

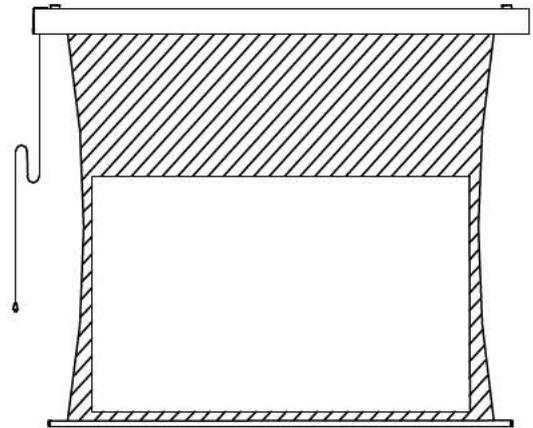


# Instruction Manual

Thank you for purchasing OS product.

The installation of the device requires technical knowledge and please do not install it on your own.

- Please contact the installer or the distributor for installation.
- To installers: After installation, please hand over the manual to the user



## STP-\*\*\*HM-MRK2

### Index

Safety Precautions	2~3
Construction	4
Accessories	5
Installation, Remote controller	6
How to use the screen	7~8
Maintenance, Option	9
FAQ	10

■ Please kindly read this instruction manual carefully and use the product properly. This manual should be kept for future reference.

## Safety Precautions

### Please strictly comply with the following for safety

This instruction manual is intended to prevent any danger to the user and the third parties, or any damage to the property. The following indicators are to remind users to strictly observe the instructions.

- Throughout our explanation, the possible damage which may be caused by any negligence or disregard of the safety precaution is classified to different levels according to the severity.



#### WARNING

This icon warns that it may cause death or casualty if not following the instruction closely.



#### CAUTION

This icon indicates that it may cause injury or damage to the property.

For the precautions we recommend users to notice, we explain by using the following different categories (The following are just examples)



This icon suggests that this is the necessary procedure to follow.



This icon suggests that the action is strictly prohibited.



#### WARNING



**The installation or dismantling should only be handled by more than one professional technician.**

Assemble the screen by two or more people. It might fall off causing damages and harms.



**For long period usage please ensure that the installation position is with adequate strength.**

If the support is not strong enough, the screen may fall down after long-period use.



**Pull out the power plug, when smoke, heat, smell or strange noise happens.**

The continuous use may cause a fire and an electric shock.

Stop using it, and consult with the dealer or distributor.



**Take the power plug to connect, not the power cable.**

It may damage the power cable and cause a fire and an electric shock.



**Make sure the power plug is inserted tightly.**

When insertion is not enough, it may cause a fire by the electric shock and heat.



**Take off the dust, etc. of the power plug regularly.**

It causes an insulation failure due to moisture etc. when dust is piled up on the power plug, and might cause a fire.

Please pull out the power plug, and wipe with a dry cloth.



## WARNING



**Stop using, when anything like metal, water, or liquid goes into the screen, and pull out the power plug.**

The continuous use may cause a fire and an electric shock.

Stop using it, and consult with the dealer or distributor.



**Pull out the power plug, when the screen is not used for long.**

The leak may cause a fire.



**Exchange the same two new batteries.**

When an old battery is mixed, it may cause heat, liquid leakage and the explosion.



**Do not alter the design or dismantle**

It may cause major failures.

Contact the dealer or distributor for repairs.



**Do not hang any objects to the screen**

This may cause damage to the screen and result in danger.



**Do not touch the power plug when thundering.**

It may cause an electric shock.



**Do not operate the power plug with a wet hand.**

It may cause an electric shock.



**Do not damage the power cable and plug.**

It causes the electric shock, the short, and a fire when used with damage.



**Do not connect the plug to power until the installation is finished.**

It may cause an electric shock.



**Do not use the screen near the stove and other heat sources.**

Because the screen fabric easily gets burned, it might cause fire.



**Do not forcibly pull out the screen.**

This may result in damage to the structure or the screen materials.



## CAUTION



**Within the expanded reach of the screen, do not place any objects to block the screen or objects that are easily breakable.**

This may cause damage to the screen or to the other properties in use.



**Do not place sharp objects near the screen**

It may cause damage to the screen.



**Restore the screen to the case after use.**

Hanging the screen for long time may cause the fabric fall out.

