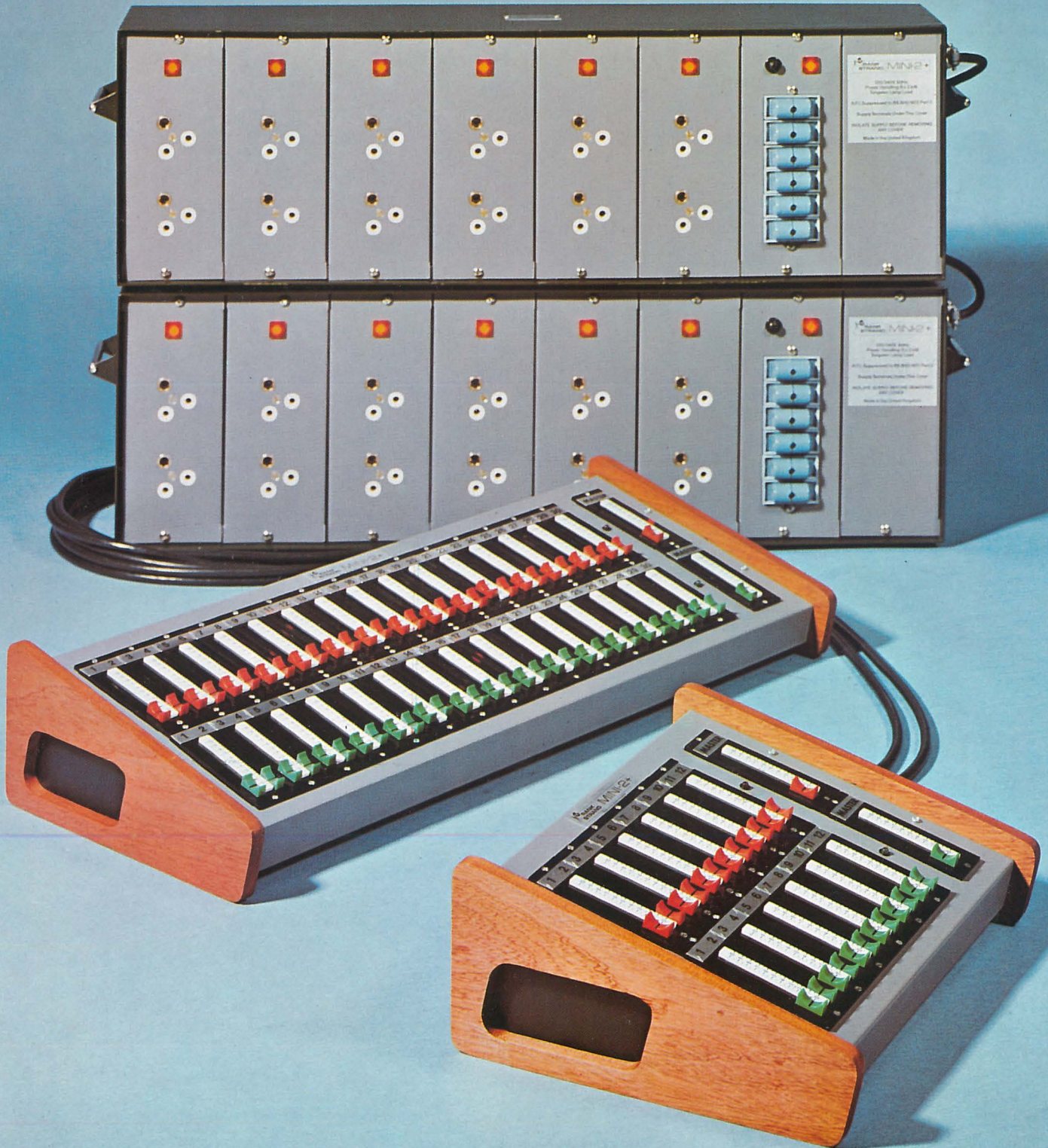


RANK STRAND ELECTRIC

MINI-2+

LIGHTING CONTROL



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Mini-2+ is more, much more than a lighting control for small-scale stage lighting installations – now Mini-2+ has been expanded to a whole range of 19 different desks, Thyristor dimmer packs and accessories, all packaged and available off-the-shelf.

