



STAGE LIGHTING PRICE LIST

PURCHASE PRICES PAGES 1-8 HIRE CHARGES PAGES 9-12

ALL PURCHASE PRICES AND HIRE CHARGES ARE SUBJECT TO 10% V.A.T.

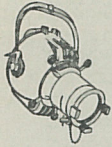
AUGUST 1972

Reprinted April 1973

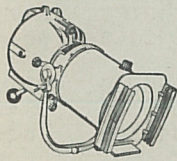
This list cancels all previous lists.

Prices apply in the U.K. only.

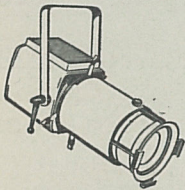
PROFILE SPOTS



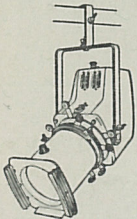
Patt 23 250/500 watt



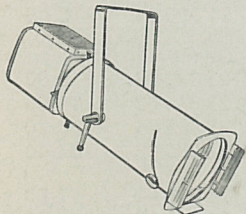
Patt 23N 250/500 watt



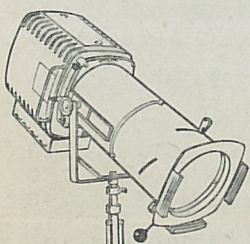
Patt 763 1000 watt tungsten halogen



Patt 264 1000 watt



Patt 774 1000 watt tungsten halogen



Patt 765 1000 watt CSI

These project a hard-edge beam of any profile determined by the shape of the gate aperture using the built-in shutters between the reflector system and the lens.

Patt 263 and 264 models can be supplied for pole-operation of pan and tilt.

Prices of Profile, Bi-focal and Follow spotlights include tilting fork, one frame for colour, 1 metre external length of heat-resisting cable (except Patt 253, 293) but *do not include* lamp, colour filter or suspension clamp.

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Patt 23 250/500 watt, 20° beam angle, with 4 built-in beam shaping shutters, and gate runners. P.28s holder for Class T/1 lamp

Patt 23/H As above, but fitted with handle

Patt 23F 250/500 watt, 30° beam angle, with 4 built-in beam shaping shutters

Patt 23F/H As above, but fitted with handle

Patt 23W 250/500 watt, 36° beam angle, with 4 built-in beam shaping shutters

Patt 23W/H As above, but fitted with handle

12-leaf iris diaphragm for any Patt 23

Adjustable straight-edge mask for any Patt 23

Diffuser glass in frame for Patt 23, 23W

Set of four fixed-aperture masks for any Patt 23

Patt 23N 250/500 watt, 11° beam angle, with iris diaphragm, 4 built-in beam shaping shutters and rear handle

Patt 763 1000 watt tungsten halogen, 20° beam angle, with 4 built-in shutters, gate runners, twin 6-in dia. P.C. lens, handle, and GX9.5 holder for Class T/9 or CP/48 lamp

Patt 763F 1000 watt tungsten halogen, 24° beam angle, Fresnel lens, otherwise as above

Patt 763W 1000 watt tungsten halogen, 30° beam angle, otherwise as Patt 763

Patt 263 1000 watt, 20° beam angle, with 4 built-in shutters, gate runners, 6-in dia. Fresnel lens, and pretilted P.28s holder for Class T/4 lamp

Patt 263W 1000 watt, 26° beam angle, P.C. lens, otherwise as Patt 263

12-leaf iris diaphragm for any Patt 763, 263, 773

Patt 253 2000 watt, 24° beam angle, with 4 built-in beam shaping shutters, built-in 18-leaf iris and internal terminal block to P.40s holder for A1/218 or CP/28 lamp

BIFOCAL SPOTS

Patt 764 1000 watt tungsten halogen, 20° beam angle, with 4 hard-edge and 4 soft-edge shutters, gate runners, twin 6-in dia. P.C. lens, handle, and GX9.5 holder for Class T/9 or CP/48 lamp

Patt 764W 1000 watt tungsten halogen, 30° beam angle, otherwise as Patt 764

Patt 774 1000 watt tungsten halogen, long range 12° beam angle, with 4 hard-edge and 4 soft-edge shutters, gate runners, twin 8-in dia. P.C. lens, handle, and GX9.5 holder for Class T/9 or CP/48 lamp

Patt 264 1000 watt, 17° beam angle, with 4 hard-edge and 4 soft-edge shutters, gate runners and pretilted P.28s holder for Class T/4 lamp

Patt 264W 1000 watt, 26° beam angle, otherwise as Patt 264

12-leaf iris diaphragm for any Patt 764, 774, 264

FOLLOW SPOTS

Patt 293 2000 watt, 15° beam angle, with built-in 18-leaf iris and blackout disc, 4 built-in shutters, handles, spigot for stand, and internal terminal block

Patt 765 1000 watt CSI, 14° beam angle, built-in iris, horizontal and vertical strip shutters, handles, built-in EHT starter unit; complete with external regulation unit and tripod stand

Hand-operated magazine for 4 colours for Patt 765 or 293

Mechanical dimming shutter assembly for Patt 765

Order Code	£
20 01 003	16-20
20 01 109	17-10
20 01 204	17-60
20 01 30T	18-50
20 01 405	17-60
20 01 500	18-50
23 363 09	1-80
23 364 04	0-50
23 374 01	0-60
23 362 03	0-40

20 02 000 27-60

21 03 004 51-00

21 03 10T 40-80

21 03 205 51-00

20 17 001 36-00

20 17 202 40-20

23 625 04 3-40

20 16 004 95-00

21 04 001 53-40

21 04 107 53-40

21 07 003 70-80

20 18 009 43-40

20 18 20T 45-00

23 625 04 3-40

20 20 005 116-00

21 05 009 342-00

23 636 07 21-00

23 740 06 22-20

FRESNEL SPOTS

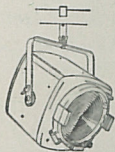
PURCHASE
PRICES



Patt 45 250/500 watt

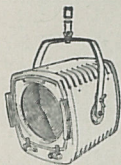


Patt 123 250/500 watt

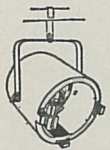


Patt 743 1000 watt
tungsten halogen

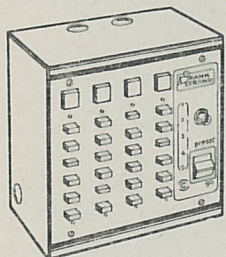
Patt 223 1000 watt



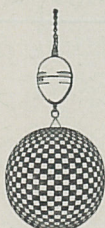
Patt 243BP 2000 watt



Patt 750 1000 watt
tungsten halogen



6-unit control box for colour
change wheels



Mirror Ball with Rotator

These provide a soft-edged circular beam which is variable in spread from an intense near-parallel beam to a medium angle flood. Prices of Fresnel spotlights include tilting fork, one frame for colour, 1 metre external length of heat-resisting cable (except TV Polestar models) but *do not include* lamp, colour filter or suspension clamp.

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	Order Code	£
Patt 45 250/500 watt, 4½-in dia. lens, 14°/45° beam spread, slide focus	20 03 008	9-00
Patt 123 250/500 watt, 6-in dia. lens, 26°/51° beam spread, slide focus	20 06 00T	16-00
Patt 123/C As above, but with coloured lens	20 06 105	16-80
4 door rotatable barndoor attachment for Patt 123 only	23 132 02	2-60
Superior barndoor attachment for Patt 123 or 123 Polestar	23 131 07	5-90
Flame Flicker AC motor driven effect for Patt 123	24 640 08	29-00
Patt 743 1000 watt tungsten halogen, 8-in dia. lens, 15°/82° beam spread, lead screw focus and GX9-5 holder for Class T/9 or CP/48 lamp	21 00 002	29-00
Patt 743/C As above, but with coloured lens	21 00 108	29-90
Patt 223 1000 watt, as above, but P.28s holder for Class T/6 lamp	20 11 008	24-00
Patt 223/C As above, but with coloured lens	20 11 103	24-90
4-door rotatable barndoor attachment for any Patt 743, 223	23 633 00	7-00
Patt 243 1000 watt, 10-in dia. lens, 16°/50° beam spread, lead screw focus and large prefocus lampholder	20 13 002	38-60
Patt 243/C As above, but with coloured lens	20 13 108	39-60
Patt 243 BP 2000 watt, 10-in dia. lens, 16°/50° beam spread, lead screw focus and Bipost lampholder for CP/12, or CP/41 tungsten halogen lamp	20 13 203	38-60
Patt 243BP/C As above, but with coloured lens	20 13 309	39-60
4-door rotatable barndoor attachment for Patt 243, 243BP or 243TV	23 133 08	8-20
Patt. 743TV Polestar, GX9-5 holder for 1000 watt tungsten halogen lamp, 15°/82° beam spread, arranged for pole operation of pan, tilt and focus (hook coupling). Fitted with TV spigot, lens guard, carrying handles and internal terminal block	21 00 203	58-80
Patt 243TV Polestar, Bipost holder for 2000 watt lamp, wide 18°/55° beam spread. Pole operation and fittings as above	20 13 404	62-20
8-ft pole for Polestar units, hook coupling	23 590 03	9-50
4-ft extension pole for 590	23 591 09	6-20

