



Giotto/Giotto Plus



GIOTTO



GIOTTO PLUS

use and maintenance
instructions manual

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1 Introduction

This manual is an integral part of the awning and is intended for the user; it is the basic instrument for a proper use and maintenance of the product. IT IS forbidden to remove, rewrite or in any change the pages of this manual or its contents.

This manual must be kept complete in all its parts in an easily accessible place until the awning is disposed of. If the manual is lost or destroyed in any way, the customer must request a new copy from the dealer, providing the main information about his product and the address where the new copy is to be sent.

The manufacturer reserves the right to update the manufacturing and manuals, with no obligation to update previous manufacturing and manuals.

The manufacturer reserves all rights on this manual. It may not be reproduced in any way, wholly or in part, without the manufacturer's written authorization.

Any tampering or modification to the product without due authorisation from the manufacturer will exempt the latter from any responsibility for damage that may derive thereof.

1.1 Symbols used in the manual

The WARNING symbols used in the manual are shown below.



INFORMATION AND PRECAUTIONS

Useful suggestions and instructions to ensure proper installation and preservation of the awning. Failure to observe these messages may compromise the integrity and/or the resistance of the product.



WARNING

DANGER TO THE OPERATOR! Instructions to be evaluated and followed carefully. Failure to comply with these messages may compromise individual safety.

2 Safety

2.1 General safety information

- In the event of rain, wind or snow, close the awning completely. Danger of accidents for people or damage to objects.
- IT IS absolutely forbidden to remove the safety devices installed on the awning (see Chapter 2.2 "Safety devices").
- If the awning is motorised, it is opened and closed by the pressure applied to a switch and/or by using a radio control: both must be placed OUT OF THE REACH OF CHILDREN.
- Make sure that while opening/closing the awning, nobody is near to the awning's range of action.
- Do not set objects on the canvas of the awning.
- IT is prohibited to stand on or hang from the awning: This would create the risk of severe personal injury, as well as damaging the awning.
- For any doubts please consult the dealer BEFORE using the awning.
- The user must not carry out any operations or work on the awning of his own initiative that are not his responsibility (see Chapter 3.2 "Foreseen and context of use" and Chapter 6 "Maintenance").
- Any tampering or modification to the product without due authorisation from the manufacturer will exempt the latter from any responsibility for damage that may derive thereof.
- The user must promptly inform the dealer if he should find any defects and/or malfunctions of the safety devices, or if any dangerous situation should occur.
- All maintenance and cleaning operations must be carried out with the power supply detached.
- Installation operations and first start-up, regulation and extraordinary maintenance must be carried out solely by specialised, technical staff qualified for said tasks. Contact Technical Assistance.

2.2 - Safety devices

(OPTIONAL)

WIND GAUGE SENSOR: in the event of strong winds, the awning closes automatically. The intervention level of the wind sensor (anemometer) is registered during the initial start-up procedure, as described in the Installer's Manual.

(OPTIONAL)

RAIN GAUGE: in the event of heavy rain, the awning closes automatically. The intervention level of the instrument that measures the rainfall in a determined period of time (rain gauge), is registered during the initial start-up procedure, as described in the Installer's Manual.

(OPTIONAL)

EMERGENCY SWITCH: in the event of a power outage, you can roll up the awning with the emergency hoist.

2.3 - Residual risks

RISK OF IMPACT with the terminal of the awning closing and opening. You must install the product at a **minimum height of 2500 mm**. If that were not possible, and the awning has automatic mechanisms (ex. wind gauge, rain gauge sensors, etc.), the Manufacturer is required to install an **audible warning device**.

3 Awning description

The sun awning for roof-top apartments and porches can be installed singly or in modules. The mechanism is motorised; on request the wind sensor (anemometer), the rain gauge and the twilight sensor can be installed.

3.1 - Components

The awning has a metal framework and a canvas.

- **Metal framework:** this is the bearing structure, containing the various mechanisms for opening and closing the awning. It comprises a frame with guide section bars (A - Fig. 1) inside which the canvas, a terminal bar (B-Fig. 1) and a winder tube.
- **Canvas (D - Fig. 1):** the canvas covers and protects the awning.

The awning model has frontal columns (C - Fig. 1) and the windbreaker roller (E - Fig. 1).

The manufacturing materials ensure a good resistance to wear caused by use and atmospheric agents.

