

Strand Standard Preset System SP

This low-budget Strand control system when used in conjunction with type JTM controlled rectifier thyristor racks represents remarkable value and excellent control facilities for up to eighty dimmer channels. It is supplied as standard with 3-presets and push button switching to each channel to enable a crossfade to be set up between two groups, while a further group remains steady, all within the same preset. In addition, a permanent overriding master is fitted which operates irrespective of any group formation to prevent untidy patches of light from front of house spotlights appearing while the house tabs are in use.

The console is well styled and low in height so that it is easy to look over it at the stage no matter how high the control room has to be placed at the back of the auditorium due to the seating steppings or balconies. This is the best way to operate any lighting control. Plot space is normally integral, but where this is taken up with custom-built accessory switching, non-dims, colour changes, etc., then a vertical plot rest can be supplied.

The console is arranged with the presets in horizontal rows above each other. This arrangement makes easy the matching of intensities which do not have to change from one preset to another, but at the same time avoids the necessity of picking out every third lever when working within a preset for example, when clearing all levers down to zero. All dimmer levers are arranged for finger-tip operation and are specially designed to facilitate smooth in-scene changes whether slow or fast. Levers are paired odd and even numbers to share a common clearly engraved scale reading 0 to 10 (full-on at the top) with half divisions marked. The pairing of levers not only allows centres to be reduced to $\frac{3}{4}$ in., but facilitates picking out in a hurry since the odd number must be to the left of the scale and the even to the right. In addition each row has a division at every twenty.

In vertical line with the three preset levers belonging to each channel and immediately under them are twin push buttons, white and black. Depression of the appropriate push puts all three presets on to either the white preset or the black preset master faders. Tripping of both puts the channel 'off' and depression of both simultaneously connects that channel to both master faders, and common channels so formed can be kept steady when cross fading between groups within a preset.

The master faders are linear type paired white and black to each preset, and are mounted in the bottom panel together with the blackout switches and the front of house master.

The front edge of the console is finished in specially durable plastic-coated metal in order to take the hard wear this surface receives. All access to the interior for installation and maintenance takes place from the front via hinged panels carrying the controls themselves, there being no need to move the console once installed. The console leg units can be unbolted to assist prompt despatch by air and/or movement through awkward doorways at the time of installation. All wiring is of the preformed harness type and on-site connection is principally confined to a single wire to each channel between the console and dimmer racks. Control voltage throughout is 24 volts AC.

SP 60 3 Preset 3 Group 60 Channel

Console with three rows of 60 channel levers and a row of push button selectors to form white or black or common groups to allow changes to be limited to part of a preset. Six linear master faders (two per preset). Front of house master.

Size 51 in. wide \times 25 in. deep \times 36 in. high. Weight 140 lb. (Requires *three* JTM/20 thyristor racks)



Strand Standard Preset system with 3 presets and control facilities for 60 dimmer channels

SP 40 3 Preset 3 Group 40 Channel

As SP 60 above, but reduced in width for 40 channels. Size 35 in. wide \times 25 in. deep \times 36 in. high. Weight 110 lb. (Requires *two* JTM/20 thyristor racks)

SP 80 3 Preset 3 Group 80 Channel

As SP 60 above, but increased in width for 80 channels. Size 57 in. wide \times 25 in. deep \times 36 in. high. Weight 170 lb. (Requires *four* JTM/20 thyristor racks)

SP 20 2 Preset 3 Group 20 Channel

Two rows of 20 channel levers with 4 linear master-faders (2 per preset) and push-button group selection in box reversible for wall or desk mounting.

Size 29 in. wide \times 16 in. deep \times 7 in. high. Weight 40 lb.

SP 30 2 Preset 3 Group 30 Channel

As SP 20 above, but increased in width for 30 channels.

Intermediate Sizes

System SP desks can be made for a lesser number of channels than the standards above by omitting levers in multiples of ten. Thus an SP 30, or even SP 20, can be housed in a SP 40 console, or an SP 50 in an SP 60, the panels being blanked off appropriately. It is preferable to keep to multiples of ten, as this corresponds to the standard 10 and 20 channel racks, and although dimmer modules may be omitted initially, it is likely that sooner or later the full number will be made up.

It is therefore recommended that the console should be fully equipped to allow for future extension, economies where necessary being made by omitting some dimmer modules or even a complete rack.