BEAMLIGHT

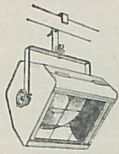
Patt 750 1000 watt tungsten halogen, 10-in dia. parabolic reflector, 9°/18° near-parallel beam spread, lead screw focus and GX9-5 holder for Class T/9 or CP/48 lamp

21 01 00T 30-00

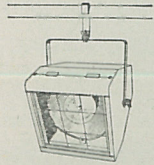
SPOTLIGHT ACCESSORIES

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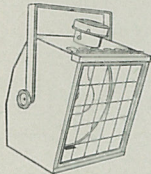
	Order Code	£
Colour change wheel, 200/250V AC motor drive for Patt 23, 23F, 23W	23 382 08	13-80
Colour change wheel, 200/250V AC motor drive, for Patt 123	23 410 00	16-30
Colour change wheel, 200/250V AC motor drive, for Patt 23N II, 263, 264	23 622 08	16-30
Set of five Cinemoid colours (Nos. 33, 11, 41, 36, 52) for 382	31 388 00	0-30
Set of five Cinemoid colours, as above, for 410, 622	31 390 04	0-35
1-unit control box for five position or continuous control of one colour change wheel, with cartridge fuse, 200/250V AC	23 383 03	9-80
2-unit control box, otherwise as above, with master switch	23 384 09	14-00
4-unit control box, otherwise as above	23 385 04	20-30
6-unit control box, otherwise as above	23 389 06	34-40
Hand operated colour wheel for Patt 23, 23F, 23W	23 376 02	7-90
Set of five Cinemoid colours (Nos. 33, 11, 41, 36, 52) for above	31 377 08	0-30
Mirror Ball, 12-in dia. with alternate coloured mosaic surface	23 107 08	22-40
Mirror Ball, 16-in dia. otherwise as above	23 108 03	29-80
Mirror Ball, 24-in dia. otherwise as above	23 651 04	72-60
Rotator, 200/250V AC motor drive, for 107, 108, 651	23 110 07	17-40
Hand-operated magazine for four colours for Patt 293, 253, 765	23 636 07	21-00
Eddiscope effect, AC motor drive multi-colour disc and set of pattern masks, for Patt 23, 23W	23 746 09	12-00
Eddiscope multi-colour disc only, for use with colour change motor drive	23 747 04	2-70
Set of five pattern masks, plus one blank	23 748 0T	2-10
3½ × 5 PC lens (additional) to convert Patt 23 to Patt 23W	27 310 01	1-40
Conical narrow angle lens front to convert any Patt 23 to narrow 11° beam	23 355 02	12-10
3½ × 9 PC lens (additional) to convert Patt 264 to Patt 264W	27 644 09	1-60



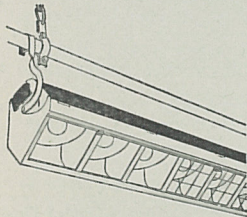
Patt 137
150/200 watt Flood



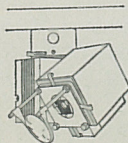
Patt 60 300/500 watt Flood



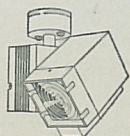
Patt 49 1000 watt Flood



Patt S/63 Batten



Mini-Profile with integral transformer



Mini-Fresnel with integral transformer

FLOODLIGHTS

PURCHASE
PRICES

These all provide a fixed, wide angle beam spread.

Prices of individual Floodlights include tilting fork, one frame for colour (except Patt 149TV), 1 metre external length of heat-resisting cable (not Patt QGR.4, QGR.2) but *do not include* lamp, colour filter, or suspension clamp.

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Patt 137 150/200 watt Flood , 105° beam spread	Order Code	£
Masking Hood for Patt 137	20 07 007	5-40
Patt 60 300/500 watt Flood , 90° beam spread	23 245 00	0-70
Patt 49 1000 watt Flood , 120° beam spread	20 05 002	11-40
Patt 149TV 1000 watt Scoop , 120° beam spread, with wire guard and TV spigot	20 04 005	28-80
Patt QGR.4 4×625/750 watt tungsten halogen Groundrow , 4-ft length, 70° above horizontal beam spread, for four linear lamps on 4 circuits, curved colour frames	20 08 10T	15-80
Patt QGR.2 2×625/750 watt tungsten halogen Groundrow , 2-ft length	21 10 007	51-70
	21 11 004	37-20

BATTEN/BORDERLIGHT

Prices of each length include a pair of hangers to fix to 1½-in ext. dia. pipe, terminal blocks at each end of the wiring trough and short cables to enable lengths to be joined end to end to make up the total length required. One set of colour frames are included but prices *do not include* colour filters or lamps.

Patt S/63 6-ft Batten , 8×150 watt reflectors on 3 circuits	20 28 003	25-10
Patt S/64 6-ft Batten , 8×150 watt reflectors on 4 circuits	20 29 000	25-10
Patt S/34 3-ft Batten , 4×150 watt reflectors on 4 circuits	20 30 00T	17-20
Pair of floor brackets for groundrow	23 620 07	3-10
Set of four castors for floor brackets	23 621 02	2-00
Cable grip for multicore cable up to ¾-in diameter	23 519 04	0-65

FOOTLIGHTS

Prices of Patt S-/F Footlight include terminal blocks at each end of the wiring trough, short interconnecting cables, and set of colour frames. Patt JF includes short cables at one end, fixing bracket and floor plate, and clips for colour filter. Prices *do not include* colour filter or lamps.

Patt S/63/F 6-ft Footlight , 8×150 watt reflectors on 3 circuits	20 28 109	24-80
Patt S/64/F 6-ft Footlight , 8×150 watt reflectors on 4 circuits	20 29 106	24-80
Patt S/34/F 3-ft Footlight , 4×150 watt reflectors on 4 circuits	20 30 105	16-90
Ref. 620 Pair of floor brackets for adjustable tilt groundrow	23 620 07	3-10
Set of four castors for floor brackets	23 621 02	2-00
Cable grip for multicore cable up to ¾-in diameter	23 519 04	0-65
Patt JF/3 3-ft Footlight , 4×40/60 watt BC lampholders on 1 circuit	20 31 007	7-60
Spare colour filter clip for Patt JF/3, JF/3E	23 250 00	0-02

MINISPOTS

Small, neat spotlights, for 12 volt 100 watt tungsten halogen lamps, providing adjustable beam distribution as employed in stage and studio lighting.

Each Minispot with an integral 240 volt input transformer is available for either ceiling-fixed Lytespan 2 track interchangeable with Monopoint, or for ceiling mounting on a B.S.31 circular conduit box. Even more compact Minispots (requiring an external, concealed transformer) are available for either ceiling or for wall mounting. Finish: black.

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Mini-Profile

Four built-in shutters provide accurate control of beam shape with hard or soft beam edges. 25° max. spread.

Mini-Profile with integral transformer and fused Lytespan 2 adaptor	22 105 35	21-40
Mini-Profile with integral transformer and ceiling-mounting plate	22 105 00	17-80
Mini-Profile with ceiling-mounting plate (needs external transformer)	22 101 09	12-85
Mini-Profile with wall-mounting plate (needs external transformer)	22 101 33	13-25
240/12 volt 100 watt external transformer	22 677 05	3-50
100 watt 12 volt Rank Strand tungsten halogen lamp	34 017 18	1-61
Lens hood, optional clip-on accessory for Mini-Profile	22 666 02	1-00
Additional lens and slide-on mount to increase to 50° max. spread	22 670 07	1-30
Slide-on holder for 1½-in disc of 'Cinemoid' colour filter	22 671 02	0-40

Mini-Fresnel

Soft-edged beam, spread variable by rear push-pull knob

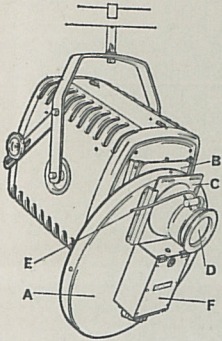
Mini-Fresnel with integral transformer and fused Lytespan 2 adaptor	22 106 30	19-55
Mini-Fresnel with integral transformer and ceiling-mounting plate	22 106 06	15-95
Mini-Fresnel with ceiling-mounting plate (needs external transformer)	22 104 05	11-00
Mini-Fresnel with wall-mounting plate (needs external transformer)	22 104 3T	11-40
240/12 volt 100 watt external transformer	22 677 05	3-50
100 watt 12 volt Rank Strand tungsten halogen lamp	34 017 18	1-61

EFFECTS PROJECTORS & ACCESSORIES

PURCHASE PRICES

The majority of projected moving effects require an Effects Spot, a moving effects attachment, and an objective lens. Scene projection requires a slide carrier and a turntable front instead of an effects attachment.