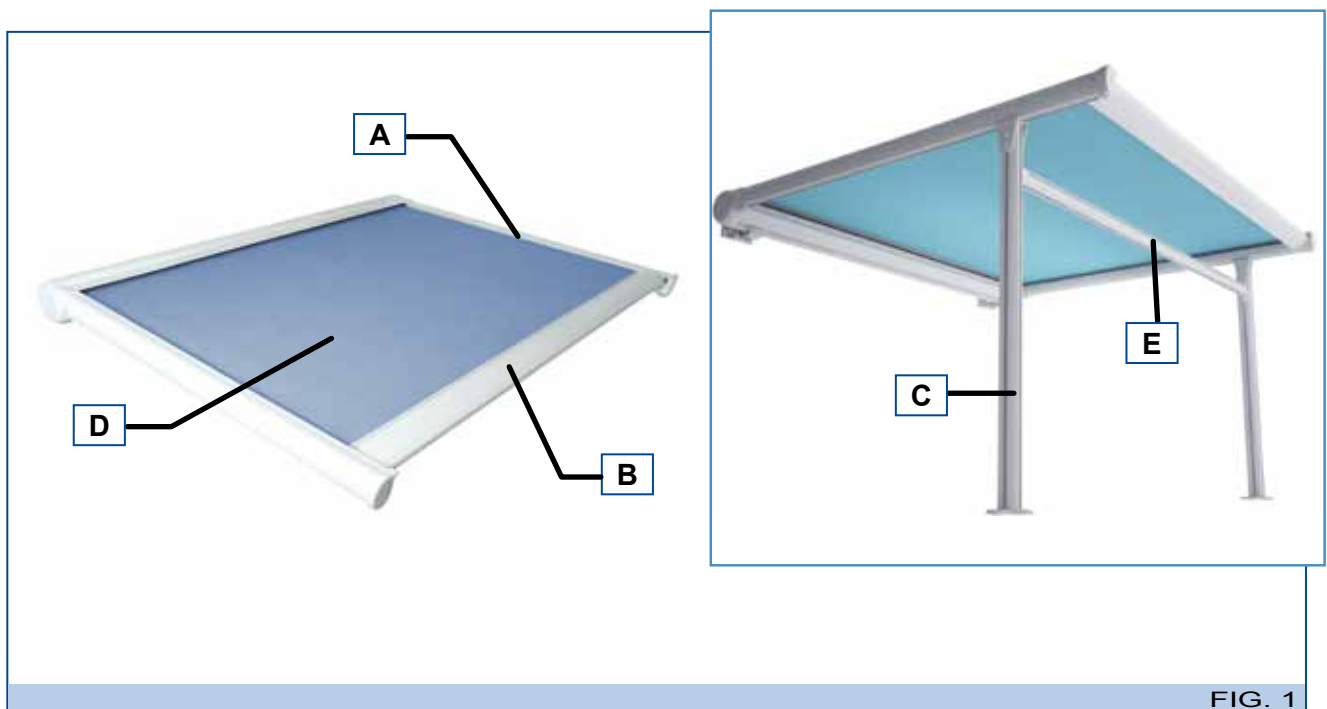


FIG. 1

3.2 - Foreseen use and context of use

The awning serves to protect from sunrays and to regulate any glare directly underneath it; the product, on pre-set installation, is exclusively destined for raising and lowering the fabric for reaching and staying at the maximum opening or maximum closing positions, and possibly also intermediate positions.

The awning must only and exclusively be destined for the use as indicated above, even if it is packaged with waterproof canvas or PVC material. The awning can be used by non-professional operators so long as they are **adult users**.

WARNING

ANY OTHER USE other than the one above is forbidden, as the relative working conditions may cause risks for people.

È VIETATO utilizzare la tenda come base d'appoggio per gli oggetti e/o come sostegno per le persone.

Any improper use exempts the manufacturer from any responsibility for any damage caused to people or objects. **Non observance of conditions of use will automatically cancel any warranty granted by the manufacturer.**

WARNING

INSTALLING the motorised product is strictly prohibited in explosive environments.

WARNING

In the even of extremely rain, wind or snow CLOSE the awning completely. Danger of accidents for people or damage to objects.

INFORMATION AND PRECAUTIONS

Using the awning in icy conditions may damage it!

The product can be installed above the minimum height of **2500 mm** from the ground; if there is an opening/closing switch (for motorised awnings only), it must be positioned in a protected place, at a minimum height of 1500mm from the ground, in an area that can be accessed without danger.

WARNING

Use a locking switch (with key) if the awning is installed in sensitive buildings, e.g. schools, colleges, hospitals, clinics, etc.

If the awning has a radio control unit, it must kept out of reach of children.

The radio control can also be used in the open, on the condition that the system has a protection degree of IP55. The space available when installation takes place must take the breadth of movements into consideration, and to allow fully extended opening of the awning.

WARNING

IT is forbidden to install or place ladders or other fixed items near to the awning, as much as the space needed for awning is limited.

