



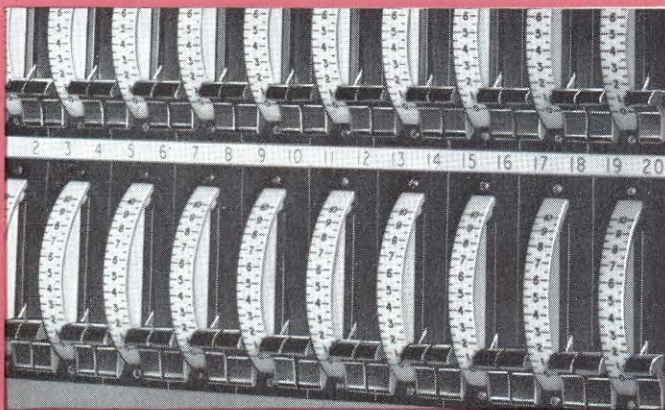
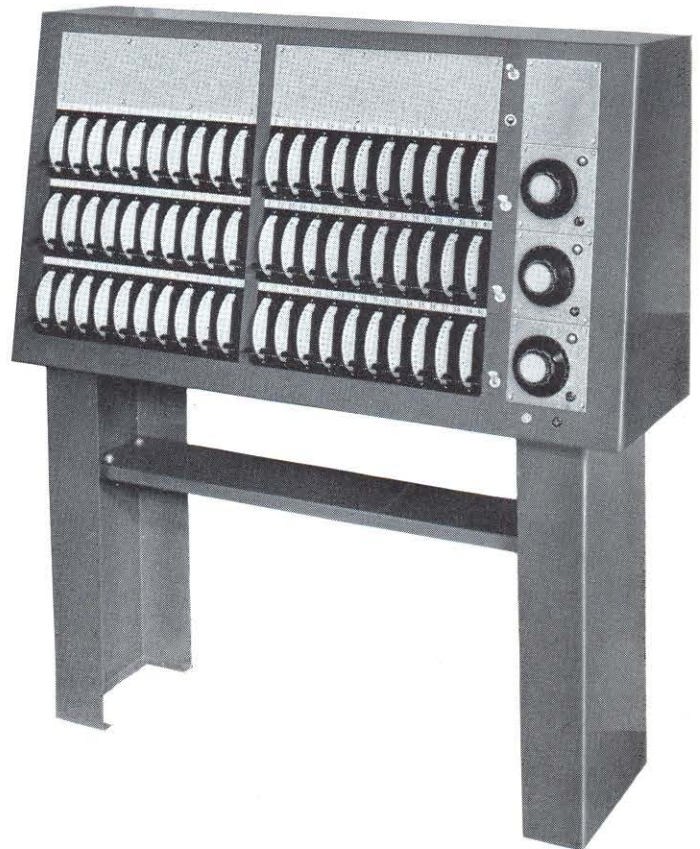
REMOTE CONTROL

Type JP.40; JP.30 Desks

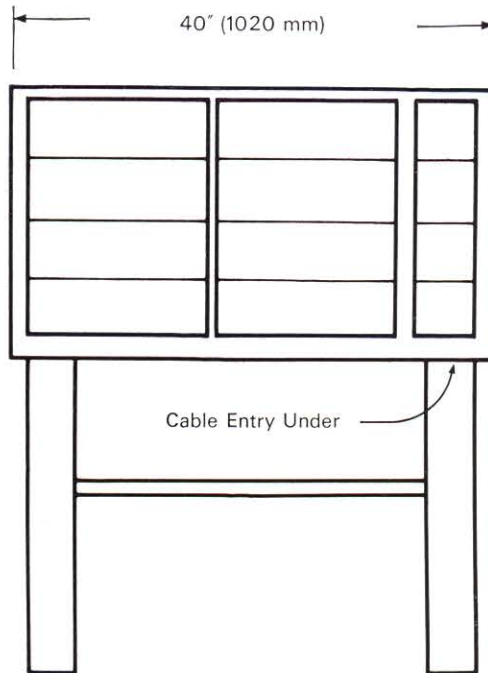
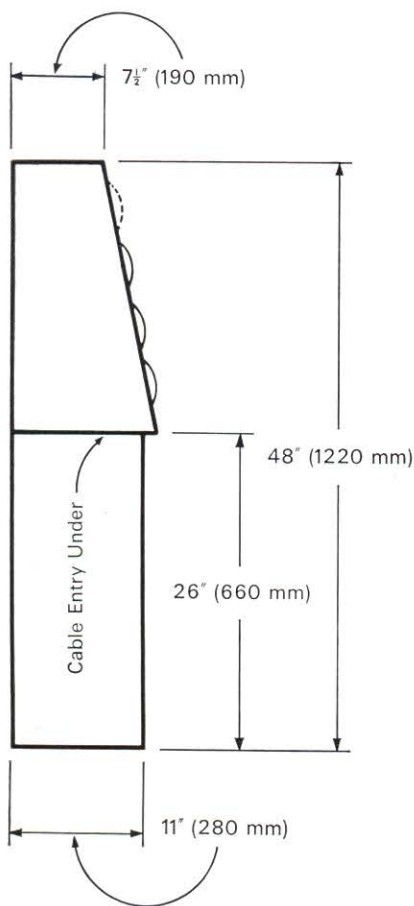
These 3-preset control desks, together with type JTM Thyristor dimmers, bring dimmer intensity presetting and remotely controlled variable load dimmers within the financial reach of the non-professional theatre.

