



STAGE DRAPERIES
LIGHTING & EQUIPMENT



STAGE DRAPERY
LIGHTING & EQUIPMENT

DRAPERIES

EVERY CURTAIN designed, every yard of drapery produced, by G.B-Kalee Ltd., has twenty years' wealth of experience behind it. We have the ability and the resources to provide just the right setting for any given project, whether it be the large stage for massed orchestras, or the small platform for amateur dramatics in the parish hall. The controller of this specialised department has spent a lifetime in this fascinating industry and is assisted by an able staff. Personal and experienced attention is given to each contract.

Our experience covers all types of drapery work for cinemas, theatres, ballrooms, stage and film-production work, theatre boxes, cafes, restaurants, hotels and wherever curtains are required for decorative or functional purposes. We have made a special study of draperies for use with coloured lighting effects; for box stage settings in conjunction with scenery for workmens' halls, schools, arts-theatres and similar auditoria, and in gauzes and transformation scenes for pantomime, etc.

The quality of workmanship employed is superb, whether exhibited in the single curtain or in the complete scheme running into thousands of pounds. The range of materials always available is second-to-none, and our prices will bear the closest possible comparison consistent with the highest quality work.

A complete planning and design department is at your service, and we will gladly prepare a scheme to cover your requirements without any obligation on your part to accept. Expert representatives will attend on site for surveying and estimating on request. Please address your enquiries to:—



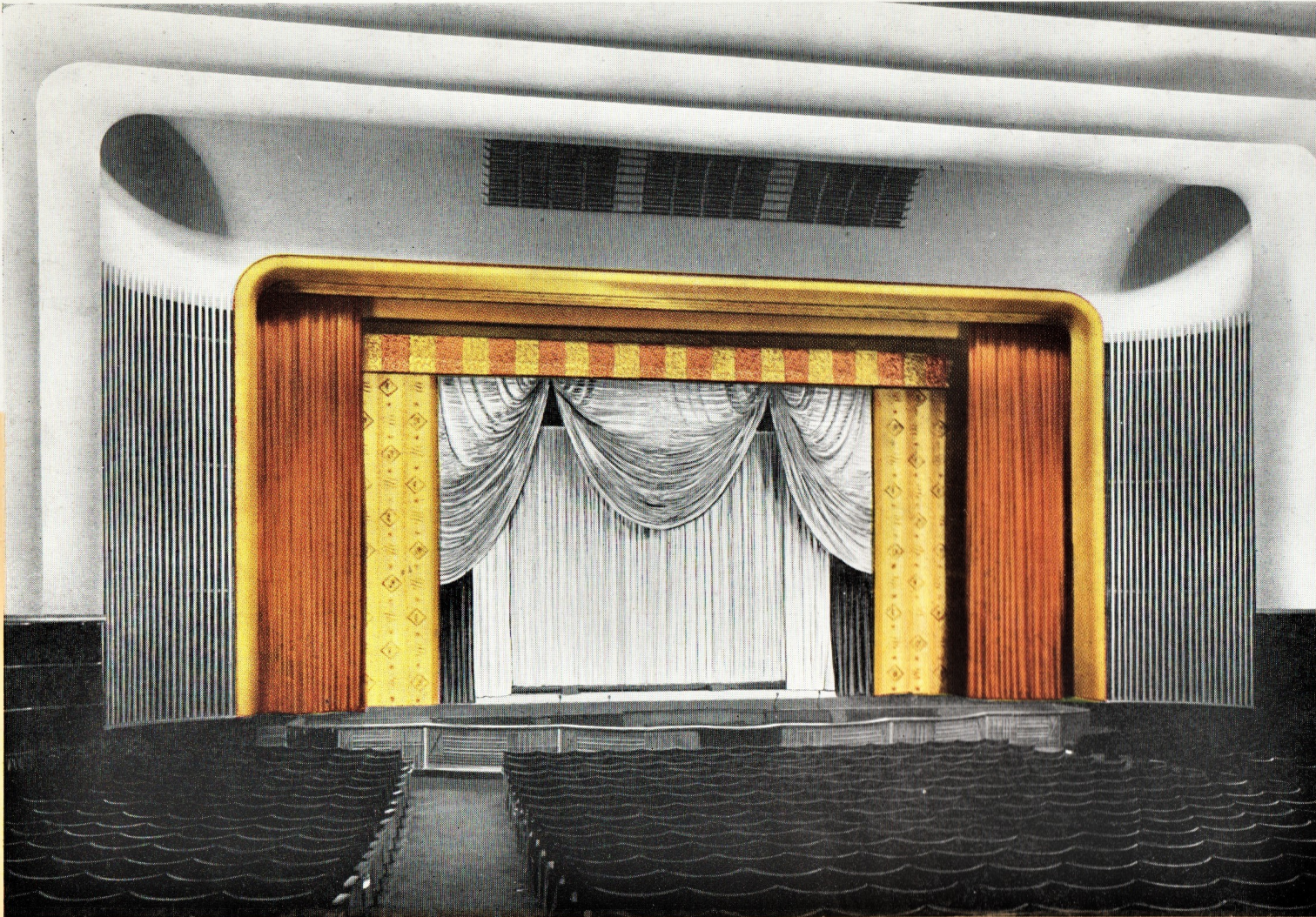
MORTIMER HOUSE, 37-41 MORTIMER ST, LONDON, W.1.