3.3 - Technical data

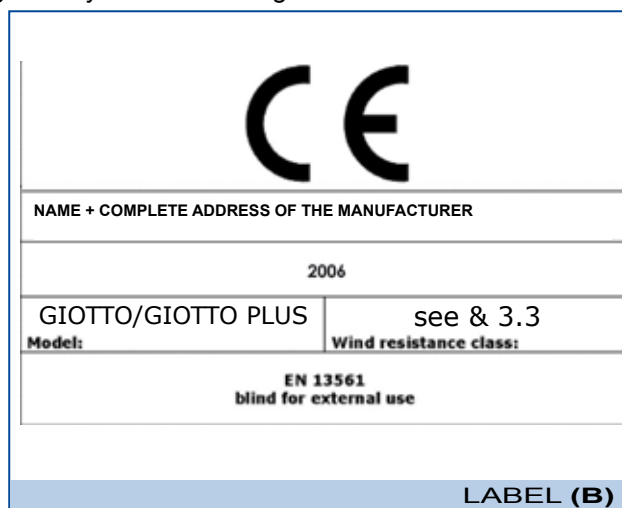
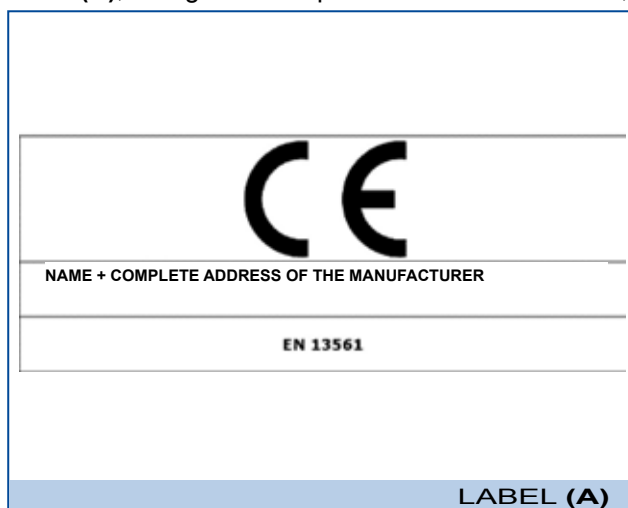
Overall dimensions and weight	GIOTTO	GIOTTO PLUS
Width (cm)	500	500
Projection (cm)	400	500
Approx. weight (kg)	120-130	120-130
Blind roller Ø (mm)	80	80

Performance and safety in accordance with UNI EN13561:2004	GIOTTO	GIOTTO PLUS
Wind resistance class	1	1
Nominal test pressure p (N/m ²) $\alpha=1$	40	40
Motor (if installed)		
Type	see manual relative to the installed motor	
Features	EC marked; approved for awnings	

For the features of the optional accessories, see Chap. 8 "Optional Accessories" and the relative instructions.

3.4 - Label

Label (A), showing information about the manufacturer, is generally applied to the inside of the end-piece.
Label (B), listing the main product features and data, is generally delivered along with the sales documents.



4 Awning transport and installation

4.1 - Awning transport

Moving and transport operations are the dealer's and/or the manufacturer's responsibility, who undertakes to transport the product using suitable packaging for preserving the product's integrity until it is delivered to the customer.

Damage to the product caused by dismantling of the awning and later movements and/or transport carried out after installation is not covered by the warranty.

The packaging material must be disposed of and/or reused according to the current laws in force in the country where the product will be used.

4.2 - Awning installation



WARNING

Component assembly, product installation and start-up must be carried out solely by specialised, qualified technical staff, and are the responsibility of the dealer and/or manufacturer.

All the instructions and main safety regulations to carry out these operations can be found in the "Assembly and installation instruction manual".

The position chosen by the user to install the product must have a suitable capacity and space required for fully opening the awning (see "Assembly and installation instruction manual").

5 Use of awning

WARNING

Before using the awning, read Chapter 2 “Safety” and Chapter 3.2 “Foreseen use and context of use” carefully.

WARNING

Make sure that while opening/closing the awning, nobody is near to the awning’s range of action.

WARNING

In the event of extremely rain, wind or snow close the awning completely. Danger of accidents for people or damage to objects.

- Use the awning only as protection from sun and for the purposes illustrated in this manual in Chapter 3.2 “Foreseen use”.
- IT IS severely forbidden to climb onto or hang from/place items on the awning.
- If any mould appears, clean the fabric as indicated in Chapter 6.2 “Cleaning the device”.

WARNING

Opening the awning must always be from the top down and never vice versa. Danger of breakage of the awning and consequent risk of serious injury for people.

In the event of malfunctioning, please contact the dealer.

Opening and closing the awning can be carried out by:

- a SWITCH, installed close to the awning and in a position that allows the user total visibility of the awning’s movements. If placed outside, the switch must be suitably protected;
- remotely by a RADIO CONTROL, which is portable or wall mounted.

The characteristics and function of these systems are described in the manuals, supplied attached, referring to the Motor, the Automatic Devices and the requested Controls.

