



PROFESSIONAL CONTROLLER *Order code: 82101*



The Professional Controller allows non-technical staff to select, aim and dim any of RCL's range of remote controlled lights. Operation is intuitive but complete instructions are printed on the back of the controller. Pressing the 'target' button switches on the low power laser pointer used to select a light. Once the red LED on the light has illuminated to show that it is selected, the arrow buttons can be used to pan and tilt the lamp and to select a dimmer percentage which can be read on the back-lit LCD. Other buttons control the recording and playback of up to ten combinations of pan, tilt and dimmer setting. The two 'global' buttons on the side of the controller allow the user to send certain commands (e.g. dimming) to all the lights, whether selected or not. The front of the controller is constructed in die-cast aluminium and the back in engineering polymer.

SEQUENCING CONTROLLER *Order code: 82102*



The Sequencing Controller allows non-technical staff to set up sequencing. Operation is intuitive but complete instructions are printed on the back of the controller. The controller has the buttons used for selecting, aiming and dimming an individual light but once the setting is correct, pressing the record button causes the position to be recorded. Up to ten positions (pan, tilt and dimmer setting) can be recorded in this way and each time the record button is pressed a new position is recorded. Other buttons allow the user to step through, edit or delete positions in the sequence. When the positions are correct, pressing the 'GO' button starts the sequence and allows the user to change the time delay between steps. The 'cancel' button allows the user to stop the sequence or erase it. The front of the controller is constructed in die-cast aluminium and the back in engineering polymer.

DALI CONTROL



DALI (Digital Addressable Lighting Interface) is a communication protocol for digital lighting control developed by a group of European lighting manufacturers. Each DALI system is capable of controlling the dimmer level and movement of up to 60 lights. Initially, control is via a laptop plugged into the DALI source but scenes can be set up and subsequently recalled using simple wall-mounted control pads, hand-held remote controls or occupancy/light sensors. Installation is simple: the control signals can be transmitted via standard cable or down lighting track. Another benefit is that there is no need to set an address on each light – this is done automatically by the DALI controller and makes the addition of new lights to the system quick and easy. DALI is a two-way communications channel so the possibility exists for lights to report lamp failure and other conditions to the controller.

DMX 512 CONTROL



DMX 512 is a method of controlling lighting that had its origin 30 years ago in the world of theatre. Each light is connected via a 'daisy-chained' signal cable through which it receives DMX commands for dimming and movement. The DMX signal is continuously transmitted to all lights, but the lights will only react to commands that are individually addressed to them. Each light has its own individual address that is set by a hand-held controller or switches located in the fitting. Each light will have an address between 1 and 512. The advantages of DMX are that it is a robust and reliable technology which is widely supported and a high speed data rate allows for real time control of moving lights.