



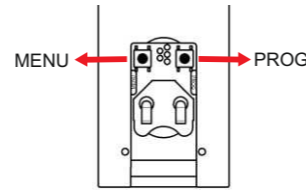
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Dear Customer,
thank you for purchasing a STAFER S.p.A. product. This guide contains all the information you will need concerning the use of this product. Read the instructions carefully and keep them for further consultation. The transmitter is designed specifically to control sun awnings, blinds, roller shutters, screens or similar items. All other use beyond the field defined by STAFER S.p.A. is forbidden. This, as well as the breach of the instructions given in this guide, shall release STAFER S.p.A. from any liability and shall annul the product warranty.
Water, humidity, heat sources, accidental falls can damage the device. Do not use abrasive products or solvents to clean the product.

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WARNINGS FOR USE

- ✓ The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised or given instructions on how to use the product by a person responsible for their safety.
- ✓ Before operating the roller shutter/awning, make sure there are no people or objects in the area involved in its movement. Check the automation during movement and keep people at a safe distance, until the movement ends.
- ✓ Do not allow children to play with the appliance or with the fixed control devices. Also, keep the portable control devices (remote controls) out of the reach of children.
- ✓ Do not operate the roller shutter/awning when maintenance operations are being carried out (e.g. window cleaning). If the control device is automatic, disconnect the motor from the power line.

1. FUNCTIONS ASSOCIATED WITH THE TRANSMITTER BUTTONS

Basic functions

- ▲ up
- stop
- ▼ down
- ◀ channel prev
- ▶ channel next

Special functions

- ↻ right orientation
- ↻ left orientation
- ☀ sun function
- ☰ third switch

Programming function

- MENU Access to the receiver menu
- PROG transmitters insertion-cancellation

Intermediate position (third limit switch)

- To store:** Bring motor in a desired position. Press simultaneously STOP and THIRD LIMIT SWITCH until the motor moves (about 5 seconds).
- To recall:**

- ☰
- LOOK OUT!** With the shutter type «ADJUSTABLE SLATS» THIRD SWITCH corresponds to shutter down with the slats completely closed. Pressing instead DOWN button the shutter closes and the slats are open.

Sun/automatic lowering function (with wind-sun or wind sensor)

- ◀ ▶ Select the channel (excluded «SE» sequencer channel)
- ☀ Press SUN until the state of the YELLOW LED varies (about 2 seconds)
- ☀ ● YELLOW LED LIGHT ON/OFF: «sun/automatic lowering» function active / off

With a wind-sun sensor this function active the sun function.
With a wind sensor this function active «automatic lowering» of awning when the wind alarm is ended.

For clarifications, consult the manual of your wind-sun sensor.

Notes:

- It is possible that some receiving devices do not associate any operations to some transmitter buttons.
- It is possible that some receiving devices associate to the transmitter buttons some operations different from what it is described. In this case consider the instruction manual of the receiving device.

2. ENABLING/DISABLING CHANNELS FOR 594.T.X5.00 (TO HYDE ON DISPLAY)

- A**
- Press STOP and then MENU and hold the buttons for about 3 seconds, until the **ch** symbol is displayed.

- B**
- Press STOP. **01** will appear on display.

- C**
- if RED LED IS ON: channel disabled. if YELLOW LED IS ON: channel enabled.

- D**
- Press STOP to modify the setting.

- E**
- ◀ ▶ If necessary, select another channel/group and return to point C.

- F**
- 2x MENU To exit, press twice MENU or wait about 15 seconds (the display switches off).

