

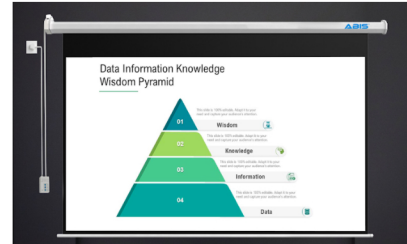
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**Electric Projector Screen
Manual Projector Screen
Tripod Projector Screen**

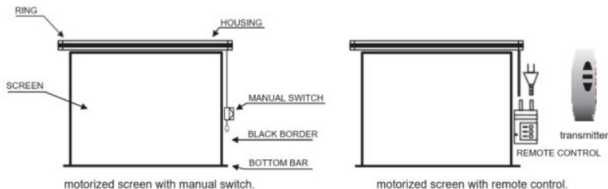
User Manual



Thank you for choosing ABIS Projector Screens.
All the screens have passed the strict quality inspection before delivery. Please read the user manual carefully to ensure proper usage.

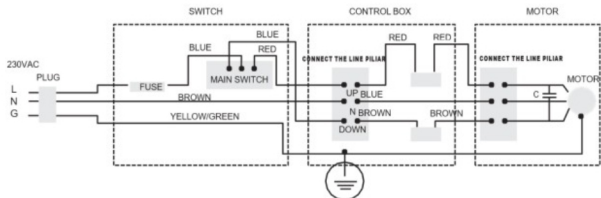
⚠ Attention: It is important that the installation of the screen (electric connections, the setting of the limit switches) is performed by a skilled engineer.

ELECTRIC (MOTORISED) SCREEN

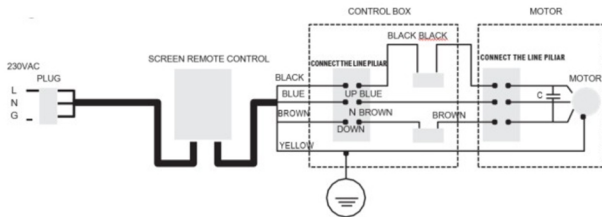


Circuit Diagrams:

If the motorised screen comes with a manual switch, please refer to the below figure for an electric connection.



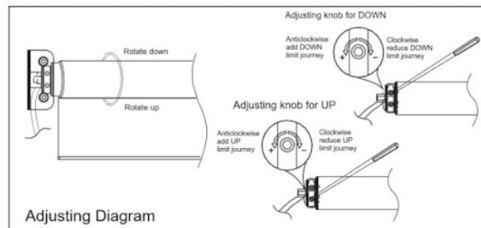
If the motorised screen comes with remote control, please refer to the below figure for electric connection.



If the remote control does not work as expected, please check the battery and perform a replacement if needed.

Adjust Limit Switch:

Adjust the position for the two-limit journey; refer to a figure below:

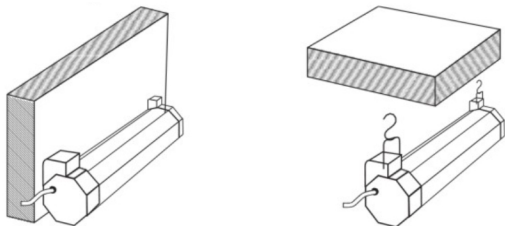


Installation Tips:

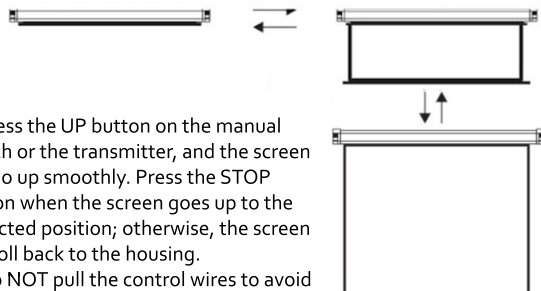
1. The screen should be switched to a suitable power supply. It can be 220V/50HZ, 230V/50HZ or 110V/60HZ, 120V/60HZ. The motor power must be the same as the local voltage and frequency.
2. The screen can be used with or without the remote control. If the remote control is not accompanied, the screen can be operated by the control box directly, using the UP/DOWN/STOP buttons on the control box.
3. The screen can be stopped at any position with the help of the remote control. The screen will automatically stop when the screen fabric goes up and back to the housing or when the top black border fully comes out.

Installation Method:

1. Unpack the screen carefully, ensure the screen is in good condition, and all the accessories are packed inside the box.
2. Ensure the voltage and frequency marked on the screen match your local power supply.
3. Refer to the below figure to install the screen on the wall or the ceiling.



4. Plug in the power supply. Press the DOWN button on the manual switch or the transmitter, and the screen will go down smoothly. Press the STOP button when the screen goes down to the expected position; otherwise, the screen will stop at the lower limited position automatically.



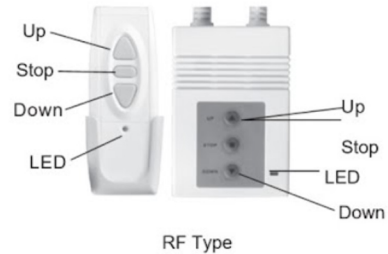
5. Press the UP button on the manual switch or the transmitter, and the screen will go up smoothly. Press the STOP button when the screen goes up to the expected position; otherwise, the screen will roll back to the housing.
6. Do NOT pull the control wires to avoid disconnection and electrical shock.
7. Moving parts of the drive must be installed no lower than 2.5mm above the floor or another level that could provide access to it.