## Cautions in handling

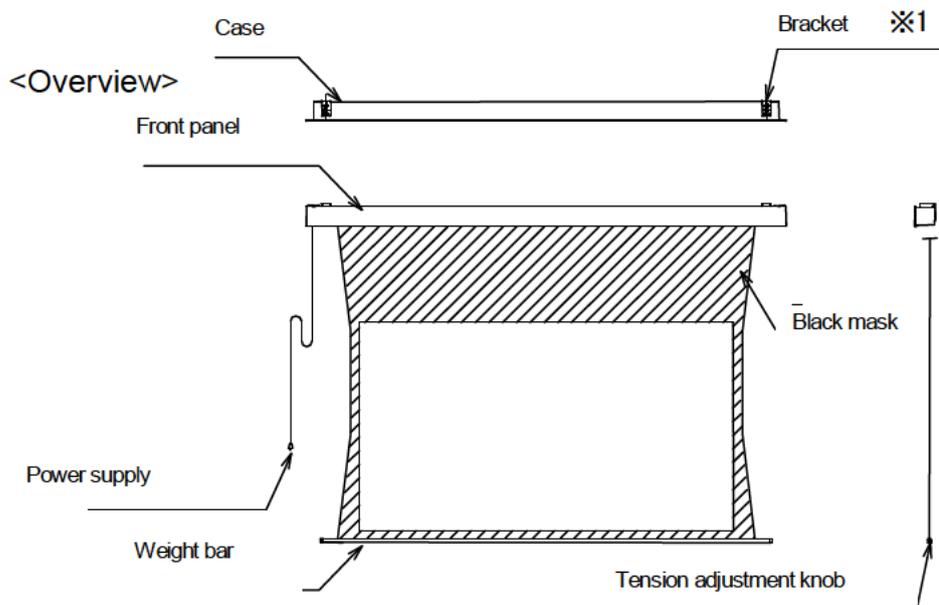


### CAUTION

Never use a moist cloth or chemicals such as benzene, thinner etc. It may cause the poor projection image.

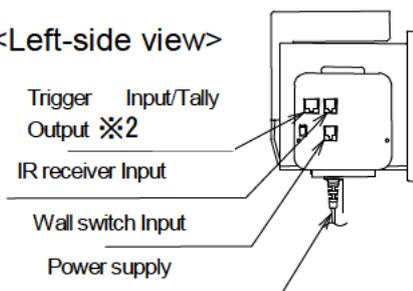
- The surface of the screen is specially processed to enhance projection image. The contamination or damage may result in poor projection image. Pay close attention to the followings when handling this product.
  - Do not touch the screen surface.
  - Do not draw anything on the screen surface.
  - Do not rub or scratch the surface with anything hard.
  - Gently wipe the dust off the surface with the soft dry cloth or remove with a soft brush.
- The screen surface may have an odor at first. Please ventilate enough by opening the window. Any such odor will gradually fade. When the odor is strong, please keep the screen pulled out, even not in use.
  - Be careful in repeating the screen going up and down. The continuous use of the up and down operations may cause the heat prevention circuitry work, and stop the screen. When this happens, please operate after some time (10 – 20 minutes) for cooling off. (※This is not the breakdown.)

## Construction



Trigger Cable Assignment		
No.	Cable color	Assignment
1	Black	Trigger IN
2	Red	Trigger GND
3	Blank	Blank
4	Blank	Blank
5	Green	Tally GND
6	Yellow	Tally OUT

### <Left-side view>



Materials : Aluminum (Front panel, Case, Roller)/Steel( Case cap etc.)/ Resin (Cap(ABS), Others(POM, PC))

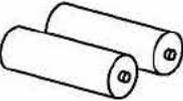
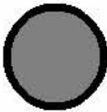
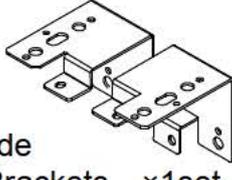
※1 The drawing refers to the sliding brackets.

※2 The trigger input corresponds with the projector with trigger output( DC12V).

The tally sends 5V output while operating, and displays the function status on the system controller.

# Accessories

※Please confirm the accessories before installation.