Technical specifications

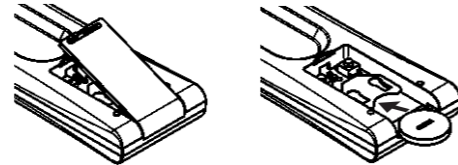
- Power supply: n° 1 battery CR2032
- Dimensions: 46x147x16 mm
- Weight: 50 gr
- Working temperature: from 0 to +55°C
- Radio frequency: 433.42 Mhz
- Radio channel for 594.T.X1.00: 1
- Radio channels for 594.T.X5.00: 10 + sequencer channel

Package contents

- 1 transmitter
- 1 battery CR2032
- 1 wall bracket
- 2 dowels + 2 screws
- 1 instruction guide

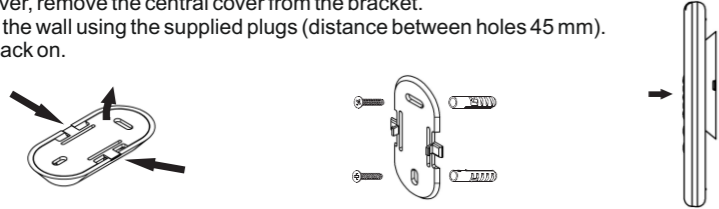
Battery insertion/replacement

The transmitter is powered by a battery CR2032. To insert the battery, remove the battery cover on the back of the transmitter, insert the battery respecting the polarity, close the cover. Use of batteries different than those referred can cause an explosion hazard. Used batteries must be discarded in appropriate containers. It is recommended to replace the battery every 2 years.



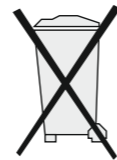
Fixing the wall bracket

Using a screw driver, remove the central cover from the bracket. Fix the bracket to the wall using the supplied plugs (distance between holes 45 mm). Place the cover back on.



Disposal

At the end of the product life cycle, dispose of the device in compliance with local regulations. This product could contain substances that are harmful to human health and the environment: do not dispose of the product in domestic waste.



Notes on radio systems

Do not use radio systems in places with strong interference (for example, near police stations, airports, banks, hospitals). It is in any case advisable to carry out a technical inspection prior to installing any radio system in order to identify possible sources of interference.

Radio systems can be used where any disturbances or malfunction of the transmitter or receiver do not constitute a risk factor, or if such factor is eliminated using appropriate safety systems. The presence of radio devices working at the same transmission frequency (433.42 MHz) may interfere with the radio receiver and reduce the range of the system, limiting functionality.



Warnings For Safety

- ✓ Keep these instructions for future maintenance work and disposal of the product.
- ✓ All the product installation, connection, programming and maintenance operations must be carried out only by a qualified and skilled technician, who must comply with laws, provisions, local regulations and the instructions given in this manual.

Warnings for the installation


- ✓ Read the technical data in "Technical Specifications" to assess the limits of use of the product.
- ✓ Check that the package is intact and has not been damaged in transit.
- ✓ Make sure that the packaging is intact and has not been damaged during transportation.
- ✓ A heavy knock and the use of unsuitable tools can cause the damage of the external or internal parts of the motor.
- ✓ Do not modify or replace parts without the manufacturer's permission.
- ✓ Non utilizzare prodotti abrasivi né solventi per la pulizia del prodotto; non pulire utilizzando pulitori a getto d'acqua o ad alta pressione.

3. DELAY ASSOCIATED TO THE SEQUENCER CHANNEL (only 594.T.X.00)

The «10 channels transmitter» have a virtual channel called sequencer «SE», which send the selected command in succession for all the active radio channels. To select the **Sequencer**, scroll the list of channels until **SE** symbol appears. It is possible to set the interval (from 1 to 10 sec) of time which must pass between the transmission on one channel and the next. The factory sets the delay at 1 second. The use of high intervals of time can negatively effect on the battery life.


To modify the setting:

A




Press STOP and then MENU and hold the buttons for about 3 seconds, until the symbol **ch** is displayed.

D



Use PREV and NEXT to set the required value.

B




Press NEXT. The **Sd** symbol appears on the display.

E



Press STOP to save the setting.

C



Press STOP. The currently set value appears on the display (from 01 to 10 sec).

F




To exit, press twice MENU or wait about 15 seconds (the display switches off).

4. RECEIVER MENU

After storing a radio channel of the transmitter on a receiver, it is possible to modify some operating parameters of the receiver directly from the transmitter. To identify the editable settings, refer to the instruction manual of the receiving device.