There is a complete range of 2-preset desks for up to 36 control channels to give local or remote control of portable dimmer packs each containing six 2000 watt Thyristor dimmer modules, or alternatively wall-mounting Perma-12 racks containing twelve dimmer modules. Mini-2+ is built to present-day professional theatre standards and both the desks and dimmer packs are equally suitable for portable use or permanent installation. Mini-2+ facilities have a classic simplicity and experimentation with coloured and directional light requires no special operator skills. Mini-2+ is equally suitable for meticulous composition of relative intensity levels which can be reproduced exactly at every performance but without inhibiting flashes of inspiration or changes to meet the unforeseen needs of the moment. The operator does not have to be tucked away out of sight to wrestle with a multiplicity of switches and hand-sized knobs but has the opportunity to

concentrate on the end result – the lighting. All this, plus style, electronic integrity, reliability and an attractive price makes the Mini-2+ excellent value for money and allows the lighting to make a positive contribution to each performance.

The 2-preset desks, for 36, 30, 24, 18 or 12-dimmer channels have a two metre long control cable for each multiple of 6-channels to plug in to a portable 6-dimmer pack or to the twin-socket accessory associated with Perma 12 racks. For remote control operation the desk control cables can be lengthened with 10 or 30 metre plug-in extension cables. Each variable-load dimmer controls a maximum of 2000 watts of tungsten lamp load connected through twin socket outlets on 6-dimmer packs or by 'hard', permanent wiring to terminals on Perma 12 racks.

