HDL®

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Installation manual

Curtain rail Installation

Table of Contents

1. Product Superiority

◆ Using AC motor as the power source, to make the power more stable and reliable

◆ Built-in a new generation of clutch，the noise of the system operation is 40dB

◆ The curtain's horizontal tension is 8KG,load capacity is 50KG

◆ Using HDL-BUS port as interface，DLP panel to control the switch of the curtain, easy to use

2. Precautions

◆ Read all instructions in detail before use

◆ Non-Contact with the liquids or inflammable gas and object when using.

◆ Make sure there is no short-circuits or wiring errors before install

◆ Power off before install and uninstall

◆ When install the motor to the drive unit, please check and make sure that the latch has pushed into the locked hole, otherwise the motor will fall down to cause personal injury and product damage

◆ After installation, please don't pulling on the curtain, don't put any additional weight on the curtain rail; please don't climb the curtain or hang anything; or the rail and the motor will fall down then lead to personal injury and product damage

◆ Pay attention to water-proof, steam-proof, knock-proof

◆ Please use the dry cloth to wipe when cleaning, can't use the damp or corrosive stuff for wiping

◆ No overload used, or it will cause heating, and lead to burning or cause a fire

◆ Has any abnormal situation, please stop the operation and turn off the power, then contact with the technical service or our agent

3. Curtain rail Parts Info

| Hook Unit | Belt | Roller Runner | Fixed-Caliper | Rubber-Bumper |

| Ceiling Bracket | Insertion | Belt-Caliper | Master carrier and its handle |

6-core cable of RJ11	Track Joiner

Motor	Motor Base Socket	Master	Slave

Drive Unit and Roller Runner	Drive Unit and Hook Unit	Motor Lock

4. Install effect Diagram

Drive Unit   Ceiling Bracket   Rail   Ceiling Bracket   Drive Unit

Fixed Hole

Master Carrier

Hook Unit   Roller Runner   Latch

RJ11 cable   Master   Slave   RJ11 cable
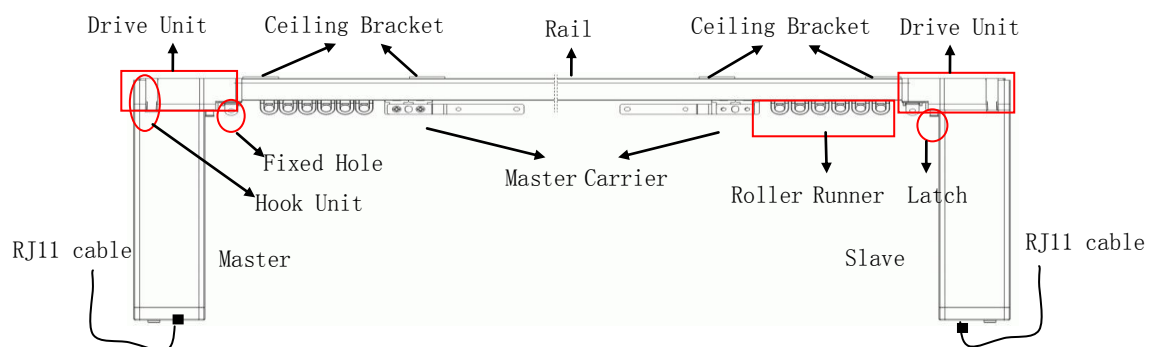
> The curtain hook install location：
> Hook Unit→Fixed hanging hole→Roller Runner→Master carrier and its handle.
> Host、Slave：
> Both host and slave are trietex, the host is connected with the HDL-BUS port
> and AC220V power supply; the host provide DC12V power to the salve by the
> 6-core cable of RJ11.The standard of RJ11 wire is 1 meter.
> Ceiling Bracket's mounting distance：
> From both drive units to the middle of rail，we recommend that installs one ceiling
> bracket per 600mm(cannot greater than 600mm)；in the middle of the rail，the
> distance of ceiling bracket can be slightly larger, the recommended distance is
> 800mm.（Due to the load of the rail ends is big，the mounting distance of ceiling
> bracket need to be smaller; the load of the middle rail is small，the distance of
> ceiling bracket can be slightly larger）

