

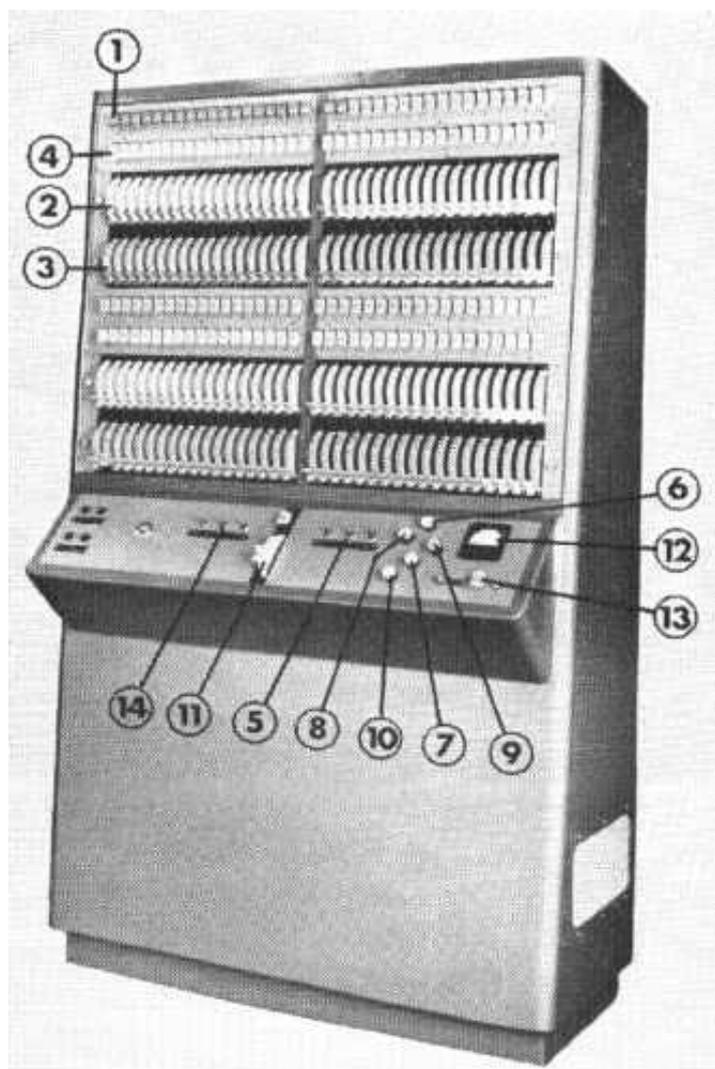


## System PR Electro-Mechanical Remote Control with Two Presets

This system is available for 60, 72 or 96 individually controlled dimmer channels. Each equipment consists of a remote control cabinet, a preformed control cable and a dimmer bank with servo-operated variable load resistance dimmers driven by individual electro-mechanical clutches from a common variable speed motor. Neither of the two dimmer levers to each channel have to maintain a constant control signal to the dimmer servo and therefore they are available for presetting precise intensity levels two changes in advance of the lighting in use.

### CONTROL CABINET

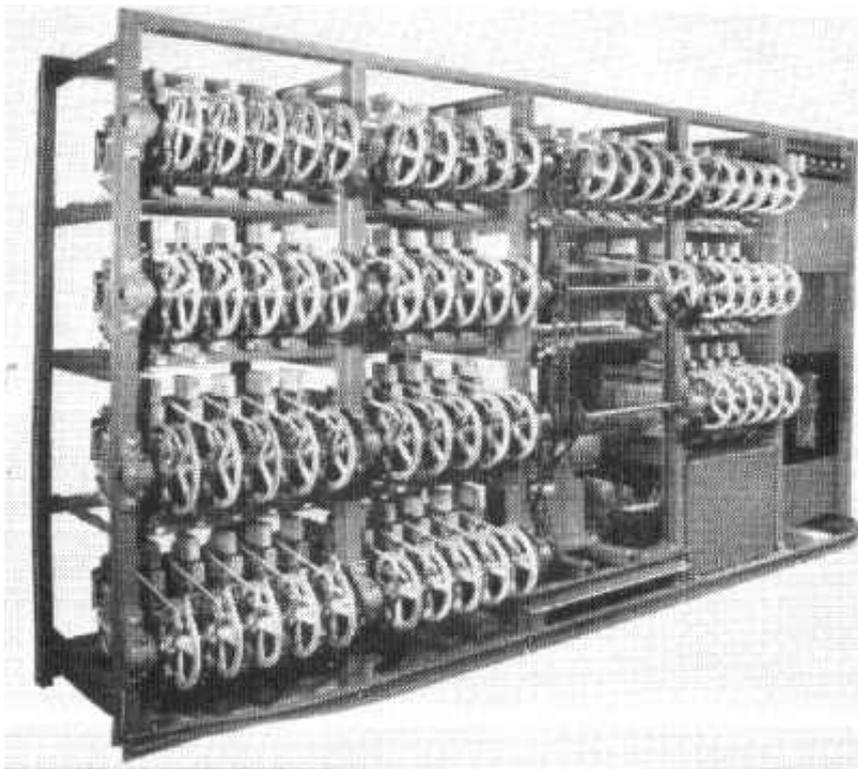
Cabinets are of sheet metal construction finished hammer blue and grey. All internal wiring is fitted terminating in a testboard which is also the connection point for the preformed control cable. A floor-standing cabinet is standard but a desk version is available for an additional charge.