Operation method	Other accessories, screws etc.
<p><b>Remote control</b></p>  <p>Infrared remote controller ×1</p>  <p>AAA dry batteries×2</p>  <p>Infrared receiver ×1</p>  <p>Sticker(spare)×1</p>	<p>Sliding brackets ×2</p>  <p>Side Brackets ×1set</p>  <p>Screw A Cross recess Truss tapping screw (4×40)×6</p>  <p>Screw B Cross recess Truss tapping screw (4×12)×4</p> 

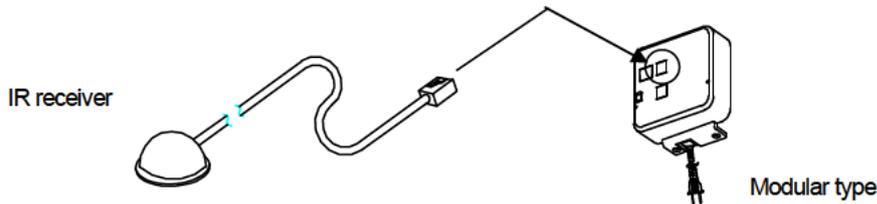
## Installation



### CAUTION

**Make sure the power is off when you connect it to the screen.**  
It may destroy the product or cause an electric shock.  
**Plug in the IR receiver plug tightly.**  
If not, it may cause mal-functioning.

1. Connect the modular plug of the Infrared receiver to the modular jack.



2. Remove the dust, water, oil and moist on the location, and stick the Infrared receiver tightly, peeling the coated paper off. The location should be where the signal of the infrared remote controller can reach. Avoid the direct sunshine area.

#### Things to know:

- When the reception is weak because of the direct sunshine, the infrared receiver location should be changed.
- There are locations where the infrared receiver cannot be stuck.
- Use the spare sticker, when the adhesive power of the pad is weak.

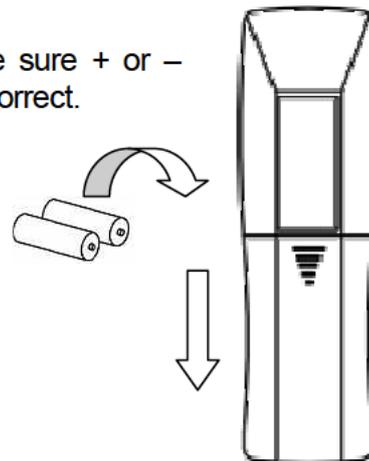
## Preparation of the remote controller

Please pull out the back panel of the remote controller, and put two dry batteries (size AAA).

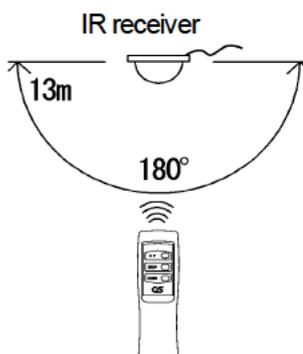
#### Dry batteries

- Change the two batteries to the new ones when the signal is weak.
- Take out all the batteries when you do not use it for long to avoid the liquid leakage damage
- Do not use rechargeable batteries.

Make sure + or - are correct.



#### The operation range of IR remote



#### Remote controller

- Do not drop, throw away, or put water on it, or it may cause the breakdown. Handle the remote controller carefully.
- Please operate it to the direction of the infrared receiver

## How to use the screen

### ■ Storing the screen

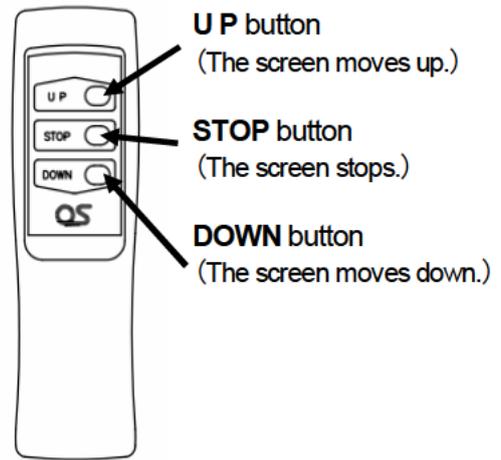
When the screen is deployed, push the **UP** button of the remote controller. The screen is rolled up and stored, and it stops automatically.

### ■ Stopping the screen

Please push the **STOP** button whenever you want to stop the operation.

### ■ Deploying the screen

Please confirm the screen is stored, and push the **DOWN** button of the remote controller. The screen is deployed to a prescribed projection position, and it stops automatically.



