KAYSERI INSTALLATION INSTRUCTIONS

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All measurements in this document are metric. To convert from metric (meters, centimeters and millimeters) to imperial (feet and inches) visit this website: http://www.onlineconversion.com/length_common.htm
One Module
200 cm > 450 cm

Two Module
450 cm > 900 cm

Three Module
900 cm > 1300 cm

IA = Interaxis between conveyor rafter bars
STEP I

Install wall brackets using suitable fixings for site requirements. Ensure all wall brackets are same level with each other and correct width apart to match the conveyor rafters on your system.

Note: The tolerance value for " W1,W2,W3" is (± 20 mm, -20 mm)
NOTE: The instructions say steel bolts. The installer needs to determine which fastener type to use based on the substrate (wood, steel, brick, CMU etc.) along with local building code requirements (if any).

Extract the M12 x 100 steel bolts

Sign the holes

Drill the holes by Ø 17 depth 100 mm

Tighten the steel bolts with installation brackets

Drill the holes by Ø 17 depth 100 mm

Tighten the M12 x 100 steel bolts clockwise direction by Ø 19 wrench
STEP II
Establishment of front columns & front rafter bar (gutter)

ISO 7380-A2
M10 x 16
EN ISO 7089
M10

DIN 9335-A2
M8x20

Post

Gutter
STEP IV
Installation of motorbox and support profiles

ISO 7380-A2
M10 x 20

EN ISO 7089
M10

12x12x165

12x12x245

STEP V
Setting the rectangularity

DD2

DD1

IA1
Possibility 1
DD1=DD2 ⇒ OK

Possibility 1
DD1>DD2 ⇒ Move front side to right hand side until DD1=DD2

Possibility 1
DD1<DD2 ⇒ Move front side to left hand side until DD1=DD2
STEP VI
Installation of top cover support profiles

X = Top cover length
STEP VII
Installation of square pins and transmission bar
Drive the square pins to the directions mentioned below on details A, B, C.
STEP VIII
Installation of fabric

Take care to match the fabric front right position (which writes on the package of fabric) and structure front right position to install the fabric on the system and start the installation from the front sliders.
STEP IX

Programming RTS Somfy motor

Step 1:
Connect the motorbox to 220 AC power (110v in the USA)
- Blue: Not
- Brown: Phase
- Green-Yellow: Ground

Step 2:
Check the channel for programming motor. Press the channel button to select the channel 1, make the channel 1 led light flashing.

Step 3:
Press the up and down button at same instance motor will give a click. This means motor and remote control unit is introduced to each other.

Step 4:
Press the up button to check the direction of movement. If the fabric moves to up direction go on to step 6, if no go on to step 5.

Step 5:
Press the My button until the motorbox gives a click. The direction is reversed

Step 6:
Move the fabric to back limit position that the fabric is totally gathered under the front top cover support profile.

Step 7:
Press the My button & Down Dir. Button at the same instance for once the fabric will start to move down direction. And stop the movement with My button approx. 5 cm before the front end limit.

Step 8:
Press the down dir. button will small time intervals until the fabric is fully tensioned.

Step 9:
Press the My button & Up Dir. Button at the same instance for once the fabric will start to move up direction. And will stop itself at back limit position.

Step 10:
Stay pressing the My button until the motor will give click movement.

Step 11:
Press the programming button once, The programming is finished.
STEP X (OPTIONAL)

Programming the Standard Lighting System (On / Off)

⚠️ FATAL ERROR FOR LEDs: DO NOT CONNECT LEDS DIRECTLY WITHOUT LPC DRIVERS.

Step 1:

CENTRALIS LIGHT RECEIVER RTS

Step 2:

Check the channel for programming lights. Press the channel button to select the channel 2, make the channel 2 led light flashing.

Step 3:

Press once to PROG button which is inside the centralis light receiver unit.

Step 4:

Press the programming button once. The programming is finished.
STEP XI
Installation of top cover

Cover plate

7,5

7,5

CONCRETE SCREW
Ø 7,5 x 100
SIDE RAFTER BAR INSTALLATION (OPTIONAL)

CONCRETE SCREW
Ø 7.5 x 100

DIN 9335-A2 M8x20
AEROFIL LOUVRE INSTALLATION (OPTIONAL)

DIN 9335-A2 M8x16
Programming Dimmer Kit

Step 1:
The Dimmer Kit is already Programmed on Channel 1 on Remote Control if no;

Step 2:
Check the channel for programming lights. Press the channel button to select the channel 2, make the channel 2 led light flashing.

Step 3:
Press once to PROG. button which is inside the dimmer kit.

Step 4:
Press the programming button once. The programming is finished.
Double Motor Connection & Programming
(Optional)

Programming Double Motor Kit:

Step 1:
For start be sure that motorboxes are installed like that the cable outs from motorboxes are looking to eachother. And the 220 inputs are connected together from coupleur 2 moteurs and contraints Indoor. Detail 1

Step 2:
The white & yellow buttons on motorboxes 1 & 2 must be pushed down position (detail 2)

Step 3:
All programming will be done from motorbox 1 (is the motorbox which is connected to slots 5-6-7) (detail 3)

Step 4:
From centrals Indoor receiver press "S" button (detail 4) motor will start moving the system and when the system is reached to limit point push up the yellow or white button from motorbox 1.

Step 5:
Push the other "S" for the other side limit and when the system reaches the limit, push up the other button yellow or white from motorbox 1.

Step 6:
At the end to match the remote control with centrals Indoor, press the prog button on the centrals Indoor receiver and press once on the remote control which is on the back side of the remote control.

Note: To change a limit push down the yellow or white button on motorbox 1 again and move the system to new limit point and push up the button again.
In the USA/Canada: (866) Get Awnings
or (866) 438-2964

Outside the USA/Canada: (305) 628-2424

info@retractableawnings.com