

DRUM COLOUR CHANGE (Extended cycle)

Automatic dimmer controlling three or four colours in two groups of lighting and arranged to give a colour cycle in unison followed by a cycle in contrast and then repeat until switched off.

This equipment is similar in construction and application to the simple cycle drum above except that the drum is arranged to give double the number of changes. Used on two groups of 3-colour lighting the first half cycle is the same as Fig. 4 for both sets. The second half repeats but in the first group circuits B and C change places providing a set of colour mixtures to contrast with the second group. On a 4-colour job the cycle is as Fig. 5 until the second half when in the first group A and B change places and C and D likewise.

Type	Colour circuits	Watts per colour circuit	Total kw.	Max. demand kw.	Phases	Length	Depth	Height	Weight cwt.	Price		
										£	s.	d.
Auto 34	6	Up to 2,500	15	10	1	2' 9"	2' 6"	1' 7"	} 1½ cwt.	122	0	0
Auto 35	8	Up to 2,500	20	10	1	3' 0"	2' 6"	1' 7"		134	0	0
Auto 38	6	Up to 5,000	30	20	1 or 2	4' 6"	2' 6"	1' 7"	} 2 cwt.	163	0	0
Auto 39	8	Up to 5,000	40	20	1 or 2	5' 0"	2' 6"	1' 7"		178	0	0

Other arrangements to special order.

DRUM COLOUR CHANGE WITH REMOTE ON AND OFF CONTROL

These dimmers are exactly as the Drum types in schedules above except that the lighting and colour cycle can be switched on or off by push-button. Additional sets of push-buttons can be connected to give control from any number of positions. This refinement, though not normally necessary, may be desirable in a ballroom to bring the colour lighting under control of the band leader or the M.C. In such an installation the ballroom white lighting would be on an Up-down-stop dimmer (such as Auto 6) and the colour lighting on a Drum colour change (such as Auto 13), the push-buttons being mounted on a common panel. The procedure for a colour dance would then be:—Press the colour drum dimmer "On" button and the white lighting "Dim" push. At the end of cycle, press white lighting "Raise" push, wait for the light to come to full, then press the colour drum "Off" push.

When enquiring or ordering quote the appropriate Auto type number above and specify "Remote Control". Prices on application.

DRUM COLOUR CHANGE WITH FADE

Similar to Drum dimmers above but arranged to fade out cycle when dim button is pressed instead of switching off sharply. Similarly the "Raise" button fades the cycle in. A third push, "Stop", stops the colour cycle motor and allows a particular colour combination to be held.

These units are a combination of the Drum and Up-down-stop types, the latter dimmer unit being wired in series with drum and dimmer. Such an arrangement may still represent an economy in apparatus since, for example, a 4-colour mixing unit with fade employs only two dimmers. Supplied only for remote push-button operation. Specify as appropriate Drum Auto number plus "Fade". Prices on application.

RECIPROCATING ACTION DIMMERS

There are two main types: one UD/R to raise, dim, raise, dim the same circuit automatically until stopped; the other CO/R to cross fade two circuits to and fro until stopped (Fig. 6). Both are suitable for small displays in shop windows, exhibitions, etc.

These dimmers are somewhat similar to that shown in Fig. 1 except that there is no contactor control. The main switch for the lighting also feeds the motor and starts or stops the dimmer. Motor circuit includes a single-pole fuse but no lighting fuses are included. Type UD/R has a 100-contact Sunset element resistance dimmer and type CO/R a slider type resistance element. Both are complete with ventilated sheet metal cover.

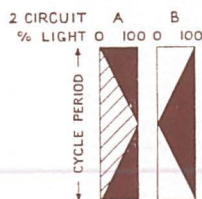


Fig. 6.—Reciprocating cycle.

Type	Circuits	Watts per circuit	Length	Depth	Height	Weight	Price		
							£	s.	d.
UD/R	1	Up to 3,000	2' 0"	1' 1"	1' 4"	½ cwt.	36	0	0
CO/R	2	Each up to 300 only ...	2' 0"	1' 1"	1' 4"	½ cwt.	32	0	0