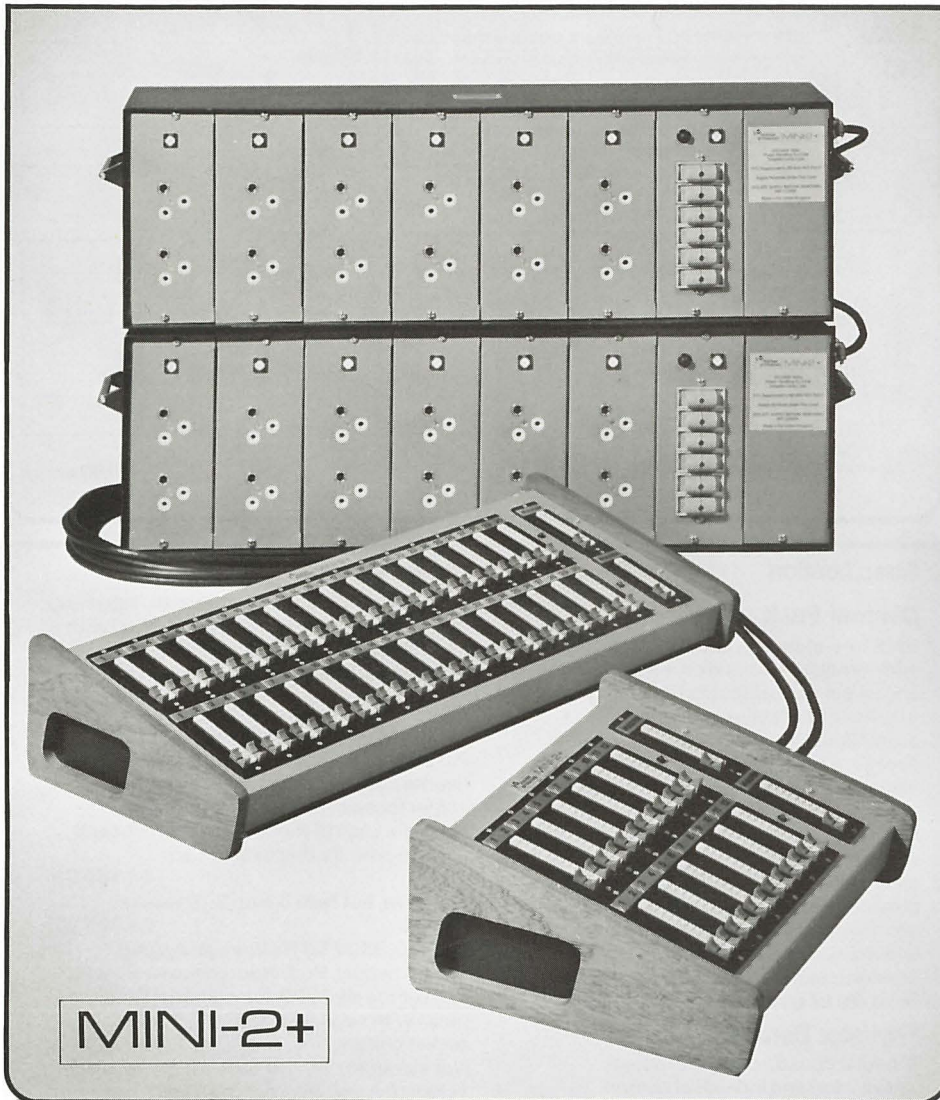




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A Division of Rank Audio Visual Limited



Mini-2+ Packaged Lighting Controls

220/240v
 50Hz

Mini-2+ desks and dimmer packs combine to form a complete range of lighting controls all equally suitable for portable use or for permanent installation.

The 2-preset desks, for 36, 30, 24, 18 or 12 dimmer channels, simply plug-in to the required number of 6-dimmer packs, each Thyristor dimmer controlling up to 2000 watt of tungsten lamp load through twin socket outlets. For remote operation the 2 metre control cable to each 6-dimmer pack can be extended by a 10 or 30 metre plug-in extension cable.

The desks, with polished hardwood end-cheeks and integral handles, have two sets of fader levers, each with a master fader. Whilst one set, with the master fader at full, actively controls the lighting in use, the other set can be used to preset the precise intensity levels required for the next lighting picture. The two separate master faders allow a crossfade, or a lead or a lag change, from one preset to the other. Coloured pilot lights provide a quick visual reminder of which row of faders is active. The fader levers are purpose-designed and are wirewound to ensure that a lighting effect can be accurately reproduced on either of the two presets.

The same facilities are provided on the Mini-Tour, an 18-channel 2-preset desk built into a hard top carrying case for touring. For just 6-channels a simple 6-lever control box is available.

The lightweight dimmer packs each contain six totally self-contained Thyristor dimmers and all power distribution including HRC fuse-links providing close-excess current protection. Each dimmer module has its own temperature stable trigger card, substantial filter and a neon pilot to provide a visual check on the status of the fuse-link. Because each 6-dimmer pack is self-contained, requiring only a 220/240 volt 50Hz supply, they need not be sited together but can be positioned to be convenient for plugging-in and patching the load circuits.

It is not necessary to have the full complement of 6-dimmer packs initially – these can be added as funds accumulate.

Specification overleaf



Specification

Control Desks

36, 30, 24, 18 and 12-channel 2-preset desks have polished hardwood end-cheeks, integral handles and grey bonded vinyl faced metalwork. Rubber feet for table-mounting and keyhole slots for reverse slope wall-mounting.