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Patt 252 2000 watt

Moving effects disc and objective lens. The disc housing (A) can be rotated by means of the integral turntable (B). The runners (C) are for the objective lens (D) and for colour filter or mask if necessary. A retainer spring (E) is provided for the lens. The speed and direction of the projected effect is adjustable within the motor housing (F).

Patt 252 1000/2000 watt, 6-in dia. 3-element condenser lens

Turntable front only for slide carrier

Metal slide carrier for two 3½×4-in or 3½-in square slides

Order Code	£
20 15 007	94.20
24 154 04	9.60
24 156 05	18.10

Patt 752 4000 watt, 110 volt, 10-in dia. 4-element condenser lens; including slide carrier for 7×7-in slides, reducers for 5×5-in slides, adaptor for moving effects attachments and mount for ref. 393 objective lens. Silent internal fan, anti-surge limiter, and braced stand

Transformer for Patt 752. 200/250V input, 4kVA at 110V output

20 24 004	770.00
24 522 0T	108.00

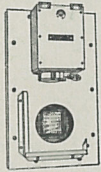
HIGH DEFINITION OBJECTIVE LENSES

	Order Code	£
4-in, focus f1.9. Dallmeyer, micrometer focusing	24 391 06	nett 84.00
Lens backplate for above	24 392 01	5.40
6-in, focus f1.9. Dallmeyer, micrometer focusing	24 393 07	nett 140.00
Lens backplate for above	24 394 02	5.40

OBJECTIVE LENSES

commercial quality, slide focusing and with backplate.

	Order Code	£
2½-in focus	24 151 08	19.20
3-in focus	24 152 03	19.20
4-in focus	24 153 09	19.20
Adjustable metal mask	24 343 00	2.00
Beam divertor mirror for above	24 346 07	3.50



Box type effect.

MISCELLANEOUS EFFECTS

Forked Lightning, hand-operated with one slide for use with Effects Spots, objective lens required

Flame Flicker AC motor driven, for Patt 123, no objective lens required

Mica Cloud Slide for Patt 23, 23F, 23W

Eddiscope effect, AC motor driven, for Patt 23, 23W, no objective lens required

Tubular Ripple, self-contained but excluding 1000 watt lamp, AC motor drive 30×4-ft spread at 6-ft throw

Smoke box, 750/1000 watt heater element, with terminal block

Flash box, fitted with 5ft 6-in flexible cable

See *PYROTECHNICS* leaflet for full details of smoke powders, flash powder etc.

Order Code	£
24 148 09	31.80
24 640 08	29.00
24 512 02	2.60
23 746 09	12.00
24 342 05	51.40
24 165 07	8.60
24 169 09	13.20

MOVING EFFECTS ATTACHMENTS

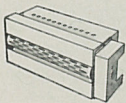
Disc Type 18½-in dia. AC motor drive	Order Code	£
Thunder Clouds	24 653 01	58.40
Fleecy Clouds	24 134 0T	58.40
Storm Clouds	24 135 05	58.40
Rain	24 136 00	62.00
Snow	24 137 06	59.40
Running Water	24 138 01	74.60
Smoke	24 140 05	69.40
Flames	24 141 00	69.40
Chromosphere	24 667 00	74.00
Dissolving Colours	24 147 03	69.40
Psychedelic Mk II	24 723 04	76.00
Kaleidosphere	24 724 0T	106.00

Box Type 17½×10½-in AC motor drive

Order Code	£	
Sea Wave	24 143 01	59.40
Water Ripple	24 144 07	62.40
Under Sea	24 145 02	60.60

U.V. EQUIPMENT & PAINTS

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Ref. 342 Tubular Ripple

Patt 230 U.V. Display Flood for 125-watt U.V. black-bulb lamp

125-watt choke for use with Patt 230 AC only

4-ft batten type fitting with control gear for U.V. tube

4-ft fitting, as above, but with single reflector

Order Code	£
20 12 005	6.80
33 405 03	4.10
33 379 01	4.20
33 379 1T	5.60

FLUORESCENT PAINTS

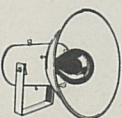
Weights are approximate

U.V.11 Blue, fluorescing blue	10 oz. tin	33 011 00	1.30
U.V.12 White, fluorescing blue	10 oz. tin	33 012 06	1.30
U.V.14 Green, fluorescing green	10 oz. tin	33 014 07	1.30
U.V.15 Yellow, fluorescing yellow	10 oz. tin	33 015 02	1.30
U.V.16 Orange, fluorescing amber	10 oz. tin	33 016 08	1.30
U.V.17 Cream, fluorescing white	10 oz. tin	33 017 03	1.30
U.V.18 Pink, fluorescing pink	10 oz. tin	33 018 09	1.30
U.V.19 Flame, fluorescing red	10 oz. tin	33 019 04	1.30
U.V.20 Cerise, fluorescing dark red	10 oz. tin	33 020 02	1.30
U.V.21 Invisible*, fluorescing blue	8 oz. tin	33 021 08	1.40*
U.V.23 Invisible*, fluorescing green	8 oz. tin	33 023 09	1.40*

*U.V.21 and U.V.23 are not intermixable with other colours.

U.V.10 Special Undercoat for U.V.10-20	10 oz. tin	33 010 05	0.95
U.V.28 Special thinners for U.V.10-20	8 oz. tin	33 028 06	0.65
U.V.30 Clear protective varnish	10 oz. tin	33 030 0T	0.95

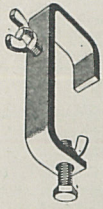
Postage and packing: Add 30p if order for paint under £5.



Patt 230 with 125 watt U.V. Bulb.

CLAMPS, STANDS & BRACKETS

PURCHASE PRICES
ALL PRICES ARE SUBJECT
TO 10% V.A.T.



Ref. 483 Hook Clamp

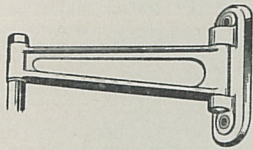
1 7/8-in external dia. steel pipe, 8, 10, 12 or 14 ft lengths *per ft*
1 7/8-in external dia. alloy pipe, 8, 10, 12 or 14 ft lengths *per ft*
Clamping plate to join 1 7/8-in external dia. pipe end-to-end
Hook clamp for 1 7/8-in ext. dia. pipe
Safety chain, 22-in long, with clip hook
1 1/8-in dia. TV spigot for Patt 23, 123, 223, 263, 264, 743, 763, 764
1 1/8-in dia. TV spigot for Patt 49, 243, 252, 253, 293, 294,
Hook clamp for TV spigot and 1 7/8-in ext. dia. pipe

Spigot adaptor, 3/8-in thread, for Patt 23, 45, 60, 123, 137, 223, 263, 264
Spigot adaptor, 1/2-in thread, for Patt 49, 149, 243, 252, 253, 293
Telescopic stand, 52-89-in. Will accept 484 or 487 spigot
Junior telescopic stand, 43-77-in. Will accept 484 only
Tripod base double-extension 12 ft max tall stand. Will accept 484 spigot
Tripod base, braced stand supplied with TV spigot for Patt 252, 265, 293
Braced telescopic stand, 34-49-in. Will accept 484 or 487
Set of three castors for 626-628, 656
Low stand, 8 1/2-in high. Will accept 484 or 487 spigot
Double-extension castored stand for TV spigot

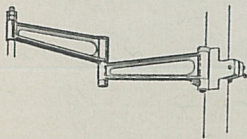
Clamp to join 1 7/8-in ext. dia. pipe at right angles
Bracket for rigid fixing of 1 7/8-in ext. dia. pipe to wall
Swivel arm boom bracket for vertical 1 7/8-in dia. pipe
Double-swivel arm boom bracket, otherwise as above
Fixed boom bracket for vertical 1 7/8-in dia. pipe
Swivel arm wall bracket
Double-swivel arm wall bracket
Fixed wall bracket for two small spots, one above one below
Adaptor for 247 or 251 to take two small spots side by side
Spare threaded stem for swivel arm brackets
Ceiling plate, or base, for Patt 23, 45, 123, 223, 263, 264, 743, 763, 764
Ceiling fixing saddle

Brackets 238, 247, 248, 251, 252 are not suitable for Patt 49, 149, 243, 252, 253, 293, 294.

Order Code	£
26 025 06	0.22 nett
26 655 05	0.33 nett
26 629 05	0.95
26 483 07	0.33
26 064 0T	0.26
26 592 03	0.90
26 593 09	0.90
26 594 04	3.80
26 484 02	0.26
26 487 09	0.26
26 626 09	12.50
26 627 04	8.30
26 742 06	22.80
26 741 00	18.70
26 628 0T	22.10
26 630 03	1.50
26 656 00	5.00
26 702 07	30.50
26 654 0T	0.60
26 631 09	1.70
26 251 05	5.50
26 252 00	7.70
26 255 07	1.20
26 247 00	3.10
26 248 06	5.30
26 238 09	0.85
26 486 03	0.35
26 195 01	0.26
26 367 0T	0.80
26 259 09	0.65



Ref. 247 Swivel arm bracket



Ref. 252 Double-swivel arm boom bracket

CABLES & CONNECTORS

ALL PRICES ARE SUBJECT TO 10% V.A.T.