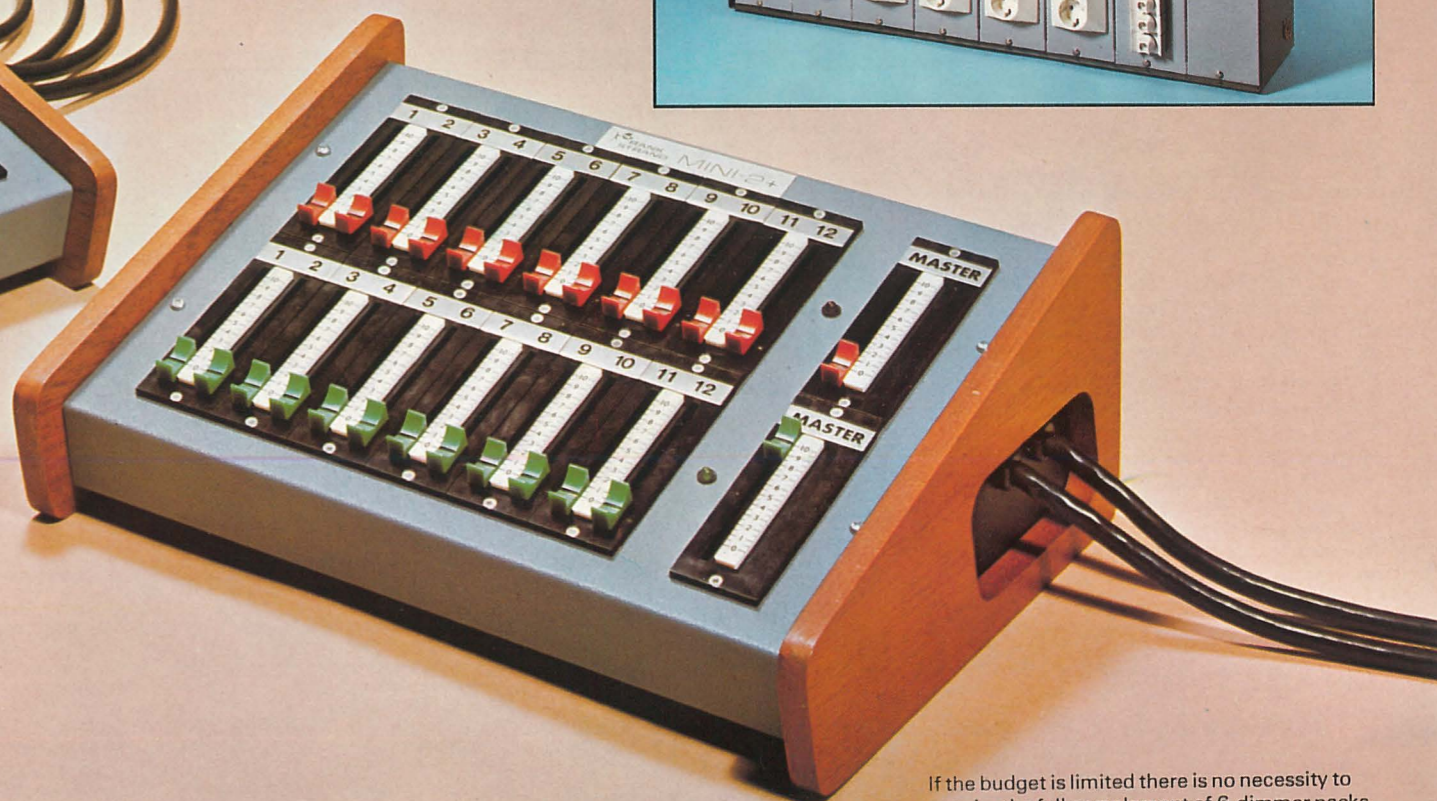
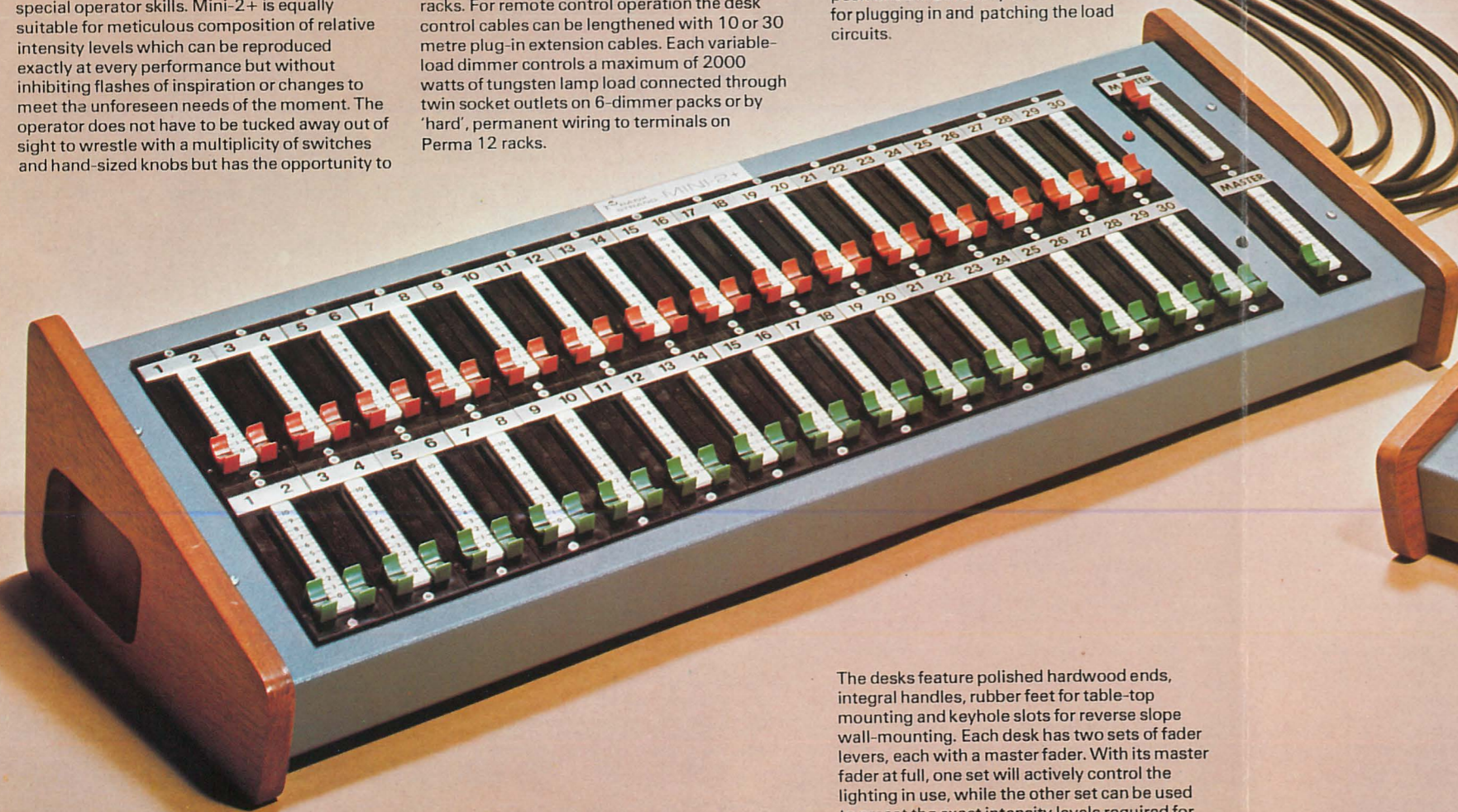
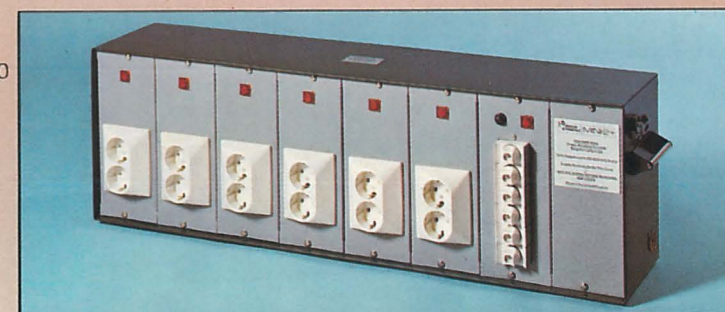


