

Crosby & Bown

www.crosbyandbownltd.co.uk

Motorised Projection Screen

User Guide

Thank you for purchasing a Crosby and Bown
projection screen

Please read this manual before installation and use.

For further assistance please call: 01636 639 900

Or

Email: William@crosbyandbownltd.co.uk

Safety Precautions

1. Make sure your projector screen is installed, stored, and used in a dry environment.
2. Ensure that the control box and motor are maintained by professionals only. Opening or removing the screen's housing could result in serious injury.
3. Never clean the screen's housing or remote control with a wet towel or allow them to come into contact with water in any way. Doing so may cause serious injury or fatality.
4. Do not obstruct the screen when it is extending or retracting.
5. Do not attach foreign objects to the screen.

Installation Safety

1. Projector screen must always be mounted indoors
2. Installation structures must be strong enough for the size and weight of the projector screen.
3. Projector screen casing should be kept horizontal at all times
4. Installation must only be carried out by an adult. It is dangerous for children to attempt the installation of this product.

Optimal Performance Conditions

- The room's temperature should be between -5 and 50 degrees centigrade.
- Humidity should no higher than 90%.
- Ensure that there are no high-frequency wireless or infrared signals nearby. E.g. electric welding machines or medical treatment equipment.
- For best performance, screen should be at least one metre away from any other electrical appliances.

Technical Specification

Power supply: 230v – 50hz

Output: 14 w

Operating temperature: 10 – 40 degrees centigrade

Weight: Dependant on size

Maximum controller range: 8-10 metres

Getting Started Installation options

Choose from any of the three recommended installation options and then read the instructions carefully before attempting installation.

Option 1 – Wall mounting

1. Use a tape measure to measure the distance between the brackets on either end of the casing.
2. Drill two identical holes in the wall, based on the measurements taken (ensure the holes will be level before drilling).
3. Screw in the appropriate screws to attach the screen to the wall.
4. Use a spirit level to make sure the screen is level both horizontally and vertically before using.

Option 2 – Ceiling Mounting

1. Use a tape measure to measure the distance between the brackets on either end of the casing.
2. Drill two identical holes in the ceiling based on the measurements taken (ensure the holes will be level before drilling),
3. Drive the screws directly into the screw holes to attach the screen to the ceiling.
4. Use a spirit level to make sure the screen is level both vertically and horizontally before using.

Option 3 – Hanging

1. Use a tape measure to measure the distance between the brackets on either end of the casing
2. Drill two identical holes in the ceiling based on the measurements taken
3. Screw a ring hook into the ceiling and then use the holes provided in the casing's brackets to hang the screen.
4. Use a spirit level to make sure the screen is level before using.

Testing Operation

After installing the screen by following the above instructions carefully, the screen should be tested.

Attention: The yellow safety clip on the down bar is for transportation protection purposes only. Please remove before testing a screen.

1. Make sure the screen is firmly installed before use.
2. Check that the range of power source is 220v-50hz.
3. Connect the power supply so that the LED on the control box turns green.
4. Put AAA batteries in the remote.
5. Check that the remote and screen are working properly by pressing the up, stop, and down buttons on the remote control.
The remote should work up to 8-10 metres away from the screen.

Fine Adjustment

The screen drop height was preset in the manufacturing stage. If you need to alter the up and down function of the screen, follow these steps.

- The adjusters can be the side of the projector casing (the opposite end from the motor)

- A screw driver should be used to turn the switch
- If the black drop is too long, turn the ‘down stop limit’ counterclockwise with a screwdriver. Doing this will decrease the length of the black drop. Test and repeat until the desired black drop is achieved
- If the black drop is too short, turn the ‘up stop limit’ clockwise with a screwdriver. Doing this will increase the length of the black drop. Test and repeat until the desired black drop is achieved.

Caution: The adjustment of the black drop has been pre-set by the manufacturer and should not normally need re-adjustment. The screen’s canvas can be severely damaged if over-extended or over-retracted.

If possible, please contact your local retailer for professional support. Your warranty may expire if you do not follow the instructions described in the manual.

Maintaining and Cleaning

The screen housing should be cleaned when the screen is unplugged. It should only be cleaned with a dry towel and should never come into contact with water at any point.

The screen’s canvas can be cleaned with a dry towel. Never attempt to clean it directly using hands or any other cleaning implement – doing so may result in a damaged or scratched screen.

Retract the canvas and turn off the power supply when the screen is not in use.

Common Issues and Solutions

| Symptom | Cause | Solution |
|---|---|--|
| Screen Does Not Operate | Incorrect power supply | Check the type of power supply and check it is correctly connected |
| | Motor Broken | Replace the capacitor; Make sure all cable connections are tightly fitted; Replace motor |
| | Thermal Overload | Stop system for 15 minutes and try again |
| | Fuse Blown | Replace fuse |
| Canvas Did Not Stop at Pre-set Position When Retracting and Extending | Limit Switch Lost | Press the stop button to end the screen action. Then reset the up and down limit switch; see fine adjustment guide |
| Remote Control Not Responding But Fixed Control Responding | Not Enough Power in Battery | Replace battery |
| | Wrong "+" and "-" Pole for Battery | Check battery is placed the correct way around |
| | Programming of Control Box is Lost | To re-sync remote control with control box please see our How to Sync your remote control guide. |
| Noise | Foreign Objects Attached on Housing, Roller or Fabric | Remove the foreign objects |
| | Noise in Motor Gear | Replace with a new motor |