MULTICORE CABLE

Tinned copper stranded conductors, numbered cores Butyl insulated and Nylas sheathed overall.

	1-49 metres per metre		50 metres and over per metre	
	Order Code	£	Order Code	£
9-core, 8 amp	35 051 02	1.45	35 051 10	1.30
15-core, 6 amp	35 053 03	2.30	35 053 11	2.10
25-core, 5 amp	35 055 04	3.75	35 055 12	3.40

CONTROL CABLE

Copper stranded conductors, PVC insulated, colour coded and PVC sheathed. Price per metre as above.

7-core, 1 amp	35 600 08	0.25	35 600 16	0.19
12-core, 1 amp	35 601 03	0.33	35 601 11	0.27

P.V.C. FLEXIBLE CORD

Copper stranded conductors, PVC insulated, 3-core colour-coded, made circular with wormings and PVC sheathed.

	per metre		50 metre coil	
	Order Code	£	Order Code	£
6 amp, 0.75mm ²	35 602 09	0.11	35 602 17	5.00
10 amp, 1mm ²	35 603 04	0.12	35 603 12	5.60
15 amp, 1.5mm ²	35 604 0T	0.16	35 604 18	7.50

T.R.S. FLEXIBLE CORD

Copper stranded conductors, VRI insulated, 3 core colour-coded, made circular with wormings and tough rubber sheathed.

	per metre		50 metre coil	
	Order Code	£	Order Code	£
6 amp, 0.75mm ²	35 605 05	0.12	35 605 13	5.60
10 amp, 1mm ²	35 606 00	0.14	35 606 19	6.45
15 amp, 1.5mm ²	35 607 06	0.19	35 607 14	8.50

FLY RAIL PLUG & SOCKET BOXES

Constructed in sheet steel with recessed socket panel carrying flush BS.546 15 amp 3-pin sockets and supplied with mating rubberclad plugtops.

	Order Code	£
6 way 15 amp	26 422 08	12.70
10 way 15 amp	26 429 06	17.90
Connector box only, with terminals for 12 circuits and cable gland	26 020 09	6.20

FLEX CONNECTORS

	Order Code	£
5 amp 3-pin rubberclad flex-socket	35 610 05	0.31
5 amp 3-pin rubberclad plugtop	35 611 00	0.20
15 amp 3-pin rubberclad flex-socket	35 612 06	0.37
15 amp 3-pin rubberclad plugtop	35 613 01	0.26

STAGE DIP TRAPS

	Order Code	£
Castings with hinged lid provided with cable inlet.		
1/2 way Dip Trap only, for flush fitting.	26 190 04	4.90
3/4 way Dip Trap only, for flush fitting.	26 192 05	7.60

PLUG AND SOCKET BOXES

For under Stage Dip Traps, etc. Angled sheet steel box, with removable lid fitted with flush B.S.546 3-pin sockets and supplied with mating rubberclad plugtops.

	Order Code	£
2 way 5 amp	26 176 02	4.60
3 way 5 amp	26 177 08	6.10
4 way 5 amp	26 178 03	6.90
2 way 15 amp	26 180 07	4.90
3 way 15 amp	26 181 02	6.45
4 way 15 amp	26 182 08	7.55

INTERNALLY WIRED BARRELS

These consist of 1 7/8-in ext. dia. alloy pipe with PVC insulated wiring brought to short tails at each equidistant lantern position and terminated in 5 or 15 amp 3-pin flex sockets supplied with mating rubberclad plugtops. The other end of the wiring terminates in a numbered terminal box at one end. Constructed in two or more lengths joined by a clamping plate.

Prices on application

State length, number of circuits, and whether 5 amp or 15 amp flex sockets required.

**LIST OF
"CINEMOID"
COLOURS**

1. Yellow
2. Light Amber
3. Straw
4. Medium Amber
5. Orange
- 5A Now 58
6. Red (Primary)
7. Light Rose
8. Deep Salmon
9. Light Salmon
10. Middle Rose
11. Dark Pink
12. Deep Rose
13. Magenta
14. Ruby
15. Peacock Blue
16. Cyan (Blue-Green)
17. Steel Blue
18. Light Blue
19. Dark Blue
20. Deep Blue (Primary)
21. Pea Green
22. Moss Green
23. Light Green
24. Dark Green
25. Purple
26. Mauve
27. Smoky Pink

32. Medium Blue
 33. Deep Amber
 34. Golden Amber
 35. Deep Golden Amber
 36. Pale Lavender
 38. Pale Green
 39. Primary Green
 40. Pale Blue
 41. Bright Blue
 42. Pale Violet
 43. Pale Navy Blue
 45. Daylight
 46. Chrome Yellow
 47. Apricot
 48. Bright Rose
 49. Canary
 50. Pale Yellow
 51. Gold Tint
 52. Pale Gold
 53. Pale Salmon
 54. Pale Rose
 55. Chocolate Tint
 56. Pale Chocolate
 57. Pink
 58. Deep Orange
 60. Pale Grey
 61. Slate Blue
 62. Turquoise
 63. Sky Blue
 66. Pale Red
 67. Steel Tint
 68. Giselle Blue
-
29. Heavy Frost
 30. Clear
 31. Light Frost
-
69. Ariel Blue

A 'Cinemoid' Reference Book can be purchased for 20p, nett, cash with order.
Order code 30 260 01

'CINEMOID' COLOUR FILTERS

PURCHASE PRICES
ALL PRICES ARE SUBJECT TO 10% V.A.T.

"The trade mark 'Cinemoid' denotes a particular brand of self-extinguishing acetate sheeting which is made in England specially for use as colour filters and is distributed throughout the world by Rank Strand Electric"

COLOURS 1-27, 32-68

Sheet 28×25-in 30 270 09 52p
Sheet 56×25-in 30 271 04 104p

COLOURS 29, 30, 31, 69 ONLY

Sheet 24½×21-in 30 267 0T 35p
Sheet 49×21-in 30 268 05 70p

Postage and packing: Add 30p if order under £5

COLOUR FRAMES AND 'CINEMOID' CUT TO SIZE

Postage and packing: Add 30p if order under £5

	Frames only	'Cinemoid' only
	each	each
11¾×11¾-in for Patt 60, 243, 253, 293	27 061 0T 43p	31 061 04 20p
16½×16½-in for Patt 49	27 067 02 58p	31 067 07 30p
5¾×5¼-in for Patt 45 (millboard)	27 076 04 8p	31 076 09 4p
9¼×8-in for Patt 137, S, S-/F	27 240 09 20p	31 240 03 8p
4×4-in for Patt 23, 23F, 23W	27 359 0T 20p	31 359 04 3p
6½×6½-in for Patt 123	27 401 04 52p	31 401 09 6p
9¼-in dia. for Patt 501 M magazine	27 495 01 £2.20	31 495 06 12p
8½×8½-in for Patt 223, 743, 773, 774	27 632 00 28p	31 632 05 12p
5¾×5¼-in for Patt 45 (metal)	27 650 04 23p	31 650 09 4p
6½×6½-in for Patt 23N II, 263, 264	27 661 07 22p	31 661 01 6p
17⅞×12⅞-in for Patt 249	27 722 08 72p	31 722 02 28p
Curved frame for Patt QGR.4, QGR.2	27 726 0T 75p	31 726 04 21p
7½×7½-in for Patt 763, 764	27 754 00 24p	31 754 05 8p
Set of five cut filters for Patt 23 colour change wheel		31 388 00 30p
Set, as above, for Patt 23N, 123, 263, 264 colour change wheels		31 390 04 35p
Set, as above, for Patt 23 hand-operated colour wheel		31 377 08 30p
<i>'Cinemoid' colour filters Nos. 33, 11, 41, 36, 52, will be supplied</i>		
'Cinemoid' colour filter for GES underwater lampholder		31 474 06 35p

LAMPS

ALL PRICES ARE SUBJECT TO 10% V.A.T.

GENERAL LIGHTING SERVICE (G.L.S.)

150 watt clear, single coil, E.S. base, for Patt 137, S, S-/F
200 watt clear, single coil, E.S. base, for Patt 137
300 watt clear, single coil, G.E.S. base, for Patt 60
500 watt clear, single coil, G.E.S. base, for Patt 60
1000 watt clear, single coil, G.E.S. base, for Patt 49

Order Code
34 101 04 11p
34 102 0T 14p
34 103 05 35p
34 104 00 50p
34 105 06 99p

INTERNALLY SILICA COATED LAMPS

40 watt opal, B.C. base only, for Patt JF/3
60 watt opal, B.C. base only, for Patt JF/3
1000 watt opal, G.E.S. base, for Patt 149TV

34 106 01 10p.
34 107 0T 10p.
34 108 02 £2.0

PROJECTION LAMPS Specify 220 volt or 240 volt.