The Mini-Tour is built into a lockable, hard briefcase. This 18-channel, 2 preset desk offers the ultimate in portability and is purpose-designed for touring.

The lightweight sheet metal dimmer packs each contain six totally self-contained Thyristor dimmers and all power distribution including HRC fuse links to provide close-excess current protection. Each dimmer module has its own temperature stable trigger card, substantial filter, r.f. suppression 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 200/240 volt 50Hz supply, they need not be sited together but can be positioned individually to be convenient for plugging in and patching the load circuits.

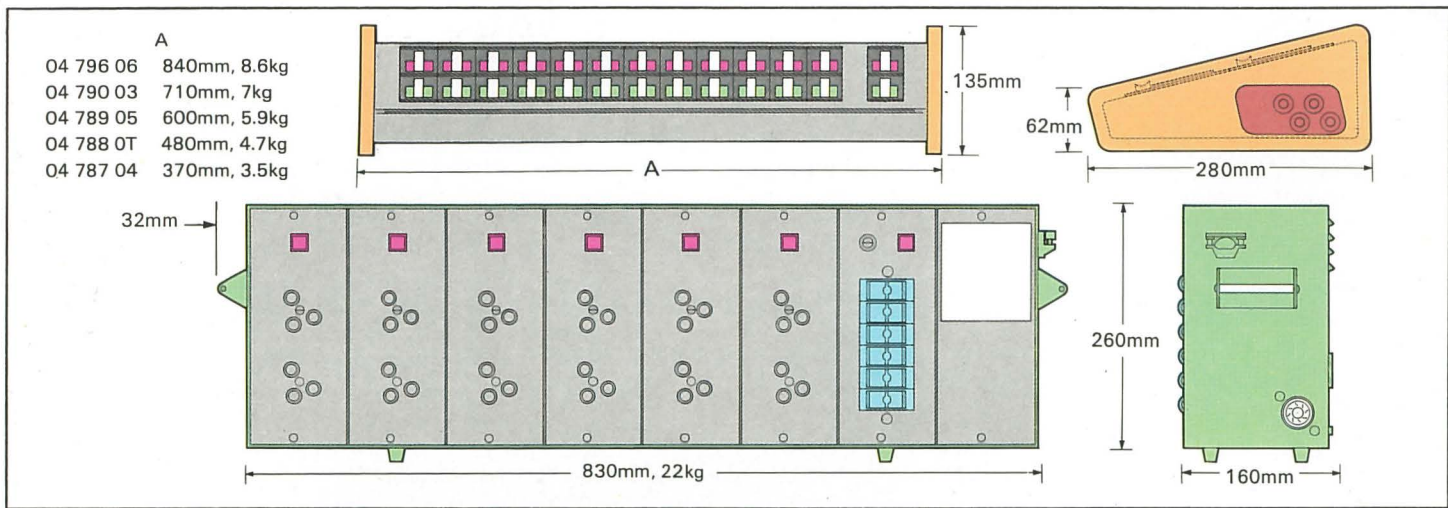


Illustrated right, is the Mini-2+ 6-dimmer pack designed for continental use. This pack offers exactly the same facilities but requires a 220/380 volt 50Hz three phase and neutral supply. The pack includes a Neozed fuse holder for each of the six 2000 watt dimmers, with neon pilot and twin Schuko socket outlets.



