.
- Stop turning the crank handle when the awning has reached the end position.

### Extending the awning

Turn the crank handle clockwise until the awning is fully extended.

- The end position is reached when the folding arms reach the limit of their travel.
- The crank handle can be turned a little anticlockwise to reduce sagging.

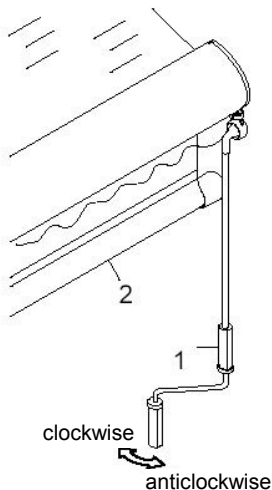
### Retracting the awning

Turn the crank handle anticlockwise until the awning is in.

- The end position is reached when the crank handle will turn no further.

## 2.3 Operating the Vario valance (optional)

The Vario valance is extended and retracted with the crank handle.



Note the direction of rotation of the crank handle. The valance rolls up easily when retracted. If you feel some resistance, please turn the crank handle in the other direction, otherwise the canvas will jam in the Vario valance profile.

Proceed as follows:

- Place crank handle (1) in the valance hook fitting.
- Extend or retract valance (2) by turning the crank handle.



### Direction of rotation of crank handle:

To extend Vario valance: anticlockwise  
To retract Vario valance: clockwise

### 3.0 Care & maintenance

**Risk of injury!**

Make sure that motor-powered awnings are disconnected from the power supply during cleaning and servicing work to prevent them from being extended inadvertently.

The acrylic fabric has a water-repellent coating. The care instructions for the fabric are as follows:

**Minor stains:**

- Remove with a colourless eraser or brush out without wetting the fabric.

**Major stains:** (see also "Guidelines for cleaning and maintenance of awning fabrics" under [www.leiner.de](http://www.leiner.de))

- Scrub by hand at 30°C with standard detergent and a soft brush.
- Rinse out several times with clear water.
- Repeat process until the fabric is clean and without residues.
- Allow fabric to dry.
- Treat acrylic fabric with tent waterproofing spray if necessary.

**Low-maintenance mechanism**

- Wipe the rods and bars with a damp cloth if necessary. Do not use abrasive cleaning agents.
- Check the mechanism, chain tension and screw fittings in the spring and autumn. Lubricate hinges and chain hoist if necessary, e.g. with industrial grade Vaseline.
- SUNRAIN awnings: We recommend lubricating the rollers on the gliders and the crossbars in the rope guide roller annually. Use rope and chain spray lubricant for this (art. no.: C01EL411080).

**Risk of damage!**

Inspect the awning regularly for signs of wear or damage on the cable. Arrange for any damage to be repaired immediately by the approved stockist as awnings which are in need of repair may not be used.

**Faults**

Awnings with sun/wind sensor function may not be extended beyond the wind speed setting in extreme wind conditions - not even by hand.

- Please contact your local stockist if problems arise.

**Spare parts & type plate**

Spare parts are available from your local stockist.

- Please identify the relevant part in the diagram in the assembly instructions.
- Tell your stockist the name of the part and the details on the type plate.