250 watt Class T/3, P.28 base, for any Patt 23, 45, 123
250 watt †Class B1/7, P.28 base, for any Patt 23, 45, 123
500 watt Class T/1, P.28 base, for any Patt 23, 45, 123
500 watt †Class T/7, P.28 base, for any Patt 23, 45, 123
1000 watt Class T/4, P.28 base up, for any Patt 263, 264
1000 watt Class T/6, P.28 base, for any Patt 223
1000 watt Class T/2, P.40 base, for Patt 243 (not -BP, -TV)
1000 watt Class A1/188, P.40 base
2000 watt Class A1/218, P.40 base (Made in W. Germany)
2000 watt Class CP/12, G.38 base, for Patt 243BP, 243TV
4000 watt 4M/T32 110 volt only, G.38 base, for Patt 752 (Made in U.S.A.)
†Lamps for extended (800 hour) objective life with consequential reduced light output.

£
34 109 08 1-73
34 110 06 1-91
34 111 1T 2-46
34 112 15 3-31
34 114 16 4-65
34 115 11 5-27
34 122 04 3-11
34 118 0T 3-18
34 119 13 8-47
34 120 11 7-85
34 121 09 25-20 nett

TUNGSTEN HALOGEN LAMPS

100 watt 12v Class M/28 pin base for Minispots (Made in Holland)
250 watt 24v Class A1/223 pin base for any Patt 202
250 watt 24v Class M/33 as above, but extended life
625 watt Class P2/10, R7S caps, 200 hour, for Patt QGR.4
750 watt Class K/3, R7S caps, 2000 hour, for Patt QGR.4
1000 watt Class T/9 GX9.5 base, 400 hour, for Patt 743, 750, 763/4, 773/4
1000 watt Class CP/48, GX9.5 base, 200 hour, for Patt 743, 750, 763/4, 774
2000 watt Class CP/41, G.38 base, 200 hour, for Patt 243BP, 243TV
2000 watt Class CP/28, P.40 base, 100 hour

£
34 017 18 1-61
34 201 09 2-08
34 202 04 2-31
34 203 07 5-20
34 204 05 4-22
34 206 06 7-51
34 214 02 13-02
34 207 01 15-48
34 208 07 11-55

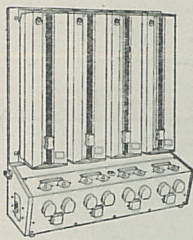
SPECIAL-PURPOSE LAMPS

40 watt 4-ft U.V. tube, Bi-pin caps, for 379
125 watt U.V. bulb, 3-pin B.C. base, for Patt 230
400 watt Compact source mercury halide (CSI) lamp, for Patt 265
500 watt Internally silvered reflector, G.E.S. base, for 479
1000 watt Compact source mercury halide (CSI) lamp, for Patt 765
1000 watt Class FL/2, G.E.S. base, for 342

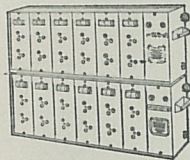
34 209 02 7-04
34 210 00 3-78
34 212 01 7-25
34 113 10 5-77
34 213 07 18-64
34 123 18 6-55

LIGHTING CONTROLS

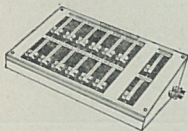
PURCHASE PRICES
ALL PRICES ARE SUBJECT TO 10% V.A.T.



Junior 8



Ref. 737 Mini-2 2-preset desk with two Ref. 735 6-dimmer packs



JUNIOR 8 200/250 volt AC only, single phase.

Junior 8 Eight 5 amp control channels sharing four 500/1000 watt slider dimmers. Cordless circuit to allow each channel to be switched full-on, off, or on-dimmer and all channels to be faded-in or out simultaneously. Cartridge fuses, 5 amp 3 pin B.S. socket, white plugtop to each channel

Slave 8 As above, but extension unit
Spare 5 amp 3 pin white plugtop for additional circuit

Order Code	£
00 616 08	72.00
00 617 03	72.00
00 618 09	0.18

MINI-2 RANGE, 220/250 volt 50Hz, each dimmer pack single phase only.

Lightweight 6x2000 watt maximum Thyristor dimmer packs with twin socket outlets to each dimmer. Mini-desks for 6, 12, 18 or 24 control channels with 2 metre control cables to plug-in to 1, 2 or 3 dimmer packs. For remote operation the short control cable to each dimmer pack can be extended by a 10 metre (33-ft) or 30 metre (98-ft) extension cable which is complete with mating plug and socket.

6-channel, 6-lever shallow desk (requires one 6x2kW dimmer pack)	04 736 02	17.00
12-channel, 2-preset shallow desk (requires two 6x2kW dimmer packs)	04 737 08	66.00
18-channel, 2-preset shallow desk (requires three 6x2kW dimmer packs)	04 738 03	89.00
24-channel, 2-preset shallow desk (requires four 6x2kW dimmer packs)	04 779 08	150.00

Dimmer Pack for 220/250v 50Hz single phase supply. Six 2kW max. Thyristor dimmers each with shrouded-contact fuse holder and twin 15-amp 3-pin socket outlets.

Dimmer Pack, as above, but with twin 5-amp 3-pin socket outlets.

10 metre (33-ft) 6-channel control extension cable, mating plug and socket.
30 metre (98-ft) 6-channel control extension cable, mating plug and socket.

04 735 07	176.00
04 745 04	176.00
04 739 09	5.40
04 753 00	11.50

Auto Pak, self-contained dimmer pack providing automatic 3-colour cycle or manual control of three Mini-2 2kW. Thyristor dimmers each with twin 15-amp 3-pin socket outlets. Cycle time, overlap and low-limit variable.
Auto Desk, plug-in desk providing the above facilities, for use with any Mini-2 6x2kW. dimmer pack.

04 762 02	200.00
04 761 07	100.00

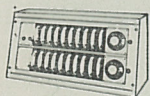
Discodesk, plug-in desk with selector switch for each of two groups of three control channels giving a choice of frequency-selective sound/light conversion with individual gain controls, a Peaked/Normal switch and automatic delayed-action compensation for low or no sound signal; or variable speed automatic colour cycle with Stop/Run facility; or Light/Shadow variable-rate chaser switching; or manual control from individual dimmer levers. Low limit controls for each group of three channels. For use with any Mini-2 6x2 kW. dimmer pack.

04 769 00	119.00
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Sound Pak, self-contained dimmer pack providing frequency-selective sound/light conversion or manual control of three Mini-2 2kW. Thyristor dimmers each with twin 15-amp 3-pin socket outlets. Sensitivity, low-limit and response rate variable.

04 767 0T	198.00
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REMOTE LIGHTING CONTROLS



Type JP.20 Remote control

All the control systems listed below incorporate our type JTM dimmers in standard racks housing twenty, or ten, 2kW. max. 200/250v 50Hz dimmer modules. Variations available include superior filtering for television applications and 5kW. max. dimmers. Prices for the 110/120v 60Hz range, for plug-in dimmer modules and for all dimmer memory systems are subject to quotation. The phase to neutral voltage should be stated at time of order.

The prices for the control systems shown below are intended for budgeting use only and do not include V.A.T. All these controls are subject to specific, individual quotation.

System JP, 2-preset desk, reversible for table or wall-mounting, complete with 2kW. max. JTM dimmers.

Type JP.20/2	20-channel	Budget £915
Type JP.30/2	30-channel	£1,450

System JP, 3-preset near-vertical wing unit, complete with 2kW. max. JTM dimmers.

Type JP.40/3	40-channel	Budget £1,975
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System SP, 2-preset, 2 group desk, reversible for table or wall-mounting, complete with 2kW. max. JTM dimmers.

Type SP.20/2	20-channel	Budget £1,015
Type SP.30/2	30-channel	£1,500
Type SP.40/2	40-channel	£1,850

System SP, 3-preset, 2 group free-standing low-back desk, with lever grouping switches, complete with 2kW. max. JTM dimmers.

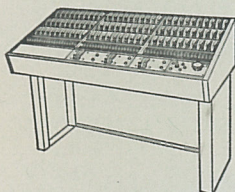
Type SP.40/3	40-channel	Budget £2,400
Type SP.60/3	60-channel	£3,300
Type SP.80/3	80-channel	£4,300

System 'Threeset'. 3-preset, 3 groups to each preset by lever switches. Desk and shaped wing. Complete with 2kW. max. JTM dimmers.