Warning:

1. The screen shall NOT be folded. Do not use fingers or hard objects to touch the screen surface. Do not splash liquids, such as milk, juice, or chemicals on the screen surface.
2. Keep the screen away from high temperatures or fire.
3. To clean the screen, wash it gently with a broom or a cotton ball. Do NOT use organic solvents to clean the screen surface.
4. Only pull the screen when it is in a vertical position.
5. Do NOT pull the screen roughly. Please stop pulling immediately if the black border is out or the screen is jammed or damaged. In such a case, please contact the maintenance centre for repair.

6. If the power cable is damaged, you need to replace it by technical support from the maintenance or service department.
7. Do NOT allow children to play with fixed controls. Keep remote controls away from children.
8. Frequently examine the screen for imbalance and signs of wear or damage to cables and springs.
9. Do NOT use if repair or adjustment is necessary.
10. If the supply cord is damaged, it must be replaced by the manufacturer to avoid a hazard.

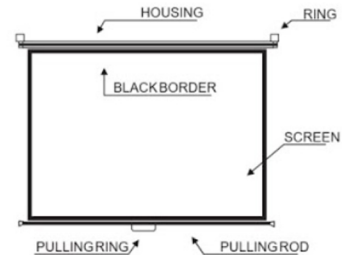
8. To continue the operation, press the UP button on the controller. To stop the operation, press the STOP or DOWN button on the controller. To roll the screen down, press the DOWN button again and the STOP button to stop the operation.



Remote Control System:

1. The remote control can be IR or RF type.
2. (IR type) Plug in the controller power cable. You should see the power source indicator flashing. To start the controller power relay operation, press the STOP, UP or DOWN button.
3. To complete the automatic controller learning, press the STOP button after 8 seconds of operation. The power stop indicator should stop flashing.
4. (RF type) Press the DOWN button, then plug in the power source. To start the controller power relay operation, press the STOP button, or press the DOWN button again.
5. To complete the automatic controller learning, press the STOP button after 8 seconds of operation. The power stop indicator should stop flashing.
6. When the UP and DOWN buttons are pressed simultaneously, the remote control is locked; thus, the operation will be stopped. To unlock the remote control, press the STOP button.
17. If the motor operation has passed the preset time limit, the power source will be cut off automatically, and the motor will stop its operation.

WALL-MOUNTED MANUAL SCREEN



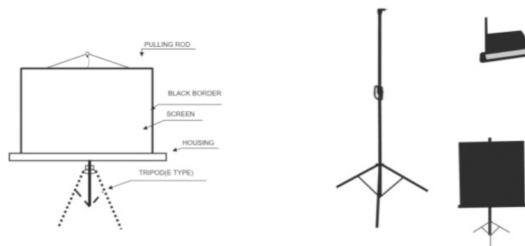
Installation Method:

1. Moving parts of the drive must be installed no lower than 2.5 mm above the floor or another level that could provide access to it.
2. It is recommended to install two screws on the wall. The distance between the screws should equal the distance between the rings and be on the same level.
3. The rings should load up to 25 kg of weight.
4. Hold the pulling ring tightly and pull down the screen slowly, then stop when the black border comes out (or stop pulling when you want to stop) - the screen will be fixed automatically.
5. If the screen does not stop automatically, please repeat the actions described in step 4.
6. To roll the screen up, release it, and it will go up and back to the housing.

Warning:

1. The screen shall NOT be folded. Do not use fingers or hard objects to touch the screen surface. Do not splash liquids, such as milk, juice, or chemicals on the screen surface.
2. Keep the screen away from high temperatures or fire.
3. To clean the screen, wash it gently with a broom or a cotton ball. Do NOT use organic solvents to clean the screen surface.
4. Only pull the screen when it is in a vertical position.
5. Do NOT pull the screen roughly. Please stop pulling immediately if the black border is out or the screen is jammed or damaged. In such a case, please contact the maintenance centre for repair.
6. After using, put the screen back to the housing to avoid pollution. If you do not plan to use the screen for a long time, it is recommended to store it rolled up and packed in the carton.

TRIPOD SCREEN:



Installation Method:

1. Choose a suitable place for installation, open the tripod feet first, pull out the upper bar to a suitable height and lock it.
2. Hang the pulling rod above the gooseneck and adjust the screen height.
3. Fix it at the desired position.
4. After using fix the screen and put it back to the housing.
5. The tripod legs should be placed steadily.
6. When adjusting the screen height, ensure to move the upper bar slowly and carefully.

Warning:

1. The screen shall NOT be folded. Do not use fingers or hard objects to touch the screen surface. Do not splash liquids, such as milk, juice, or chemicals on the screen surface.
2. Keep the screen away from high temperatures or fire.
3. To clean the screen, wash it gently with a broom or a cotton ball. Do NOT use organic solvents to clean the screen surface.
4. Only pull the screen when it is in a vertical position.
5. Do NOT pull the screen roughly. Please stop pulling immediately if the black border is out or the screen is jammed or damaged. In such a case, please contact the maintenance centre for repair.
6. After using, put the screen back to the housing to avoid pollution. If you do not plan to use the screen for a long time, it is recommended to store it rolled up and packed in the carton.

Technical Data:

a. Matte White Screen

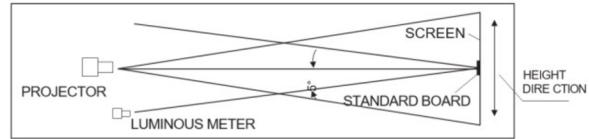
Gain:	11
Viewing angle:	160
High colour rendering:	High resolution

b. Glass Beaded Screen

Gain:	2.5
Viewing angle:	60
High colour rendering:	High resolution

- c. High quality synchronous or tubular motor is equipped in the left end of the screen housing.

- d. Gain Measurement: refer to the fig below. Standard: JB/T8389 issued by Ministry of Machinery Industry



- e. Viewing Angle Measurement: refer to the fig below. Standard: JB/T8389 issued by Ministry of Machinery Industry