5. Installation steps

⑴ The length of the rail and the belt needed to custom-made according to the

size of the window. If the length of the rail and the belt is too long, then need to cut. Rail cutting: both of the rails are cut into the half length of the window.(Notice: this step is very important, don't cut disorderly)
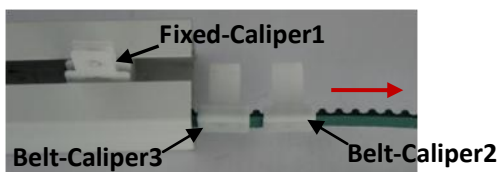
⑵ Take out the belt, put it into one of the rails, drag it to the drive unit, then pull it out. At the end of the belt, plug with the belt-caliper1, then plug it to the fixed-caliper1.
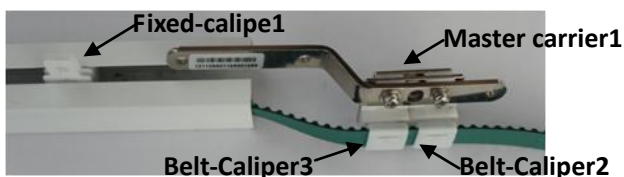
Belt-Caliper1 **Fixed-Caliper1**
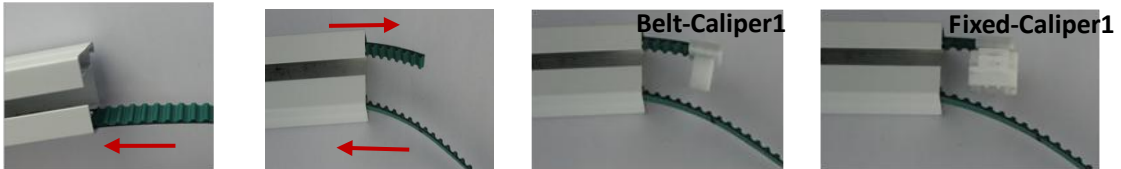
⑶ Adjust the position of the fixed-caliper1(as shown in figure), and plug the belt-caliper2 to the other side of the belt, next to the fixed-caliper1.
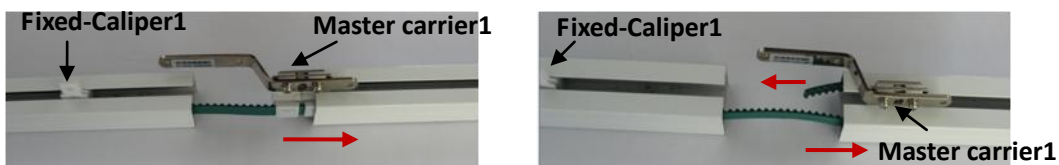
Fixed-Caliper1 **Fixed-Caliper1**
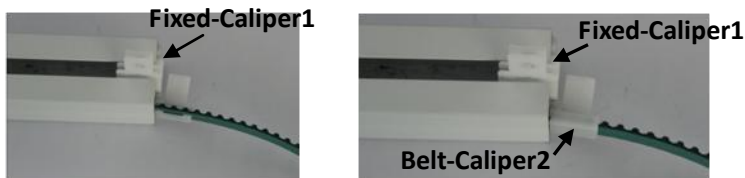
Belt-Caliper2

⑷ Adjust the position of the blet, plug the belt-caliper3 between the fixed-caliper1 and the belt-caliper2,next to the belt-caliper2.

Fixed-Caliper1

Belt-Caliper3 **Belt-Caliper2**

⑸ Adjust the positions according to the figure, put the belt-caliper2、3 to the master carrier1,the handle should point to the fixed-caliper1

**Fixed-calipe1** **Master carrier1**

Belt-Caliper3 **Belt-Caliper2**

⑹ Put the other side of the belt into the other rail, drag it to the drive unit, then pull it out. At the same time, push the master carrier1 to the this rail.

