PURE
T H E A T R E
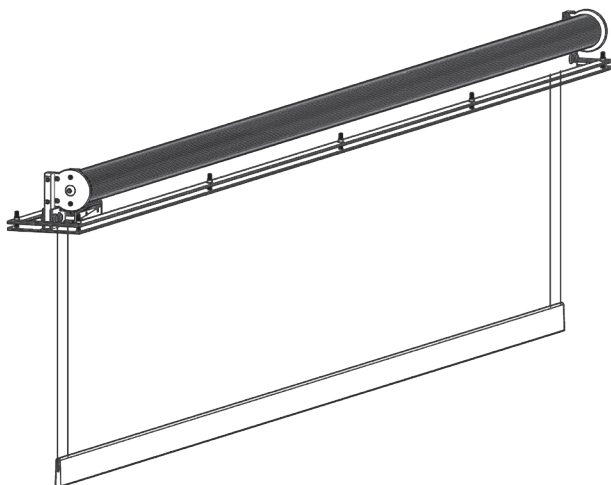
INSTALLATION

OPERATION

SETUP

PROGRAM IR REMOTE

FACTORY RESET

MODELS:
Ceiling Recessed

Ceiling Recessed Screen
User Guide
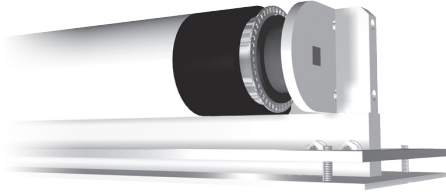
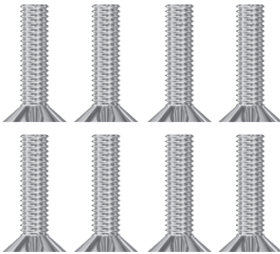ver 26.01.012 © 2012 PureTheatre™

CONTENTS

PROJECTOR SCREEN

POWER SUPPLY

INFRA-RED REMOTE

TEMPLATE / MOUNTING FRAME

MOUNTING SCREWS

(M5 x 30mm long)

SCREW COVERS

STEP 1. Find Joists, Pipes & Cables

Find the approximate position for your projector screen and then locate and mark the position of any joists, wiring and plumbing.

To aid installation a wood/metal sensor is recommended. Available from most DIY stores

STEP 2. Mark Out Position

Now you have the joists marked, measure the exact position for the projector screen and mark out using the stencil supplied. Simply draw around the *inside* of the stencil and mark *all* hole positions.

STEP 3. Drill Holes

Drill 8mm diameter holes through ceiling for mounting screws. Be sure to drill the holes carefully as these will have to line up with the projector screen.

STEP 4. Cut Slot

Cut out ceiling slot along the template line, taking care to keep as close to the line as possible.

Clean out the majority of plaster dust leaving a clean area for the screen.

INSTALLATION

STEP 5. Install Template

Place the template into the ceiling cavity and align with slot and holes.

Once you are happy the holes are correct lift the mounting frame and remove the sticky pad covers then press down into position.

STEP 6. Install Transformer

Place the mains transformer into the ceiling cavity and connect to the nearest suitable mains power supply using supplied IEC lead.

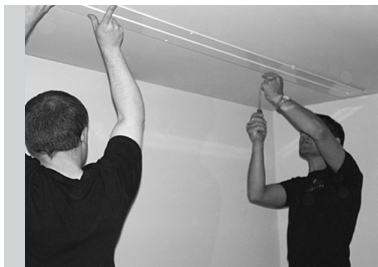Allow the 24v plug to hang down for easy connection to the screen.

STEP 7. Install Screen

Lift the screen up to the ceiling and connect the 24v plug from transformer to the end of the screen.
Note. The leds on the screen should light RED, then Green and Yellow.

Now push screen up into the ceiling cavity and insert all screws finger tight.**DO NOT use screws longer than 30mm and take care not to press the program button during installation as this will lower the screen.*