Mini-Tour 18-channel 2-preset desk is built into high quality, hard top carrying case.

Fader Levers

Precision black mouldings with fixed, flat scale in contrasting white, shared between two adjacent-numbered levers; effective scale length 63mm graduated 0 through to 10 with half divisions. Each lever has a bold, channel identification number and is fitted with a concave finger-rest knob fully insulated from a three-point brush assembly of a wirewound potentiometer.

Facilities

Two fader levers for each control channel are mounted one above the other in a 2-preset network with a proportional master fader for each row at the right hand side. For preset identification the top row of fader levers, including the master fader, is fitted with red operating knobs and the bottom row with green operating knobs. Coloured l.e.d. indicators provide a visual reminder of which preset is active. The 6-channel control box has six direct-acting fader levers only.

Desk Variants

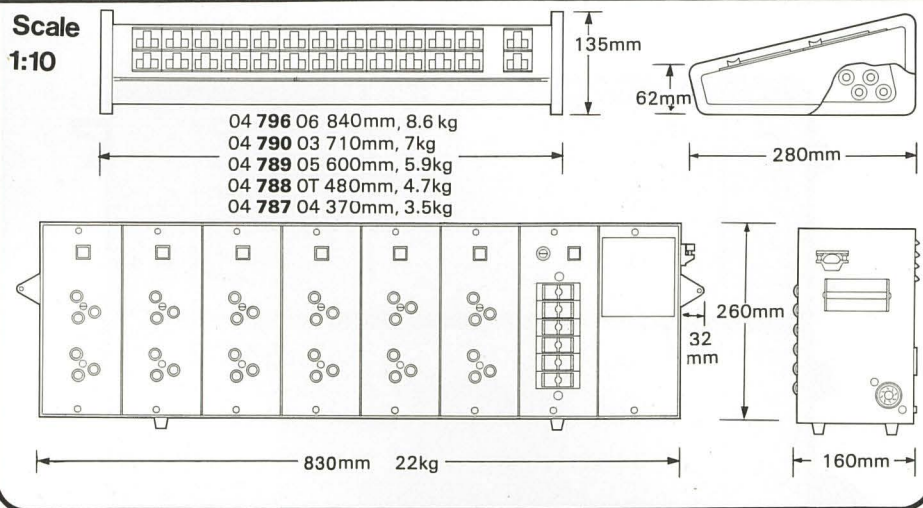
36-channel, 2-preset desk	04 796 06
30-channel, 2-preset desk,	04 790 03
24-channel, 2-preset desk,	04 789 05
18-channel, 2-preset desk,	04 788 0T
Mini-Tour 18-channel, 2-preset desk built in a travelling case,	04 758 08
12-channel, 2-preset desk,	04 787 04
6-lever control box,	04 736 02

Each multiple of 6 channels requires one 6-dimmer pack. Alternatively each multiple of 12 channels can be used with a Perma 12 rack.

Control Wiring

The internal wiring of each desk is extended to a 2 metre external length of PVC 250V insulated and sheathed cable secured by a cable grip and fitted with an 8-pin plug, for each multiple of six dimmer channels. This 8-pin plug mates with the socket provided on each 6-dimmer pack. Extra-low voltage D.C. power supplies for the desk are derived from each dimmer pack. The length of the control cables can be extended in multiples by the following which are fitted with a mating plug and socket.

10 metre (33 ft) 6-channel control extension cable,	04 739 09
30 metre (98 ft) 6-channel control extension cable,	04 753 00



Specification

Dimmer Pack

Each free-standing, sheet metal pack fitted with handles houses six dimmer modules and all power distribution including HRC fuse links for close-excess current protection. The plain faceplate provides access to pressure-pad terminals for the incoming 50 HZ supply (including an earth continuity conductor). The right hand end has a cable grip for the supply, and an 8-pin socket to mate with control cable, or extension cable, from the desk. Rear cover provides access to internal wiring and power unit for desk. Ventilation louvres in the base, spaced by rubber feet, and in the back provide adequate natural ventilation but must not be obstructed.

Thyristor Dimmer Modules

Modular construction with power distribution and individual control connections through pressure-pad terminals. Each module self-contained with its own temperature and long term stable trigger card and a pair of Thyristors, surge and continuously rated for 2000-watt maximum 220/240V tungsten filament lamps connected through twin socket outlets on the faceplate which also includes a neon pilot to show the status of the fuse-link in the power distribution.

Finish

Dark green enclosure with grey bonded vinyl faceplate.

Filter Performance

To professional theatre standards. Incoming supply and each dimmer output fitted with radio frequency filters in addition to a substantial inductive filter to each dimmer module.

Dimmer Pack Variants

For 220/240V 50Hz, single phase and neutral supply. With shrouded-contact fuse holder for each of the six 2000-watt dimmers each of these with neon pilot and twin 15 amp 3 pin socket outlets.

04 784 08

As above, but twin 5 amp 3-pin socket outlets.

04 757 02

For 220/380V 50 Hz three phase and neutral supply. With Neozed fuse holder for each of the six 2000-watt dimmers each of these with neon pilot and twin Schuko socket outlets.

04 785 03

Not suitable in U.K. or where 2 metre phase separation required. For 3-phase distribution in U.K. Perma 12 dimmer racks for permanent installation can be used.

Accessories

Pair of brackets for wall-mounting a dimmer pack

04 783 02

Mini-Patch

Mini-Patch patching unit to join 'hard' load wiring to 24 flexible cables each with 15A plugtop. Each cable combed through angled panel.

04 798 07