The desks feature polished hardwood ends, integral handles, rubber feet for table-top mounting and keyhole slots for reverse slope wall-mounting. Each desk has two sets of fader levers, each with a master fader. With its master fader at full, one set will actively control the lighting in use, while the other set can be used to preset the exact intensity levels required for the next scene. The two separate faders allow a cross-fade, or a lead, or a lag change from one preset to the other. 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.

If the budget is limited there is no necessity to acquire the full complement of 6-dimmer packs initially. For example, an 18-channel desk can operate only six channels. The desire to expand to more dimmer channels is predictable and it pays to have a larger capacity desk than immediate aspirations. Mini-2+ packs can be used to complete previous Mini-2 controls.



SPECIFICATION

Control desks

Feature polished hardwood ends, integral handles and grey bonded vinyl-faced metalwork. Mini-Tour 18-channel preset desk is built into a lockable, top quality, hard briefcase.

Fader levers

Precision black mouldings with wirewound potentiometer and fixed, flat scale in white. Effective scale length 63mm graduated from 0 through 10 with half divisions.

Desk variants

36-channel, 2 preset desk	Order code	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 in hard briefcase		04 758 08
12-channel, 2 preset desk		04 787 04
6-lever control box		04 736 02

Discoplus kinetic lighting desk with Cycle, Audio and Chaser modulation for up to 18 channels. With 6 selector switches, each for 3 channels, to vary which channels are grouped to which modulation. 04 769 19
Each multiple of 6 channels requires one 6-dimmer pack. Alternatively each multiple of 12 can be used with a Perma 12 rack.

Control wiring

Extra-low voltage internal desk wiring is extended to a two metre external length of 250 volt PVC insulated sheathed cable. Fitted with an 8-pin plug for each multiple of 6-dimmer channels.

Control cables can be extended in multiples by the following:

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

All extension cables fitted with mating plug and socket.

Dimmer packs

Free standing. Sheet metal construction, dark green with grey bonded vinyl faceplates. Each pack houses six dimmer modules and all power distribution including HRC fuse links for close excess-current protection. Plain faceplate provides access to pressure-pad terminals for the incoming 50Hz supply (including earth continuity conductor). Rear cover provides access to internal wiring and desk power unit. Ventilation louvres must not be obstructed.

Thyristor dimmer modules

Of modular construction with power distribution and individual control connections through pressure-pad terminals. Each module contains two Thyristors, surge and continuously rated for 2000 watt maximum 220/240 volt tungsten filament lamps connected through twin socket outlets. 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 220/240 volt 50Hz single phase and neutral supply. Shrouded-contact fuse holder for each of the six 2000 watt dimmers. Each of these with a neon pilot and twin 15 amp 3-pin socket outlets. 04 784 08

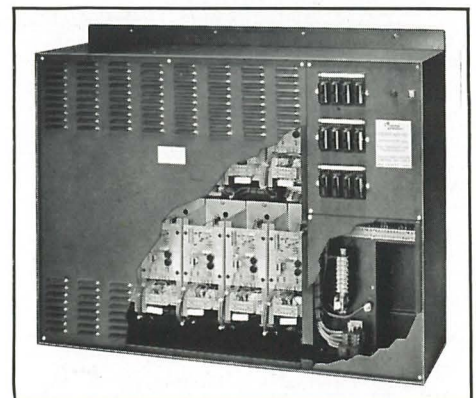
As above, but twin 5 amp 3-pin shuttered socket outlets. 04 757 02

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

Not suitable in the UK or where two metre phase separation is required. 04 785 03

Accessories

- Transit cover to fit over front of portable packs 04 021 06
- Pair of wall-mounting brackets for a 6-dimmer pack 04 783 02
- Mini-Patch** to join 'hard' load wiring to 24 flexible cables, each cable combed through angled panel and fitted with 15-amp. 3-pin plugtop 04 798 07
- Perma 12** compact, wall-mounting rack of 12 self-contained 2kW max. 220/240V 50Hz Thyristor dimmers for permanent installation and 'hard' load wiring. For single or three phase and neutral supply with three blocks of four 440V rated, shrouded-contact fuse holders and fuse links for close-excess current protection 04 797 01
- Perma 12** as above, but Neozed fused 04 797 1T
- Twin 8-pin control socket box (necessary to interconnect each Perma 12 rack with desk) 04 799 02



Perma 12 rack, 890mm wide, 690mm high including fixing flange, 210mm deep.



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