STEP 8. Secure and Test

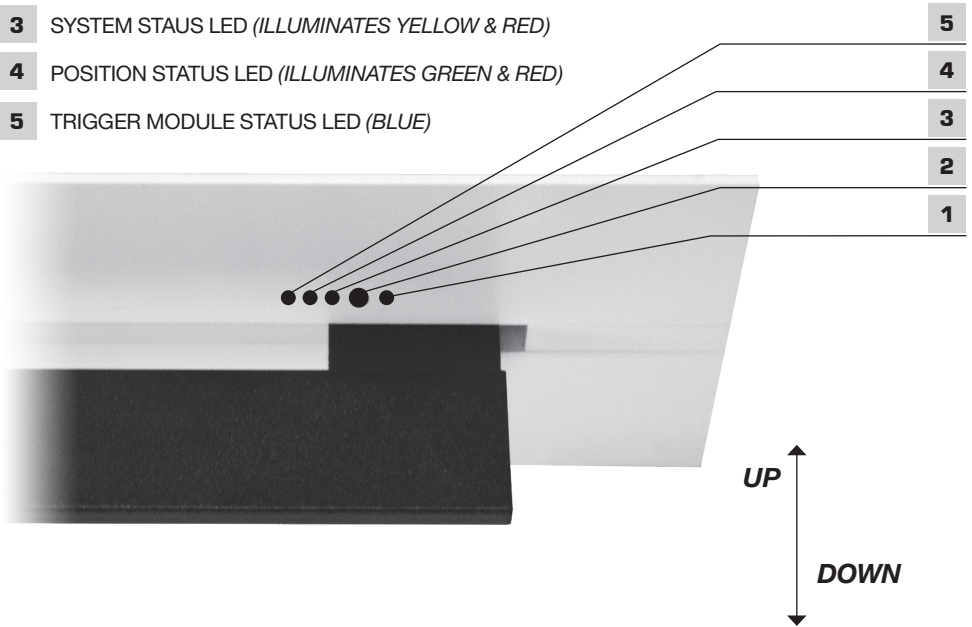Finally tighten all screws with a screwdriver.
(Fit screw covers once you have tested your installation.)

Your screen is now ready to use.

Please read the following pages for operating instructions and programming options.

OPERATION LIGHTS

1 PROGRAMMING BUTTON

2 INFRA - RED SENSOR

3 SYSTEM STAUS LED *(ILLUMINATES YELLOW & RED)*

4 POSITION STATUS LED *(ILLUMINATES GREEN & RED)*

5 TRIGGER MODULE STATUS LED *(BLUE)*

5

4

3

2

1
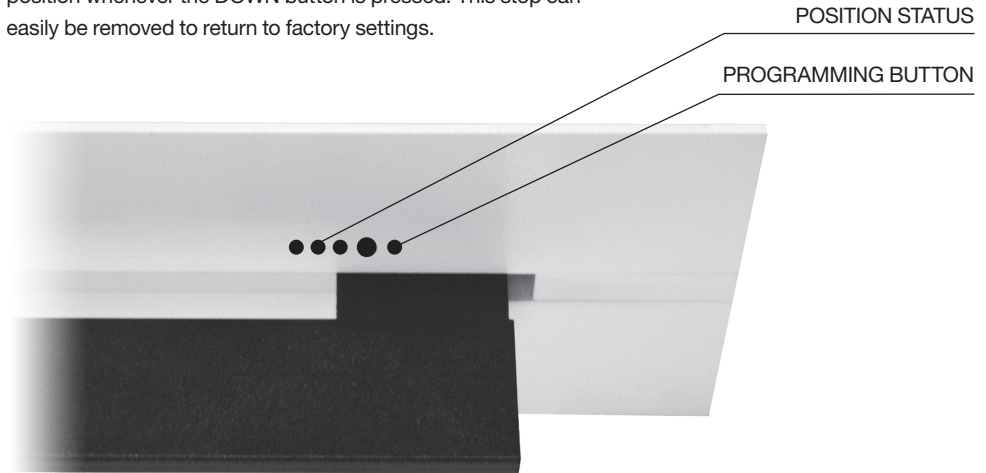
UP

DOWN

BASIC OPERATION

Once your screen is correctly mounted and power has been established simply press the UP and DOWN buttons on the remote control to operate the screen.

PRIMARY STOP / STORE / DELETE

The drop height of the Projector Screen is factory set to the maximum but a Primary Stop can be stored to limit this.

Once a Primary Stop is stored the Screen will always travel to this position whenever the DOWN button is pressed. This stop can easily be removed to return to factory settings.

POSITION STATUS

PROGRAMMING BUTTON

STORE PRIMARY STOP:

STEP 1. Press Programming button briefly once. *POSITION STATUS LED* starts flashing.

STEP 2. The flashing will continue for approx.10 seconds. Then the screen will lower automatically.

STEP 3. Press *STOP* button when screen is just above desired position.

STEP 4. Press *DOWN* button (multiple times) to fine tune the screen position.

STEP 5. Press *STOP* button again to store the final position.

STEP 6. Once the stop position is stored the *POSITION STATUS LED* will extinguish.