To modify an operating parameter:

A




Select the channel associated to the receiver.

D




Press STOP. The receiver will show the current value of the parameter.

B




Press MENU on the transmitter for about 5 seconds, until **rS** symbol appears.

E



Use PREV and NEXT to set the new parameter value.

C



Use PREV and NEXT to select the code of the parameter to edit (see table).

F



Press STOP. The receiving device shows the new value of the parameter.

RECEIVER CODE FUNCTIONS

- 01 - wind threshold
- 02 - sun threshold
- 07 - working time
- 08 - «air change» function
- 11 - fabric release
- 12 - orientation time
- 16 - anemometric test
- 17 - radio test
- 18 - buttons logic
- 29 - receiver reset**

It is possible to exit the «receiver menu» at any time by pressing the button **MENU** briefly.

On the next section, the operations to be performed to modify the parameters are described.

CONVENTIONS USED IN THE EXAMPLES:

- On the following example with ▲ is indicated a short upward movement (example: ▲ 3 = 3 short upward movements of the motor).
- On the following example with ▼ is indicated a short downward movement (example: ▼ 1 = 1 short downward movement of the motor).
- Some receiver may display the settings in another way (i.e. not with motor movements, but with visual and acoustic signals) or not display the settings. In these cases, refer to the instruction manual of the receiver.

4.A - Modification of Function 01 - WIND THRESHOLD

It's NOT possible for sensor 593.K.XB.00 (in this case you can modify only by buttons on sensor).

With 593.K.XS.00 is necessary a «10 channels» transmitter.

01. Select the correct radio channel and bring the motor on the intermediate position.
02. If you have 593KXS00 you must store the sun-wind sensor in a free channel of transmitter (read manual of sun-wind sensor at the section 6) and select this channel.
03. Press **MENU** for about 5 seconds. **rS** appears on the display.
03. Press 1 time **NEXT**. 01 appears on the display.
04. Press 1 time **STOP**. The receiver signal the new value.
Examples:
if threshold = 08 Km/h: ▲ 8 (8 short movements)
if threshold = 15 Km/h: ▲ 1 - pause - ▲ 5
if threshold = 30 Km/h: ▲ 3 - pause - ▲ 1 long
05. Using **PREV** and **NEXT** to set the new value. (from 5 Km/h at 35 Km/h. From factory set to 15 Km/h).
Examples:
for threshold 08 Km/h: (0 time PREV) - 8 times NEXT
for threshold 15 Km/h: 1 time PREV - 5 times NEXT
for threshold 30 Km/h: 3 times PREV - (0 time NEXT)
07. Press 1 time **STOP**. The receiver signal the new value.

4.B - Modification of Function 02 - SUN THRESHOLD

It's NOT possible for sensor 593.K.XB.00 (in this case you can modify only by buttons on sensor).

With 593.K.XS.00 is necessary a «10 channels» transmitter. You must before active the «sun function» on transmitter on motor channel (read the section number 1 of this manual).

01. Select the correct radio channel and bring the motor on the intermediate position.
02. If you have 593KXS00 you must store the sun-wind sensor in a free channel of transmitter (read manual of sun-wind sensor at the section 6) and select this channel.
03. Press **MENU** for about 5 seconds. **rS** appears on the display.
04. Press 2 times **NEXT**. 02 appears on the display.
04. Press 1 time **STOP**. The receiver signals the current value
Examples:
if threshold = 07 Klux: ▲ 7 (7 short movements)
if threshold = 18 Klux: ▲ 1 - pause - ▲ 8
if threshold = 20 Klux: ▲ 2 - pause - ▲ 1 long
06. Using **PREV** and **NEXT** to set the new value (from 1 Klux at 45 Klux. From factory set to 16 Klux).
Examples:
for threshold 07 Klux: (0 time PREV) - 7 times NEXT
for threshold 18 Klux: 1 time PREV - 8 times NEXT
for threshold 20 Klux: 2 times PREV - (0 time NEXT)
07. Press 1 time **STOP**. The receiver signal the new value.