6 Awning maintenance

WARNING

All maintenance and cleaning operations must be carried out with the power supply detached.

Before starting up the awning, read chapter 2 “Safety” carefully.

Installation operations and first start-up, regulation and extraordinary maintenance must be carried out solely by specialised, technical staff qualified for said tasks. Contact Technical Assistance.

6.1 Troubleshooting, causes and solutions

WARNING

In the event of breakdowns or search for faults, please observe the safety instructions; in particular, during searches or repair of any electrical parts, there is a danger of fatal electrical discharges. MAINTENANCE ON ELECTRICAL PARTS MUST BE CARRIED OUT SOLELY BY QUALIFIED STAFF.

In the event of any problems not listed in the tables, contact Technical Assistance.

without electronic control centre

PROBLEMS	CAUSES	SOLUTIONS
Conical winding of canvas	Incorrect guide alignment Non-uniform canvas thickness	Contact Assistance. Fully rewind canvas
The awning does not rewind completely. The awning does not open completely.	Mistaken limit-switch regulation Motor crown moving with movement	Contact Assistance. Contact Assistance.
The motor is extremely noisy	Cabling error Motor breakdown	Contact Assistance Contact Assistance.
The motor blocks after 4-5 minutes of continuous running	Intervention of motor's thermal protection	Leave the motor to cool down for a few minutes

With electronic control centre

PROBLEMS	CAUSES	SOLUTIONS
The awning does not move	Broken fuse Cabling error	Contact Assistance. Contact Assistance.
The awning moves in an irregular manner (winds out for 50 cm, then stops, etc).	Wind gauge broken	Contact Assistance.
The awning does not wind out due to the strong wind	Broken fuse Wind gauge broken	Contact Assistance Contact Assistance.
The awning does not wind out due to the heavy rain.	Broken fuse Rain gauge broken	Contact Assistance. Contact Assistance.
The awning opens and closes alone with the radio control.	Empty battery	Replacing battery in the transmitter (see Instructions for Controls)

6.2 · Awning cleaning

WARNING

All maintenance and cleaning operations must be carried out with the power supply detached.

Cleaning the canvas is necessary to prevent the formation of mould caused by the deposit of dust or other materials on the canvas itself; it can be carried out by removing the dust using a vacuum cleaner or a damp sponge or cloth. Leave the canvas to dry after cleaning.

Cleaning with ladders, platforms or similar is only possible for specialised staff who must carry out the operations in full observance of safety laws and who must use personal protection equipment, such as safety harnesses with holding ropes.

WARNING

Do not use solvents - ammonia - hydrocarbons.

6.3 - Routine maintenance

WARNING

All maintenance and cleaning operations must be carried out with the power supply detached.

The operations described below, if carried out within the timescales indicated, allow the product to be maintained in a good condition.

Twice a year, before and after summer use

The canvas must be visually checked to see if there are any tears or rips in seams: in spring, before summer use and in the autumn, before winter closing.

Each year, before summer use.

Lubricate the moving parts with lubricant silicone oil:

- The terminal carriage wheels (F - Fig. 2).
- The cover on the opposite side to the control (motor) (G-Fig. 3).

WARNING

Oil the moving parts every 3 months.



6.4 - Extraordinary maintenance

EXTRAORDINARY maintenance carried out year by Technical Assistance at least every two years is **compulsory**. *Εφ' ἑσ' ἂν ἴσ' ἄρρηθ' οὐτ, τῆε ὠαρραντῆσ ὠιλλ' νο λογγεσ βε παλιδ.*

WARNING

All extraordinary maintenance operations must be carried out by professionally qualified, trained staff. Request specialist intervention from Technical Assistance. See the assembly, installation and laying instructions for dismantling the awning or parts of it.

Use original spare parts, otherwise the warranty will no longer be valid.

Requests for spare parts must be sent to the dealer who sold the awning to you.

7 Dismantling and disposal of the awning



WARNING

The awning must be dismantled by professionally qualified and trained staff. Request specialist intervention from Technical Assistance.

Operations must be carried out with the awning fully pulled up.

Remove the power supply to the system, disconnect the system downstream of the switch, disconnect the motor, unblock the supports and remove the awning from the supports.

The awning is not made from hazardous materials; no special indications are given for disposal or scrapping. Follow the regulations in force at the time when the awning is to be disposed of.

8 Optionals

The awning foresees the following optionals on request:

- **Wind gauge:** sensor for strong winds;
- **Rain gauge:** sensor for heavy rain;
- **Twilight sensor:** sunlight sensor;
- **Emergency Switch:** lets you close the awning if there is a power outage.

The characteristics and function of these optional accessories are described in the manuals, supplied attached, referring to the Motor, the Automatic Devices and the requested Controls. Installation is described in the "Assembly and installation manual".



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