Your screen will now use this position as its Primary Stop position.

DELETE PRIMARY STOP:

STEP 1. Press *PROGRAMMING* button briefly once. *POSITION STATUS LED* starts flashing.

STEP 2. Press *UP* button whilst *POSITION STATUS LED* is flashing. *(within 10 seconds)*

The primary stop is now deleted.

ADVANCED OPERATION

The screen can store multiple stop positions.(Normally upto 4)
Multiple stop positions are usually set at other aspect ratio points.

An example of some common aspect ratios are:

STANDARD
4:3

WIDE SCREEN
16:9

ANAMORPHIC
2.35:1

The multiple stops can be stored in any position so you can program your most common viewing mode as the First Stop, then Second etc.

Once 2 or more Stops have been programmed you can toggle between positions by pressing the DOWN button, or by pressing buttons 1,2,3 or 4.

DOWN Press the *DOWN* button and the screen will drop to the *FIRST STOP.*
Notice *POSITION STATUS LED* flashes during Screen movement indicating which stop has been selected.

To toggle to to the NEXT stop:

DOWN Press *DOWN* Button again to move the screen to the *NEXT STOP.*
Notice *POSITION STATUS LED* flashes during Screen movement indicating which stop has been selected.

You can cycle the screen position through the Multiple Stops by pressing the DOWN button.
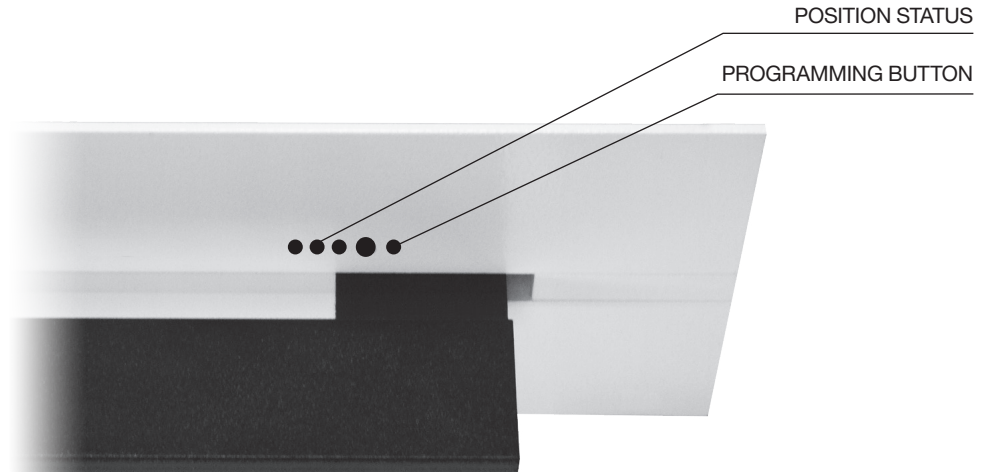
PRIMARY
STOP

SECONDARY
STOP

MULTIPLE STOP / STORE / DELETE

The sequence for programming/deleting further stops is the same as the primary stop.
You simply press the program button briefly multiple times to correspond with the stop you require.
ie . 3 presses will program/delete stop 3.

You will notice that when you are programming/deleting or moving to stop 3 the *POSITION STATUS LED* flashes 3 times, then pauses and then repeats.

POSITION STATUS

PROGRAMMING BUTTON

STORE STOPS 1 - 5:

STEP 1. Press Programming button X number times. *POSITION STATUS LED* starts flashing.

STEP 2. The flashing will continue for approx.10 seconds. Then the screen will lower automatically.

STEP 3. Press *STOP* button when screen is just above desired position.

STEP 4. Press *DOWN* button (multiple times) to fine tune the screen position.

STEP 5. Press *STOP* button again to store the final position.

STEP 6. Once the stop position is stored the *POSITION STATUS LED* will extinguish.

Your screen will now use this position as its X number stop position.

DELETE STOPS 1-4:

STEP 1. Press *PROGRAMMING* button X number times. *POSITION STATUS LED* starts flashing.