Fixed-Caliper1 **Master carrier1** **Fixed-Caliper1**

Master carrier1

⑺ At the end of the belt, plug with the belt-caliper4,then plug it to the fixed-caliper2.
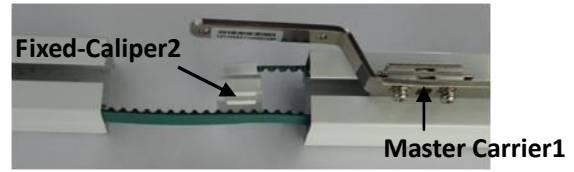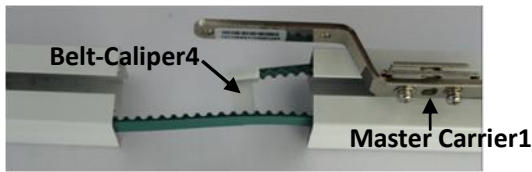
⑧ Adjust the belt, to make the fixed-caliper1 and 2 closely, and place the rubber-bumper(the rubber-bumper can buffer the collision between two handles of the master carrier)
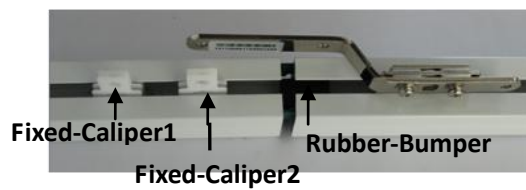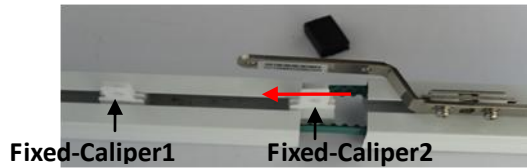
⑨ Insert a insertion to the fixed-caliper1 and 2，and install the handle onto the insertion，the handle should outward.
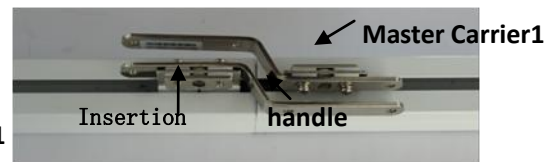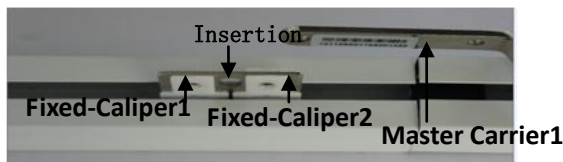
⑩ Face the reverse side of the rail, adjust the position of the track joiner, to make its middle part locate in the gap of two rails, then outward stretch the rails with hands(Purpose: let the belt running smoothly),meanwhile tightening the screws of the track joiner. Then finish this installation.
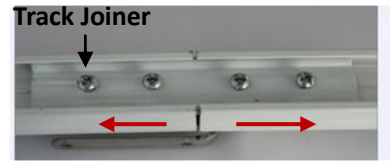
⑪ At the reverse side of the rail, can screw-in more than one ceiling brackets, they are used for fixing the rail on the wall.

⑫ Screw-in the motor to the drive unit, then chucking and locking (Notice: the host motor should be installed to the side with the power supply; need to connect the host and slave by the 6 core wire of RJ11,the standard of

RJ11 wire is 1 meter. Two plugs of the RJ11 are pressed already, before use, need to connect them together with a certain long cable. Note that the RJ11 is a 6-core cable, if use the 8-core cable of RJ45 to connect, pay attention to the connection between two lines).

⑬ Hang the hook unit on both of the drive units(Notice: each drive unit has four optional places, the hook units make the casement better to shield the window, as well as the motor, making it look beautiful). Install the curtain rail on the wall, and hang the casement to the corresponding position. Finish the installation.