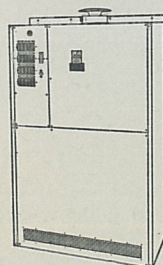
Threeset 60	60-channel	Budget £4,500
Threeset 80	80-channel	£5,500
Threeset 100	100-channel	£6,400
Threeset 120	120-channel	£7,300

System 'Lightset'. 3-preset, 2 group with transfer facilities to each preset. Selection and indication by luminous dimmer levers. Low-back desk for 40, 60, 80 channels; wing and desk for larger. Complete with 2kW. max. JTM dimmers.

Lightset 40	40 channel	Budget £3,900
Lightset 60	60-channel	£5,900
Lightset 80	80-channel	£7,900
Lightset 100	100-channel	£9,300
Lightset 120	120-channel	£11,100
Lightset 140	140-channel	£12,800



Type SP.60 Remote control



Type JTM Dimmer rack

THYRISTOR UNIT DIMMERS

200/250 volt AC only.
Constant-rated variable-load Thyristor dimmers with substantial filter. Ratings are for tungsten filament lamps. A single load circuit, to be controlled by a dimmer lever, requires a Type TU. Two or more load circuits, to be controlled either collectively or individually by dimmer levers, require one Type MTU dimmer and Type TU for the remaining circuits. For Up, Down, or to Preset intensity control from parallel-connected push-button sets one Type PTU dimmer is required and Type TU for the remaining circuits.

ALL PRICES ARE SUBJECT TO 10% V.A.T.

		Order Code	£
Type TU.50	5000-watt max.	01 00 504	55-00
Type TU.20	2000-watt max.	01 00 208	40-00
Type MTU.50	5000-watt max.	01 01 501	56-00
Type MTU.20	2000-watt max.	01 01 205	41-00
Type PTU.50	5000-watt max.	01 02 509	71-00
Type PTU.20	2000-watt max.	01 02 202	56-00
1-lever control box with terminals		05 00 116	9-00
2-lever control box with terminals		05 00 124	9-60
4-lever control box with terminals		05 00 140	13-00
6-lever control box with terminals		05 00 167	16-20
8-lever control box with terminals		05 00 183	19-60
10-lever control box with terminals		05 00 203	21-40

For colour cycle dimmers see Mini-2 Auto range page 7

UNDERWATER LIGHTING

	Order Code	£
GES underwater lampholder for 500 watt internally silvered lamp with 6½-in long ⅝-in dia. spigot	23 479 03	6-30
Colour filter holder assembly for above	23 476 07	1-20
Cinemoid colour filter cone for above	31 474 06	0-35

SPARE LAMPHOLDERS

porcelain bodies

	Order Code	£
Bayonet Cap (B.22), recessed type, for Patt JF/3	27 490 04	0-30
Edison Screw (E.27), recessed type, for Patt JF/3, 137, S, S-/F	27 491 0T	0-35
Goliath Edison Screw (E.40) for Patt 49, 60, 543, 560	27 492 05	0-80
Medium Prefocus (P.28), for any Patt 23, 45, 123, 223, 263, 264	27 493 00	0-60
Large Prefocus (P.40) for Patt 93, 243, 253, 293	27 494 06	1-40
Bi-post (Bi 38) with lever lock, for Patt 243BP, 243TV, 152, 752	27 498 08	1-00
Medium Bipost (G.22) lampholder, for Patt 765	27 668 05	4-90
GX9-5 lampholder with heat-sink, for Patt 743, 750, 763/4, 773/4	27 734 06	4-00

SPARE LENSES

	Order Code	£
6×9-in PC lens for Patt 23N	27 304 06	3-70
6×8-in PC lens for Patt 263W and 264	27 306 07	4-10
3½×5-in PC lens for Patt 23, 23W, 52, 523, 523W	27 310 01	1-40
10-in dia. Fresnel lens for Patt 143, 243, 243BP, 543	27 317 0T	3-70
As above, but colouved, for Patt 243/C	27 317 18	4-70
8×13-in PC lens for Patt 93, 253	27 369 07	9-50
4½-in dia. Fresnel lens for Patt 45	27 409 08	1-00
10×20-in PC lens for Patt 93N, 293	27 482 08	23-00
6-in dia. Fresnel lens (wide) for Patt 123	27 503 0T	1-60
As above, but colouved for Patt 123/C	27 503 18	2-40
6×8-in colouved Fresnel lens for Patt 263, 763F	27 623 09	2-00
8-in dia. Fresnel lens for Patt 223, 223TV Polestar, 743	27 634 01	2-80
As above, but colouved for Patt 223/C, 743/C	27 634 1T	3-70
3½×9-in PC lens for Patt 263W, 264W	27 644 09	1-60
6×12-in PC lens for Patt 763W, 764W	27 698 07	5-00
10×40-in PC lens for Patt 765	27 699 02	29-00
8×26-in PC lens for Patt 773, 774	27 704 04	12-00
6×16-in PC lens for Patt 501, 763, 764	27 706 05	7-00

Rank Strand products are covered by a standard form of guarantee applicable to goods purchased and used within the United Kingdom.

Prices apply in U.K. only and are subject to the Company's TERMS AND CONDITIONS OF BUSINESS obtainable on request

PURCHASE PRICES
ALL PRICES ARE SUBJECT TO 10% V.A.T.

SLIDER DIMMERS 200/250v AC only.
Graduated resistance windings. With scale, internal terminals and conduit/cable entry at base.

	Order Code	£
500/1000 watt	000 546 8	10-10
600/1200 watt	000 547 6	10-10
1000/2000 watt	000 548 4	20-00
500/1000 watt, top exit cord	000 556 3	10-10

ORCHESTRA LIGHTS

The orchestra stand is adjustable in height and has a lighting fitting with a B.C. lampholder and an adjustable spread shade. Supplied unwired.

	Order Code	£
Orchestra Stand	26 117 04	12-60
Lighting Fitting only	26 118 0T	4-40

EXIT BOXES

5-in high EXIT characters (to B.S.2560). Complete with one B.C. and one E.S. porcelain lampholder, for primary and secondary lighting, opal diffuser and provision for 'Cinemoid' colour filter.

	Order Code	£
Surface mounting, EXIT	23 500 08	5-90
Surface, but with opal base	23 514 07	6-60
Flush mounting, EXIT	23 515 02	6-80
Surface, EMERGENCY EXIT	23 500 16	6-90
Surface, EMERGENCY EXIT		
opal base	23 514 15	7-60
Flush, EMERGENCY EXIT	23 515 10	7-80

HIRE CHARGES

ALL CHARGES ARE SUBJECT TO 10% V.A.T.

AUGUST 1972
Reprinted April 1973

Any transaction made is subject to our current printed TERMS AND CONDITIONS OF BUSINESS, a copy of which will be supplied on request. In particular please note the Goods remain the Company's absolute property and the Customer undertakes to keep and return the Goods to the Company in good order and condition and to be responsible for any loss or damage to them and to insure them against all risks of loss or damage in the full reinstatement value thereof.

ORDERS All orders for hire of apparatus must be in writing and must state supply voltage, lamp wattage and whether clamp or stand is required.

HIRE CHARGES Hire charges are based on a period of one week or part thereof, irrespective of whether the goods are in use or not.

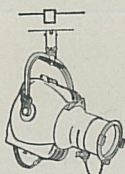
LAMPS The Company undertakes to maintain Lamps in the case of electrical failure under normal working conditions, but the customer must accept full responsibility for mechanical damage. A proportion of spare lamps is ordinarily included in each consignment.

All faulty lamps must be returned for inspection by the company otherwise they will be charged to customer's account.

DELIVERY Delivery is charged at cost. All apparatus is suitably packed, where necessary. Such packing must be used by Hirer when returning apparatus, otherwise it will be charged for. If any damage or shortage occurs in delivery, notice in writing must be given to the local depot of the Railway Executive or other carriers, within three days. Damaged goods should be retained with the original packing for a reasonable period for inspection by carriers and returned with other Hired Goods at conclusion of Hire period. Failure to observe this will result in Hirer being charged with cost of repair or replacement of damaged article(s).

RETURN OF GOODS All goods must be returned to the Branch from which received. Goods hired from London should be sent to Hire Stores at 8-12 Dolland Street, SE11 5LW (at rear 250 Kennington Lane—5 minutes drive from south end of Vauxhall Bridge).

APPARATUS Apparatus is hired complete (less colours) and while every endeavour will be made to supply lanterns as ordered, we reserve the right to substitute other designs when necessary.



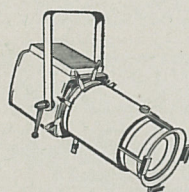
Patt 23 250/500 watt

PROFILE SPOTS

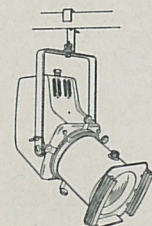
These project a hard-edge beam of any profile determined by the shape of the aperture at the gate between the reflector system and the lens.

The weekly hire charge also includes three empty colour frames, 30-ft of flexible cable with plug connectors, projector lamp and barrel clamp or telescopic stand (if required). Stand only for Patt 293, 265, 501, 765.