**CAUTION** Pull out the power plug, when the screen is not used for long.  
The leak may cause a fire

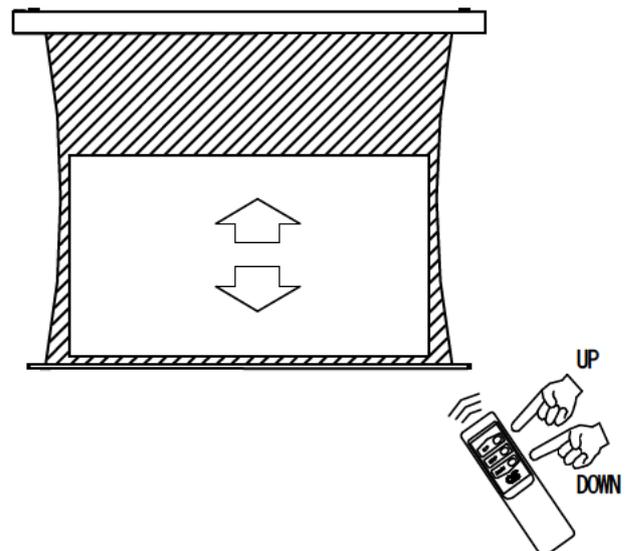
## Change of projection position

- The projection position can be changed as desired.

### ● To lift up the projection position

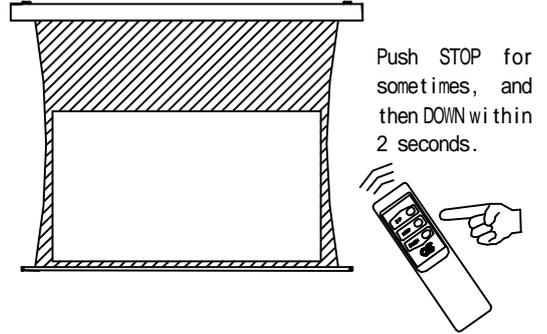
#### ① Stop at the desired position

Use **UP** & **DOWN** buttons and push **STOP** button at the desired position.



## Memorizing the position

1. At the desired position, push **STOP** button for 5-6 seconds, and then push **DOWN** button within 2 seconds.
2. Upon receiving the command, the screen moves up approx. 10cm, and then stops at the preset position.

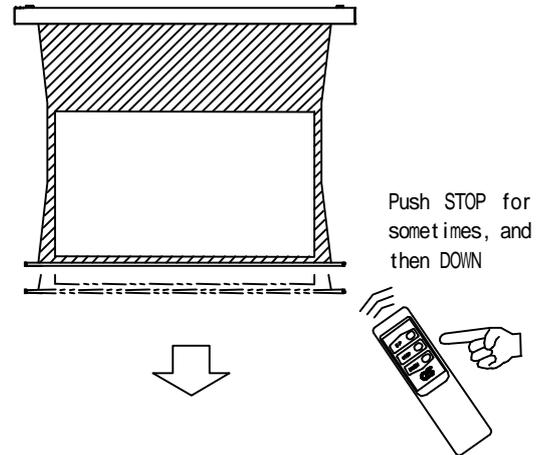


## To lift down the projection position

### Deploy the screen

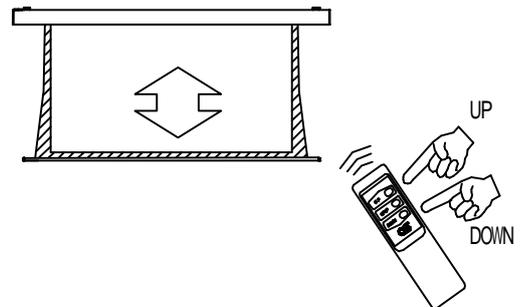
Push **DOWN** button for 5-6 seconds and the screen starts to come down from the preset position.

Push **STOP** button.



