



DISCOPLUS

**The colour mixing,
sound modulated, light
chasing, control...**

RANK STRAND ELECTRIC

DISCOPLUS



The colour mixing, sound modulated, light chasing, multi-channel control...

that automatically creates exciting Kinetic lighting but with the flexibility to avoid endless repetition of just one Kinetic effect.

DISCOPLUS is designed for clubs, discotheques, road shows and exhibitions where automatically controlled, continuously changing, vibrant lighting can be utilized to full effect, even when there is no resident designer available to concentrate full time on the lighting.

DISCOPLUS can control as few as six 2000-watt maximum dimmer channels of coloured tungsten lighting, or as many as 18 different channels providing a generous maximum of 36kW. The power handling dimmers, which can be local or remote, are Mini-2+ 6-dimmer packs.

DISCOPLUS colour mixing, sound modulation and chaser functions are all available simultaneously to every one of the six groups each of three control channels.

CYCLE colour mixes sequentially any group of three channels. The time taken for a complete cycle, before repeating, is variable from 10 seconds to 2 minutes. Extra facilities are built-in to fade-in to the cycle from zero light, and to fade-out, and also to stop and hold the colour mix. Used principally for continuously changing background effects or for a dance area.

AUDIO modulates any group of three channels, each channel responding to a different frequency band of the sound signal input. An automatic circuit is built-in to provide background lighting if there is a prolonged silent passage. Audio gives total integration of sound and light.

CHASER sequentially switches any group of three channels at a selected variable speed. There is a choice of two modes of operation; either 2 channels on and one off, or one on and two off at any moment in time. Used to simulate movement, or to give a strobe effect.

DISCOPLUS also has control sockets to allow a conventional Mini-2+ lever desk to control the same dimmer channels either in tandem, or exclusively in groups of three. Therefore the Discoplus can provide automatically controlled lighting, but when necessary the same lighting channels can be controlled creatively to meet the needs or the inspiration of the moment.



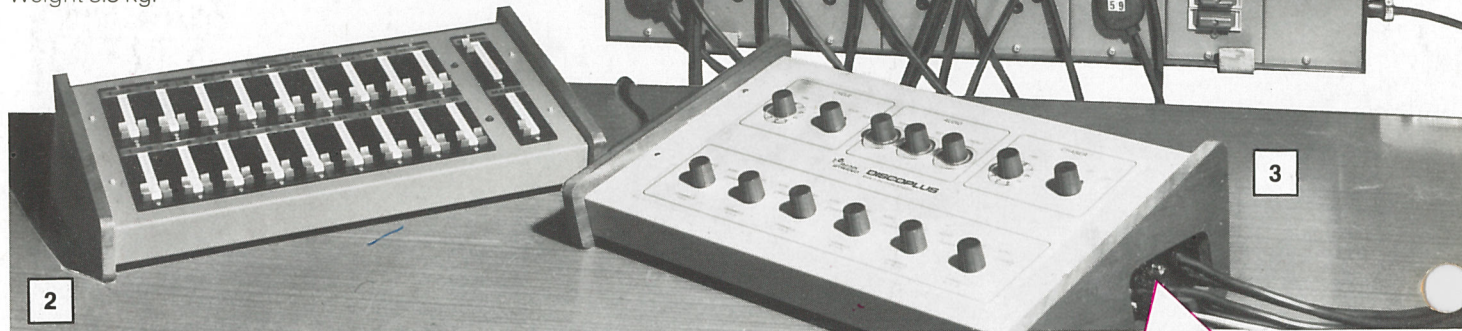
1. Mini-2 + portable dimmer pack each with six 2000 watt max. Thyristor dimmers and twin socket outlets. Width 830mm, height 260mm, depth 160mm. Weight 22 kg.

Three packs required to use the Discoplus to the full.

2. Mini-2 + 18-channel 2-preset desk each preset with accurate wirewound channel levers and master dimmer. Width 480mm, max. height 135mm, depth 280mm. Weight 4.7 kg. 12, 24 and 30-channel 2-preset and 6-lever desks also available.

Optional addition to Discoplus to provide manual control of the same dimmers.

3. Discoplus 18-channel max. in six groups of three each selectable to Cycle, Audio or Chaser modulation facilities each with internal plug-in printed circuit card. Width 480mm, max. height 135mm, depth 280mm. Weight 3.5 kg.



CONTROL DESKS

Feature polished hardwood ends, integral handles and grey bonded vinyl-faced metalwork. Extra-low voltage internal wiring extended to 2m external length of sheathed cable fitted with an 8-pin plug for each multiple of 6 control channels.

Discoplus, 18-channel maximum with Cycle, Audio and Chaser modulation facilities. Phono and 5-pin DIN sockets for sound signal input and three 8-pin sockets to mate with optional lever desk.

Order Code

12-channel, 2-preset lever desk 04 787 04
 18-channel, 2-preset lever desk 04 788 0T
 24-channel, 2-preset lever desk 04 789 05
 30-channel, 2-preset lever desk 04 790 03
 10-metre 6-channel control extension cable 04 739 09
 30-metre 6-channel control extension cable 04 753 00
 Cables fitted with mating plug and socket.

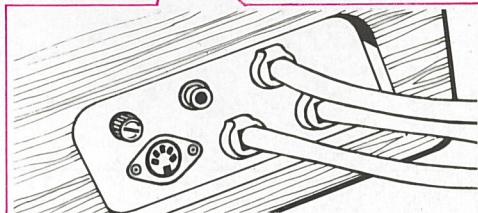
DIMMER PACKS

Free standing sheet metal construction with grey vinyl faceplates. Each pack contains six RFI suppressed Thyristor dimmers with substantial inductive filters. Each dimmer rated for 2000 watt max. tungsten lamp load. Pressure-pad terminals provided for incoming 50Hz supply. 8-pin socket for control signal input. Ventilation louvres must not be obstructed.

6-dimmer pack for 220/240v 50Hz single phase supply, with shrouded-contact fuse holders for close excess current protection. Twin 15 amp 3-pin socket outlets and neon pilot to each dimmer. 04 784 08

As above, but twin 5 amp sockets 04 757 02
6-dimmer pack for 220/380v 50Hz three phase and neutral supply. Neozed fuse holders and twin Schuko outlets. *Not for UK where 2m phase separation is required.*

04 785 03
 Pair of brackets for wall mounting a dimmer pack. 04 783 02



2m long control signal output cables with 8-pin plug, each to mate with one 6-dimmer pack. Can be extended by 10m or 30m 6-channel control extension cables.

Phono socket for low level, medium impedance sound signal input.
 5-pin DIN socket for high level stereo, low impedance sound signal input.
 Gain control for sound signal input.
 Opposite end contains three 8-pin sockets for control signal cables from optional Mini-2+ 2-preset lever desk.



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