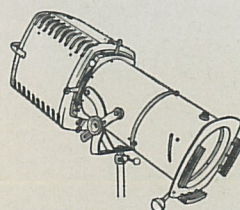
State voltage of supply, lamp wattage, and whether clamp or stand is required.



Patt 764 1000 watt tungsten halogen



Patt 263 1000 watt



Patt 293 2000 watt

ALL CHARGES ARE SUBJECT TO 10% V.A.T.

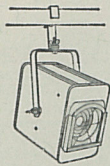
	£
Patt 23 250/500 Watt, 20° beam angle, with adjustable mask or iris diaphragm	1·10
Patt 23W 250/500 Watt, 36° beam angle, otherwise as Patt 23	1·10
Patt 23/S 250/500 Watt, 20° beam angle, with four built-in beam-shaping shutters	1·10
Diffuser glass in frame for Patt 23, 23/S, 23W	0·10
Patt 23N 250/500 Watt, 11° beam angle, otherwise as Patt 23	1·25
Patt 763 1000 Watt tungsten halogen, 20° beam angle, with four built-in beam shaping shutters	3·00
Patt 764 1000 Watt tungsten halogen, 20° beam angle, with four soft-edged and four hard-edged beam shaping shutters	3·00
Patt 263 1000 Watt, 20° beam angle, with four built-in beam shaping shutters and, if required, iris diaphragm	2·20
Patt 264 1000 Watt, 17° beam angle, with four soft-edged and four hard-edged shutters and, if required, iris diaphragm	2·20
Patt 264W 1000 Watt, 26° beam angle, otherwise as Patt 264	2·20
Patt 93 1000 Watt, 15° beam angle, with built-in iris diaphragm, adjustable mask, rear handle and six colour frames	3·50
Patt 93N 1000 Watt, 8° beam angle, otherwise as Patt 93	3·50
Patt 253 2000 Watt, 24° beam angle, with 4 built-in beam shaping shutters and built-in iris diaphragm	7·25
Patt 293 1000/2000 Watt, 15° beam angle, with built-in iris diaphragm and black-out disc, four built-in shutters, front and rear handles, 6 colour frames.	
With 1000-Watt projector lamp	4·65
With 2000-Watt projector lamp	7·25
Patt. 765 1000 Watt CSI, 14° beam angle, with built-in iris diaphragm, horizontal and vertical strip shutters, internal EHT starter unit, external regulation unit, with special tripod stand but excluding 1000 watt Compact Source Mercury Halide lamp which must be purchased (see page 6).	15·00
Patt 501 Sunspot Arc, 15° beam angle, with necessary inductor heavy stand, built-in iris and shutters, 5-colour magazine and 1 pair carbons	27·50
Colour Wheel, hand-operated, for Patt 23, 53, 93 or 501 (state which)	0·50
Colour Wheel AC motor-driven, for Patt 23, 23N, 53, 123, 263, 264 (state which)	1·50
Colour Change Wheel AC motor-driven with 5-position remote control box and 100-ft cable, for Patt 23, 23N, 123, 263, 264 (state which)	2·75

Note: Colour wheels are fitted with 'Cinemoid' Nos. 6, 41, 7, 22, 4

FRESNEL SPOTS

These provide a circular soft-edged beam free from filament striation. The beam spread is variable from an intense near-parallel beam to a medium angle flood.

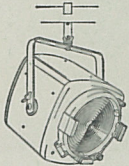
The weekly hire charge includes three empty colour frames, 30-ft of flexible cable with plug connectors, projector lamp and barrel clamp or telescopic stand (if required).



Patt 45 250/500 watt

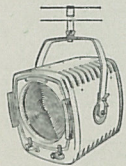


Patt 123 250/500 watt

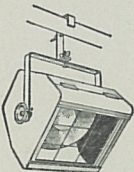


Patt 743 1000 watt tungsten halogen

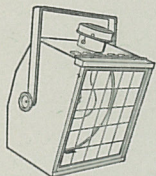
Patt 223 1000 watt



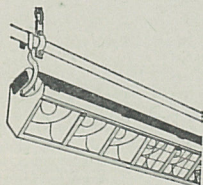
Patt 243 1000 watt



Patt 137 100/200 watt



Patt 49 1000 watt



S type Batten

State voltage of supply, lamp wattage, and whether clamp or stand is required.

	£
Patt 45 250/500 Watt, 4½-in dia lens, 14°/45° beam spread	0-80
Patt 123 250/500 Watt, 6-in dia. lens, 16°/43° beam spread	1-10
Four-door rotatable barndoor attachment for Patt 123	0-10
Patt 743 1000 Watt tungsten halogen, 8-in dia. lens, 15°/82° beam spread	2-20
Patt 223 1000 Watt, 8-in dia. lens, 15°/82° beam spread, T/6 lamp	2-20
Four-door rotatable barndoor attachment for Patt 743 or 223	0-25
Patt 243 1000 Watt, 10-in dia. lens, 16°/50° beam spread	1-90
Patt 243 BP 2000 Watt, 10-in dia. lens, 16°/50° beam spread	3-75
Four-door rotatable barndoor attachment for Patt 243, 243BP	0-25

BEAMLIGHT

Patt 750 1000 Watt tungsten halogen, 10-in dia. reflector, 9°/18° beam	3-60
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FLOODLIGHTS, BATTEN & FOOTLIGHT

These all provide a fixed wide angle beam and are used mainly for lighting parts of the setting such as door and window backings or a backcloth or cyclorama background. Footlights should never be used as a main source of illumination and are often better employed as groundrow at the base of a cyclorama. Floodlighting is too indiscriminate for use on open-stages.

The weekly hire charge also includes up to 30-ft of flexible cable with plug connectors and general service lamp(s), but does not include colour filters.

State voltage of supply, lamp wattage, and for compartment equipment the number of circuits required.

Patt 137 150/200 Watt, 105° beam spread, with three colour frames and barrel clamp	0-55
Masking Hood attachment for Patt 137	0-10
Patt 60, 500 Watt, 90° beam spread, with three colour frames and barrel clamp or telescopic stand (if required)	1-00
Patt 49, 1000 Watt, 120° beam spread, with three frames and telescopic stand or barrel clamp (if required)	1-15
S type Batten, 6-ft length with eight 150 Watt compartments on 2, 3 or 4 circuits, with one set of colour frames and, if required, suitable length of barrel with chain bridles	1-60
S type Footlight or Groundrow, 6-ft length with eight 150 Watt compartments on 2, 3 or 4 circuits, with one set of colour frames	1-60

EFFECTS PROJECTION

The majority of moving effects require an Effects Spot (Patt 52, 252, 152), a moving effects attachment, and an objective lens, as illustrated. Conventional stationary slides require a slide carrier and turntable front instead of an effects attachment.

State voltage of supply, lamp wattage, and whether clamp or stand is required.

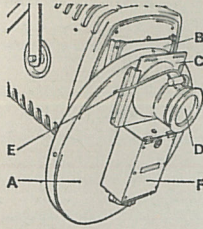
	£
Patt 202/K 250 Watt 24v Kaleidospot, with built-in transformer, motor drive, colour disc, pattern glass and two simple objective lenses. Supplied with plug connectors, barrel clamp or telescopic stand (if required) and projector lamp	2-00
Patt 202/SC, similar to Patt 202/K, but with Storm Cloud disc	2-00
Patt 202/FC, similar to Patt 202/K, but with Fleecy Cloud disc	2-00

Patt 52 1000 Watt, 5-in dia. 3-element condenser lens, with up to 30-ft flexible cable with plug connectors, barrel clamp or telescopic stand (if required) and Class A1 projector lamp	1-50
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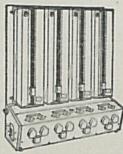
Patt 252 1000/2000 Watt, 6-in dia. 3-element condenser lens with up to 30-ft flexible cable with plug connectors, barrel clamp or telescopic stand (if required)	
With 1000-Watt projector lamp	4-65
With 2000-Watt projector lamp	7-25

Slide Carrier, for 3½-in square slides, with turntable front, for Patt 52, 252 with standard objective lens (STATE LENGTH OF THROW AND SIZE OF PICTURE)	0-75
Rainbow Slide, for use with slide carrier	0-50

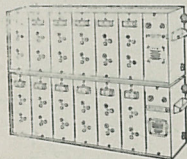
Patt 152 4000 Watt, 6-in dia. 4-element condenser lens with transformer, special stand, slide carrier with turntable front and 4-in high definition objective lens, up to 30-ft of flexible cable with plug connectors but excluding 4000-watt 110-volt tubular projector lamp which must be purchased (see page 6)	15-00
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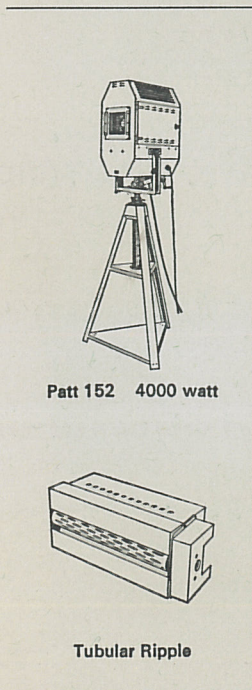
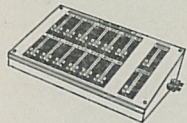
Patt 252 with moving effects disc and objective lens. The disc housing (A) can be rotated by means of the integral turntable (B). The runners (C) are for the objective lens (D) and for colour filter or mask if necessary. A retainer spring (E) is provided for the lens. The speed and direction of the projected effect is adjustable within the motor housing (F).



