

# ASC-1

automatic screen controller



Golding Audio Ltd

This handy little installation tool quickly and easily removes the need for a control system in small to medium sized AV installations. Connect mains power into the box, feed through to your projector and connect your electric screen to the terminals and you are done. Now whenever you switch your projector on your electric screen will automatically drop down ready for your presentation. And when you are finished, switch your projector off and the screen will automatically retract. No programming, no fuss simple control in minutes. Optional relay for control of lights, curtains etc.

## Features

- Simple automatic operation
- Removes the need for additional screen remote control
- Small footprint - can be concealed easily
- External relay output for external equipment
- Reliable and maintenance free
- Cost effective
- Simple installation
- No extra power required
- Sensitivity adjustment to operate with virtually any projector



## Specification:

Power Input	240V AC 50Hz
Projector Output	240V 5A/ 1200W
Screen Outputs	240V 2A fused
Relay Output (optional)	Change over contacts NO/COM/NC 32VDC 250 mA max
Status indicators	Red LED - power applied to screen, Green LED - projector lamp sensed
Manual override input	Momentary switch input (low voltage) to toggle screen up or down
Sensitivity	Operates screen in power drawn by projector exceeds 100W
Dimensions	110mm x 110mm x 63mm

### Operation overview:

The current flowing to the projector is monitored by the circuit. When this current increases beyond a certain level such as when the lamp is illuminated, the circuit will output power to the DOWN motor of the screen. This output will remain on for 2 minutes to allow plenty of time for the screen to reach its down limit. Thirty seconds after the projector has been switched on, the auxiliary relay will also operate which can be used to turn off house lights via a suitable dimmer or control system. When the projector is turned off and after a short delay, the UP output will become powered to drive the screen back up and also the auxiliary relay will change state to turn on house lights if connected.