

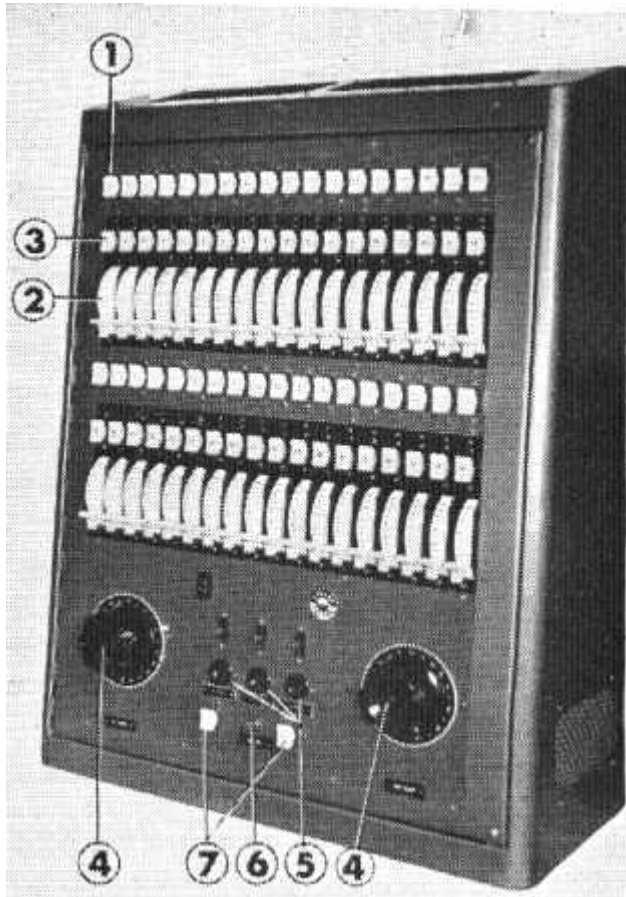
System SR All-Electric Remote Control

Each equipment consists of a remote control cabinet and one or more dimmer racks complete with 2kW saturable reactor dimmers fitted as standard. Each dimmer size is provided with tapping points to allow for load adjustment. Equipment except for CCR/8 and CCR/18 is provided with two three-position tablet switches to each channel to permit separate grouping-up for master switching and master dimming.

This system is available for 8, 18, 24, 36 or 54 individually-controlled dimmer channels. Where there are only 8 channels no master controls are provided as the eight dimmer levers can be operated by the fingers. Cabinets are supplied with the full complement of dimmer levers although some reactor dimmers can be omitted for initial economy where necessary

Control Cabinets

Cabinets are of sheet metal construction finished hammer blue or grey. The controls are inclined from the vertical for ease of operation. All internal wiring is fitted and terminals provided for the control wiring to the dimmer rack(s). A floor standing cabinet is provided for 54 channels, others are wall mounting.



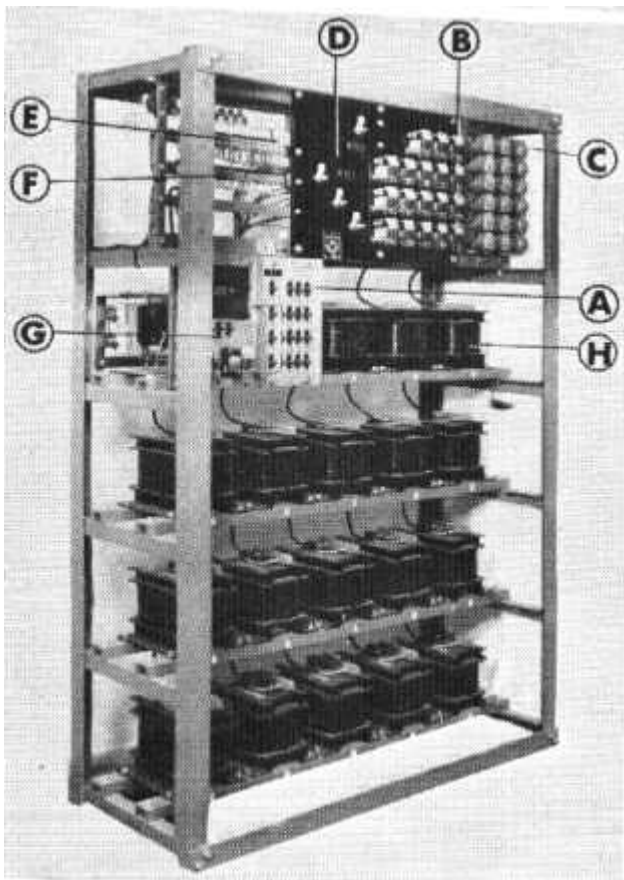
CCR/36/S
Control Cabinet

1. Three position switch, for grouping to Blackout A, or off, or Blackout B.
2. Moulded individual dimmer unit with stud contact potentiometer and scale marked 0-10 with half divisions.
3. Three-position switch for grouping dimmer lever to Master Dimmer X, or independent live, or Master Dimmer Y.
4. Master Dimmer X and Master Dimmer Y.
5. Quick-fade switches for rapid dimming.
6. All Fade switch for total quick-fade.
7. Blackout A and Blackout B switches.

CCR/36/S

Dimmer Racks

Each channel is provided with a thermal circuit breaker, a contactor for load switching, a full-wave rectifier for D.C. Control and a 2kW max. reactor dimmer. Standard dimmer racks are rated at 2kW max. each channel but, if specified at the time of order, any of the last four channels of each rack can be fitted with SR/3 3kW max. reactor dimmers. All internal wiring is fitted and terminals are provided for the external connections to the tungsten lamp loads, for the incoming A.C. supply, and for the control wiring from the remote cabinet. These terminals are all accessible from the front so that the rack(s) can be mounted against a wall. One rack is provided with a power pack unit for the control circuitry. All components are contained within the steel framework and a wire-mesh cover is provided in front of the terminal area. A.C. 220/240 volt 50 cycles or 110/120 volt 60 cycles, **state exact voltage and frequency.**



**CCR/18
Dimmer Rack**

- A. Thermal circuit breaker for protection of each channel.
- B. Contactor to each channel for load switching.
- C. Full-wave rectifier to each dimmer channel for the D.C. control of the reactor.
- D. Terminals for the incoming A.C. supply.
- E. Load and neutral terminals for connection of the tungsten lamp loads.
- F. Terminals for the control wiring from the control cabinet.
- G. Power pack unit (master rack only) for the control circuitry and the connection point for power supplies to the control cabinet.
- H. Saturable reactor dimmer.

CCR/18