4.C - Modification of Function 07 - WORKING TIME (only for 594.R.EN.00)

01. Select the correct radio channel and bring the motor on the intermediate position.
02. Press **MENU** for about 5 seconds. **rS** appears on the display.
03. Press 7 times **NEXT**. 07 appears on the display.
04. Press 1 time **STOP**. The receiver signals the current value.
Example:
if it gets up for sec. = 2: ▲ 2 (2 short upward movements)
if it gets up for sec. = 35: ▲ 3 - pause - ▲ 5
if it gets up for sec. = 120: ▲ 1 pause ▲ 2 pause ▲ 1 long
05. Using **PREV** and **NEXT** to set the new value:
for time = 3: 0 time **PREV** and 3 times **NEXT**
(the value must be between 5 and 240. Factory set is 120sec.)
06. Press 1 time **STOP**. The receiver signal the new value.

4.D - Modification of Function 08 - AIR CHANGE (only for 594REN00)

Since the factory is set at 1 (NOT active). Possible values from 1 to 6.

01. Select the correct radio channel and bring the motor on the intermediate position.
02. Press **MENU** for about 5 seconds. **rS** appears on the display.
03. Press 8 times **NEXT**. 08 appears on the display.
04. Press 1 time **STOP**. The receiver signals the current value
Example:
if time = 2 sec: ▲ 2 (2 short upward movements)
if time = 5 sec: ▲ 5 (5 short upward movements)
05. Using **PREV** and **NEXT** to set the new value:
for time 3 sec: 0 times **PREV** and 3 times **NEXT**
for time 6 sec: 1 time **PREV** and 6 times **NEXT**
06. Press 1 time **STOP**. The receiver signal the new value.

To call the function, press the button «THIRD SWITCH»..

4.F - Modification of Function 12 - ORIENTATION TIME

01. Select the correct radio channel and bring the motor on the intermediate position.
02. Press **MENU** for about 5 seconds. **rS** appears on the display.
03. Press 1 time **PREV** and 2 times **NEXT**. 12 appears on the display.
04. Press 1 time **STOP**. The receiver signals the current value.
Example: if parameter value = 4: ▲ 4 (4 short upward movements)
05. Using **PREV** and **NEXT** to set the new value (from 1 to 5. 1 is function OFF. From factory is set 1).
Example: for parameter = 4; (0 time PREV) - 4 times NEXT
06. Press 1 time **STOP**. The receiver signal the new value.

4.H - Modification of Function 17 - RADIO TEST

Only available with 593.K.XS.00 and 593.K.XB.00.

01. Select the correct radio channel and bring the motor on the intermediate position.
02. Press **MENU** for about 5 seconds. **rS** appears on the display.
03. Press 1 TIME **PREV** and 7 times **NEXT**. 17 appears on the display.
04. Press 1 time **STOP**. The receiver signals the current value.
Function active: ▲ 1 (1 short upward movement)
Function not active: ▼ 1 (1 short descent movement)
05. Press **PREV** to disable the function (**Of** appears on the display) or **NEXT** to enable the function (**On** appears on the display). Factory set is On.
06. Press 1 time **STOP**. The receiver signal the new value.
Function active: ▲ 1 - **Function not active:** ▼ 1

4.L - Function 29 - RECEIVER RESET



WARNING:

For this procedure, use **ONLY A CHANNEL STORED ON THE RECEIVER THAT YOU WANT TO RESET** if more devices are tuned on the same channel, power on only the device to be resetted.

01. Select the channel tuned on the receiver to be «resetted».
02. Press **MENU** for around 5 seconds. **rS** appears on the display.
03. Press 2 times **PREV** and 9 times **NEXT**. 29 appears on the display.
04. Press 1 time **STOP**. The receiver signals that it is ready for the memory reset (with visual or acoustic signals, see the receiver instruction manual); on the transmitter, all the leds and display segments come on intermittently for a few seconds. Then they light on.
05. Press together **PREV** and **NEXT** until the receiver signals that the factory settings have been restored.
06. Follow the instruction manual of the receiver to re-install the receiver.



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