The desks, for a seated or standing operator are available for either 40 or 30 control channels.

The three presets allow precise intensity levels for all channels to be set up for two complete changes in advance of the lighting in use. The provision of the third preset, rather than group selection, simplifies plotting and accurate repetition of the lighting levels determined at rehearsal without demanding any special operational techniques; an important factor in multiple-user situations.



Strand dimmer levers are designed for easy and accurate operation. The size and shape of the operating knob is designed to fit the finger and the whole scale length of $3\frac{1}{4}$ inches can be traversed with a single movement. On the type used in this equipment each adjacent pair of levers share a fixed quadrant scale clearly graduated from 0 to 10 with half divisions. This results in $\frac{3}{4}$ -inch horizontal centres without compromising either the legibility of the scale or the width of the dimmer levers.



WEIGHTS

TYPE JP.30	135 lb. (61.2 Kilos)
TYPE JP.40	140 lb. (63.5 Kilos)

SPECIFICATION

The desk shall be a near-vertical wing for a seated or standing operator and be constructed of steel and alloy extrusions smooth finished two-tone hammer grey. The height of the flat top shall not exceed 48-in (1220-mm). The legs shall include floor-mounting fixing holes. A 2-in (50-mm) diameter cable entry hole, with coverplate, shall be provided at the top of the right-hand leg. Access for initial connection and subsequent inspection shall be by a large removable panel at the rear. The legs and the bracing shelf shall be removable to reduce packing volume.

The dimmer levers for each preset shall be arranged in one horizontal row with a preset blackout switch, a master dimmer, a dimming pilot light, and a cartridge fuse at the right hand side. To facilitate accurate matching of intensity levels all dimmer levers associated with any one control channel shall be identical in size and be mounted one above the other separated only by large, bold channel identification numbers. The rows of dimmer levers shall be interconnected in a 3-preset network.

The dimmer levers shall consist of a precision black moulding, with a fixed quadrant scale, in contrasting white, shared between two adjacent levers. The effective scale length, through a 90° arc, shall be 3 1/4-in (83-mm) and this shall be clearly graduated from 0 through to 10 with half divisions indicated. Each dimmer lever shall be fitted with a moulded black knob with a concave finger-rest and bold index line. The potentiometer shall be continuously wound with a three-point brush assembly fully insulated from the direct drive operating arm.

Each master dimmer shall be fitted with a large, moulded finger-grip knob, with scale, and shall provide proportional

mastering independent of load. The adjacent pilot light shall provide an instant indication of the position of the master dimmer knob.

A dead-blackout switch shall be provided which shall contrast in operating pressure and appearance with the lever-type blackout switch for each preset. A neon pilot light and cartridge fuse shall be provided for the control circuit power supplies (derived from one Thyristor dimmer rack).

All internal wiring shall be colour-coded and external connections brought to labelled pressure-pad terminal blocks mounted within the base of the desk.

Models shall be identified as follows:

Type JP.30	30 control channels, 3-preset
Type JP.40	40 control channels, 3-preset

The phase to neutral voltage should be stated at time of order.

CONTROL WIRING

One Ref 604 (or equivalent) 3-conductor cable is required between the desk and the lowest-numbered dimmer rack; also one Ref 601 (or equivalent) 12-conductor cable, between the desk and appropriate rack, for each multiple of ten dimmer channels.

The control cables interconnect like-labelled terminals at the desk and dimmer rack(s). The 3-conductor cable (5 amp at supply voltage) is for terminals A, B and E and the 12-conductor cable (5mA at 24V) is for ten consecutively numbered terminals and terminal C.