Control Cabinet type PR/72

1. Three-position switch for grouping to Blackout A, or off, or Blackout B.
2. Moulded dimmer unit with white scale.
3. Moulded dimmer unit with green scale.
4. Three-position switch for grouping the white and green dimmer levers to the X, Y or Z Move group switches.
5. Move group switches which when down select the X, Y and Z groups to change when a master push is pressed.
6. RAISE push causes selected groups to raise to full independent of all dimmer levers.
7. \*DIM push causes selected groups to fade to zero independent of all dimmer levers.
8. \*WHITE PRESET push causes *selected* groups to change to the levels preset on the white dimmer levers.
9. \*GREEN PRESET push causes *selected* groups to change to the levels preset on the green dimmer levers.
10. REMAINDER DIM, in conjunction with RAISE or a PRESET push, causes a cross-fade by fading groups *not* selected to zero.
11. Speed Lever determines the speed, from 3 - 45 seconds, of all dimming changes.
12. Indicator Dial shows the rate and progress of all dimming changes.
13. Rehearsal Switch allows the WHITE or GREEN PRESET facilities to be held.
14. Blackout A, Blackout B and Dead Blackout switches.

\*These pushes have a second function against a heavy spring which extends their effect to all dimmers.



Dimmer Bank type PR/60

### DIMMER BANK

The dimmer bank is fitted with a power pack for the low voltage control circuits and is complete with all internal wiring and terminals for external connections to the lighting loads. A nominal 100 ft. preformed control cable in metallic hose is supplied to link the dimmer bank and control cabinet. Each of the channels is provided with an English Electric H.R.C. Cartridge fuse, a contactor for switching and a 500/1000 watt or 1000/2000 watt resistance dimmer. Each dimmer is operated by a pair of magnetic clutches from a common uni-directional shaft powered by a variable speed motor. A dimmer bank cannot be totally enclosed and requires access on each side.

Control cabinet and Dimmer Bank for 60 dimmer channels.

Type PR/60 Cabinet: 36 (50)-in wide, 16 (30)-in. deep, 72 (50½)-in. high, 240 lb. weight.

Bank: 13-ft. wide, 3-ft. 8-in. deep, 7-ft. 3-in. high, 22 cwt. weight

Control cabinet and Dimmer Bank for 72 dimmer channels.

Type PR/72 Cabinet: 42 (56)-in wide, 16 (30)-in. deep, 72 (50½)-in. high, 270 lb. weight.

Bank: 15-ft. wide, 3-ft. 8-in. deep, 7-ft. 3-in. high, 30 cwt. weight

Control cabinet and Dimmer Bank for 96 dimmer channels.

Type PR/96 Cabinet: 54 (68)-in wide, 16 (30)-in. deep, 72 (50½)-in. high, 336 lb. weight.

Bank: 19-ft. wide, 3-ft. 8-in. deep, 7-ft. 3-in. high, 45 cwt. weight

#### Variations at Time of Order

- Substitution of cabinet in desk form (dimensions in brackets above).
- Substitution of 1.5/3kW or 3kW resistance dimmer (dimensions in brackets above).
- Substitution of 3/5kW or 5kW resistance dimmer (dimensions in brackets above).
- Substitution of 2kW max. transformer dimmer (available in pairs only) (dimensions in brackets above).
- Substitution of 5kW max. transformer dimmer (dimensions in brackets above).
- Dimmer Bank dimensions above cater for a maximum of four 5kW dimmers.