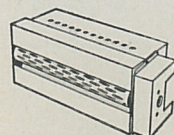
Junior 8



12-channel, 2-preset Mini-2 desk and two 6-dimmer packs



Patt 152 4000 watt



Tubular Ripple

HIRE CHARGES

ALL CHARGES ARE SUBJECT TO 10% V.A.T.

Moving Effects Attachments , AC motor-driven, to fit Patt 52, 252, 152 with standard objective lens (STATE LENGTH OF THROW AND SIZE OF PICTURE) Fleecy Clouds, Storm Clouds, Rain, Snow, Waterfall or Running Water, Flames, Sea Wave, Water Ripple, Dissolving Colour, Chromosphere, Chromatrope. Psychedelic Effects.	£
Kaleidosphere Effect with multigroove box and set of glasses, otherwise as above	2-25
Forked Lightning , for use as above, hand-operated, with lens	3-20
	1-05
Eddiscope Effect , AC motor-driven, for Patt 23, 23W	1-75
Flame Flicker , AC motor-driven, for Patt 123, 223, 23 (state which)	1-05
Tubular Ripple Effect , 1000 Watt, self-contained, AC motor-driven with up to 30-ft of flexible cable with plug connectors (30-ft wide by 4-ft high projection at 6-ft throw)	2-10
Lightning Flash , with photo-flood lamp, 30-ft cable and push-button switch	0-65
10 watt 'Freezelite' Strobe , self-contained	4-00
40 watt 'Super Freezelite' Strobe , self-contained	6-00
Patt 201 U.V. Flood , AC only, with choke, 30-ft cable with plug connectors and 125 Watt Black Light lamp	1-35
Patt 30C U.V. Flood , AC only, complete as above	1-60
Smoke Box , with 30-ft cable and plug connectors, excluding powder	0-75
Flash Box , with 30-ft cable and plug connectors, exclusive of powder	1-10
Bomb Tank 1 and 2 way with 30-ft cable, plug, switch and fuseboard, exclusive of maroons	1-50
3 and 4 way, as above	2-00
Dry Ice Machine , 3000-watt element, with 30-ft cable, exclusive of dry ice which must be obtained locally	3-75

LIGHTING CONTROLS

All portable dimmerboards are fitted with sockets for the connection of the lamp loads. These permit circuit substitution. The weekly hire charge also includes 30-ft of mains supply cable.

Junior 8 Portable Dimmerboard, AC only. Eight 1000-watt max. control channels sharing four 500/1000-watt integral dimmers. Each channel can be switched full-on, off, or on-dimmer and all channels can be faded in or out simultaneously, 5 amp 3-pin socket outlet to each channel 2-25

Mini-2 Thyristor Lighting Control, 220/250v 50Hz, each dimmer pack single phase only
 Desk with 33-ft control cable to plug-in to one or more lightweight dimmer packs each with 6x2000 watt maximum Thyristor dimmers
 Twin 15 amp 3-pin socket outlets to each dimmer

6-channel, 6-lever desk, 33-ft control cable and one 6x2kW. dimmer pack	7-00
12-channel, 2-preset desk, 33-ft control cables and two 6x2kW dimmer packs	14-00
18-channel, 2-preset desk, 33-ft control cables and three 6x2kW. dimmer packs	21-00
10 metre (33-ft) 6-channel control extension with mating plug and socket	0-25
30 metre (98-ft) 6-channel control extension with mating plug and socket	0-75

Ten/20 Portable Thyristor Lighting Control, AC only. Twenty control channels and ten variable-load Thyristor dimmers (one 4000-watt max. and nine 2000-watt max.) with 2-preset fingertip control. Each channel can be switched full-on, off, or on-dimmer and all channels faded-in or out simultaneously, 15 amp 3-pin B.S. socket outlet to each channel 15-00

J.P.20 Thyristor Lighting Control 20 channel, 2-preset desk, 300-ft control cable and 20x2000 watt variable load Thyristor dimmers in one rack 30-00
 As above but with 20x5000-watt Thyristor dimmers 35-00
SP.20 Thyristor Lighting Control 20 channel 2-preset, 2-group desk, 300-ft. control cable and 20x2000 watt variable load Thyristor dimmers in one rack 33-00
 As above but with 20x5000-watt Thyristor dimmers 38-00

60 and 120-channel portable lighting controls with Thyristor dimmer packs are now available for hire— charges on application

Interlocking Portable Dimmerboards

8 dimmer channels, 500/1000-watt dimmers, AC only	5-25
8 dimmer channels, 1000/2000-watt dimmers, AC only	8-00

Slider Dimmers

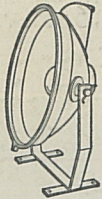
100, 300, 500 or 1000-watt Slider Dimmer only	0-45
1500-watt Slider Dimmer only	0-70
2000-watt Slider Dimmer only	0-85
3000-watt Slider Dimmer only	1-35

Plugboard, 15 amp plug, switch and fuse board per way 0-15

CABLES & SUSPENSIONS

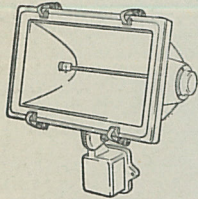
HIRE CHARGES

ALL CHARGES ARE SUBJECT TO 10% V.A.T.



Patt 690 500/1000 watt

		per 10-ft	£
Main Supply Cable , additional charge over 30-ft, up to 60 amp.		per 10-ft	0.50
	over 60 amp.	per 10 ft	0.75
Flexible Cable for lanterns, additional charge over 30-ft, in 10-ft multiples		per 10 ft	0.05
12-way, 28-ft Internally Wired Barrel , with barrel clamps, suspension chain bridles and up to 50-ft multicore cable with plug connectors			2.10
Additional charge if multicore cable over 50-ft		per ft	0.05
Booms , 14-ft to 20-ft, with six arms			0.80



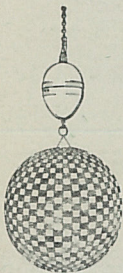
Patt ET. 1500

OUTDOOR FLOOD & SPOTLIGHTING

Available London—not always Northern Region or Glasgow

This weekly hire charge also includes lamp, clear front glass, short cable and connectors. State voltage of supply

		£
Patt 537 150 Watt Flood , 90° beam spread, with colour frame		0.55
Patt 560 500 Watt Flood , 100° beam spread, with colour frame		1.00
Patt 690 500/1000 Watt Flood , circular, 100° beam spread, with colour frame if requested		1.35
Patt ET.1500 1500 Watt Tungsten-iodine Flood		1.85
Patt 143 1000 Watt Fresnel Spot , 12°/40° beam spread, with colour frame		1.90
3-core flexible cable for above, in 10-ft multiples	per 10 ft	0.05



Mirror Ball

SUNDRIES

Orchestra Stand , with lamp, 15-ft cable and plug		0.35
Conductor's Stand , with lamps, 15-ft cable and plug		1.00
Scroll top lighting unit for existing orchestra stand, with lamp, 15-ft cable and plug		0.20
Plug Boards for orchestra stands	per way	0.05
Mirror Ball , AC motor-driven 12-in diameter		1.35
16-in diameter		1.60



Orchestra Stand

DECORATIVE PROPERTY FITTINGS

Chandeliers, Wall Brackets, candelabra, log and coal fires and telephone handsets are available for hire from our associated company J. M. B. Hire, 52a Goldhawk Road, Shepherd's Bush, London W12 8DH where there are extensive showrooms.



RANK STRAND ELECTRIC LIMITED, P.O. BOX 70, GREAT WEST ROAD, BRENTFORD, MIDDLESEX TW8 9HR

Telephone: 01-568 9222 Telex: 24408

Showroom and Demonstration Theatre: 29 King Street, Covent Garden, London WC2E 8JH Tel.: 01-836 4444

Counter Sales and Stores: 250 Kennington Lane, London, SE11 5RD. Tel.: 01-735 7811

Hire Department: 8-12 Dolland Street, London, SE11 5LW. Tel.: 01-735 7811

Northern Region: Church Lane, Lowton, Nr. Warrington, Lancs, WA3 2PN Tel.: Aston-in-Makerfield 73811 (Sales) or 73077 (Hire)

Scotland: 104 HydePark Street, Glasgow, G3 8DN. Tel.: 041-248 5735