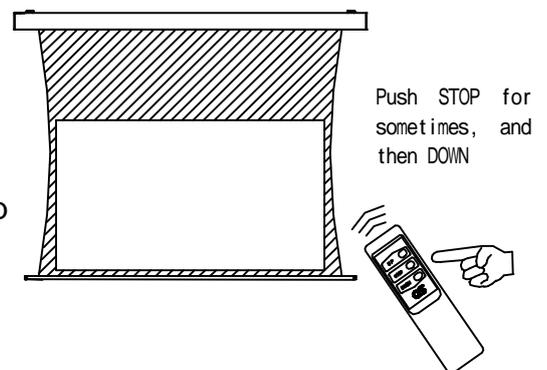
### Stop at the desired position

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## Memorizing the position

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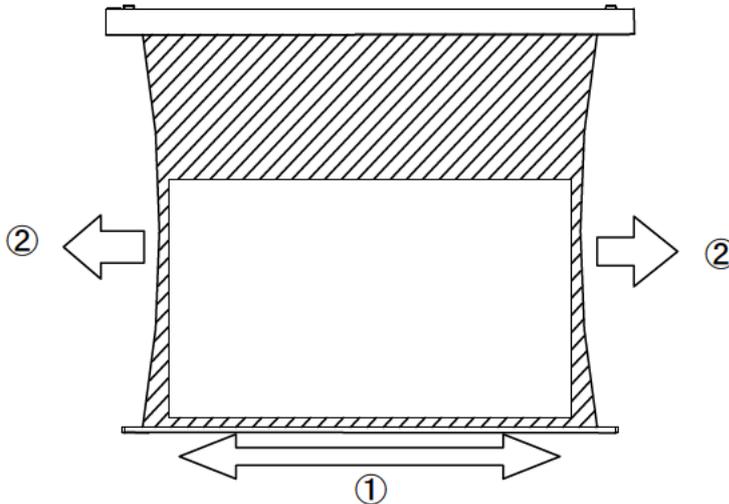
**NOTICE** If the **DOWN** button is pushed for some time and left as it is, the screen comes to the factory default position, and stops. The screen cannot be lower than this position.

## Maintenance

### ● The replacement of the fabric

- When the screen fabric is damaged, the fabric can be replaced.
- For details, please contact the dealer or distributor.
- For details on replacing the fabric, please refer to the attached manual of the replacement fabric.

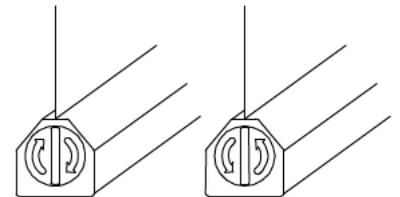
### ■ Giving tensions to the screen



① When the tension near the weight bar is lost, please perform linearity adjustment by a tension adjustment knob.

※ Adjustments should be within 3 turns, clock-wise or counter clock-wise.

※ When tension is given too much, please turn the tension adjustment knob counter clock-wise and loosen tension. Please keep the screen with the loosened tension for 2 or 3 days, and then perform linearity adjustment again.



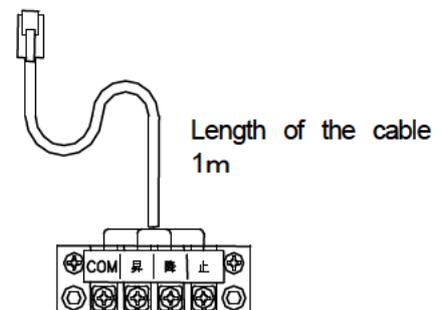
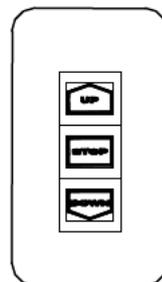
Clock-wise : to give tension

Counter clock-wise : to loosen tension

② The tensions to the right and left of the screen are pre-set at factory.

## Option

### ● Wall embedded switch(S-R2)



## FAQ

When an abnormality arises, carry out the following checks before requesting for repair. Please be sure to take off a power plug before check. If the following checks do not set the abnormality back to normal, please report to the dealer or distributor.

Symptom	Check	Remedy
The screen does not operate.	Is power plug fixed to the mains correctly?	Fix the plug tightly.
	Is the remote controller directed to the receiver?	Direct the remote controller to the receiver.
	Anything blocking between the remote and receiver?	Take off the blocking item, or change the receiver position.
	Is the sun or inverter lighting reflected on the receiver?	Change the position of the receiver.
	Batteries of remote low?	Change the two batteries in the remote.(AAA type)
	Is the heat prevention circuitry on?	Cool off the motor and operate again after 10-20 minutes. After return, as there is possibility of a stop position shift, please restore the screen to the case by [UP] operation.
	Is the receiver cable extended?	If the receiver cable is extended, it is easily affected by the noises. Any modifications on the product or the accessories would be subject to non-warranty.
	Was there a power failure during operation ?	After a return from a power failure during operation, [UP] or [down] operation once returns the screen to the storage position.
Down position cannot be adjusted.	Were the steps described in the manual duly followed?	Restore the screen and keep it over 1 second before applying the necessary adjustments

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