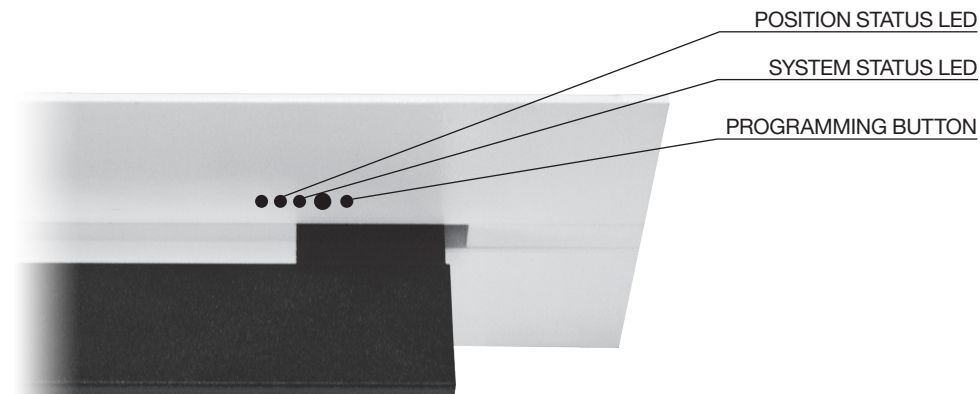*STEP 2.* Press *UP* button whilst *POSITION STATUS LED* is flashing. *(within10 seconds)*

The primary stop is now deleted.

PROGRAMMING IR REMOTE

The projector screen can learn commands from the majority of domestic remote controls, allowing your TV or projector remote to control the projector screen.

Programming a new remote will *NOT* disable the PureTheatre™ IR Remote.

POSITION STATUS LED

SYSTEM STATUS LED

PROGRAMMING BUTTON

PROGRAMMING IR REMOTE CONTROL:

STEP 1. Press and hold programming button until *SYSTEM STATUS LED* & *POSITION STATUS LED* illuminate. *(Approx 3 sec)*

STEP 2. Then only *SYSTEM LED* illuminates. *(Watch LEDS when programming as IR is very fast.)*

STEP 3. Press desired *UP* button briefly on the domestic remote control.
The *POSITION LED* flashes *GREEN* for learning then *RED* for storing the new button.

STEP 4. Press *UP* button again briefly on domestic remote control.
The *POSITION LED* flashes *GREEN* for learning then *RED* for storing the new button.

STEP 5. Now press desired *STOP button* briefly on the domestic remote control.
The *POSITION LED* flashes *GREEN* for learning then *RED* for storing the new button.

STEP 6. Press *STOP button* again briefly on domestic remote control.
The *POSITION LED* flashes *GREEN* for learning then *RED* for storing the new button.
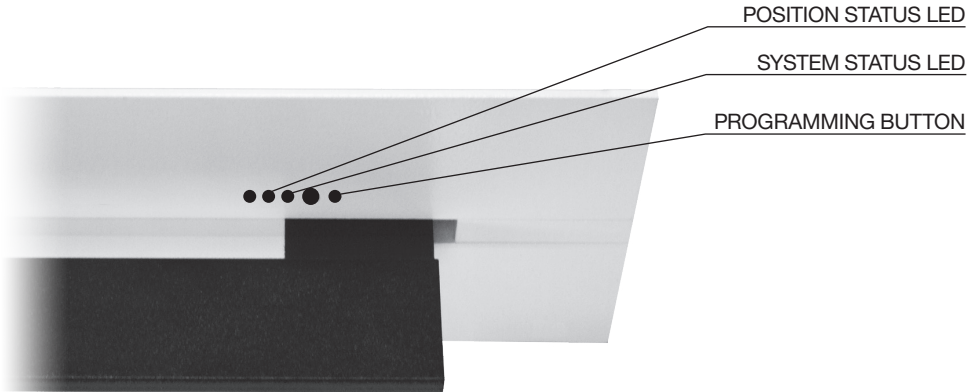
STEP 7. Now press desired *DOWN* button briefly on the domestic remote control.
The *POSITION LED* flashes *GREEN* for learning then *RED* for storing the new button.

STEP 7. Press *DOWN button* again briefly on domestic remote control.
The *POSITION LED* flashes to confirm success then goes out.

NOTE. When *LEDS* go out your domestic IR remote control is ready to use.

FACTORY RESET

A factory reset will remove all stored IR commands and delete all STOPS from the system restoring it back to factory default.

POSITION STATUS LED

SYSTEM STATUS LED

PROGRAMMING BUTTON

PERFORMING FACTORY RESET:

STEP 1. Press and hold *PROGRAMMING* button for 20 seconds until *SYSTEM STATUS LED* & POSITION *STATUS LED* illuminate *RED.*

STEP 2. Release *PROGRAMMING* button. *SYSTEM STATUS LED* & *POSITION STATUS LED* will flash *RED* 3 times.

STEP 3. The screen will then RESTART.

The factory reset is now complete.

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