London Branch and Showrooms : NATIONAL HOUSE, 60-66 WARDOUR ST., W.1.

or to our Branch Offices at:

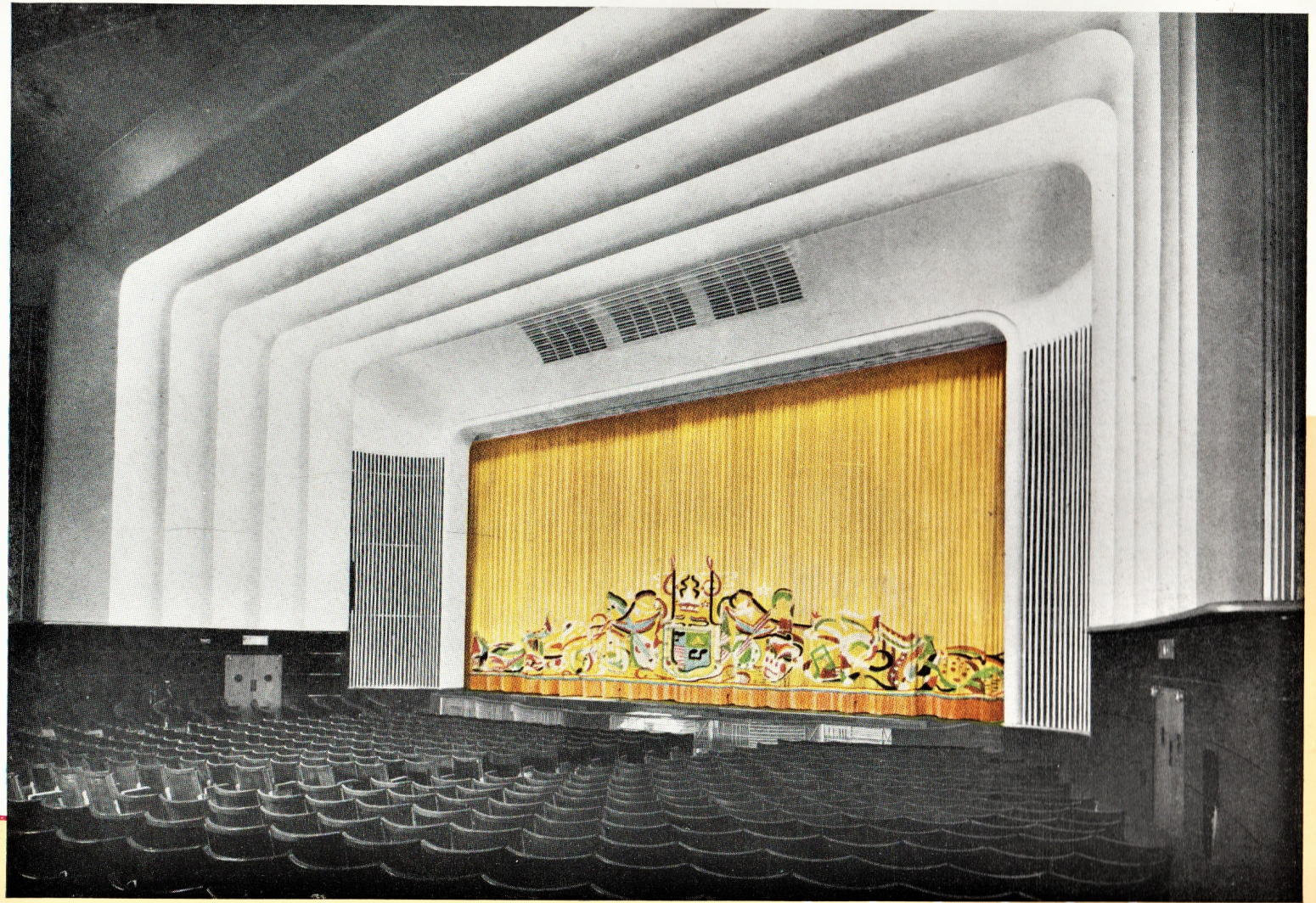
BIRMINGHAM, BELFAST, CARDIFF, GLASGOW, LEEDS,
LIVERPOOL, MANCHESTER, NEWCASTLE, DUBLIN (Agency)

and Local Agents throughout the World.



DESIGN No. 01

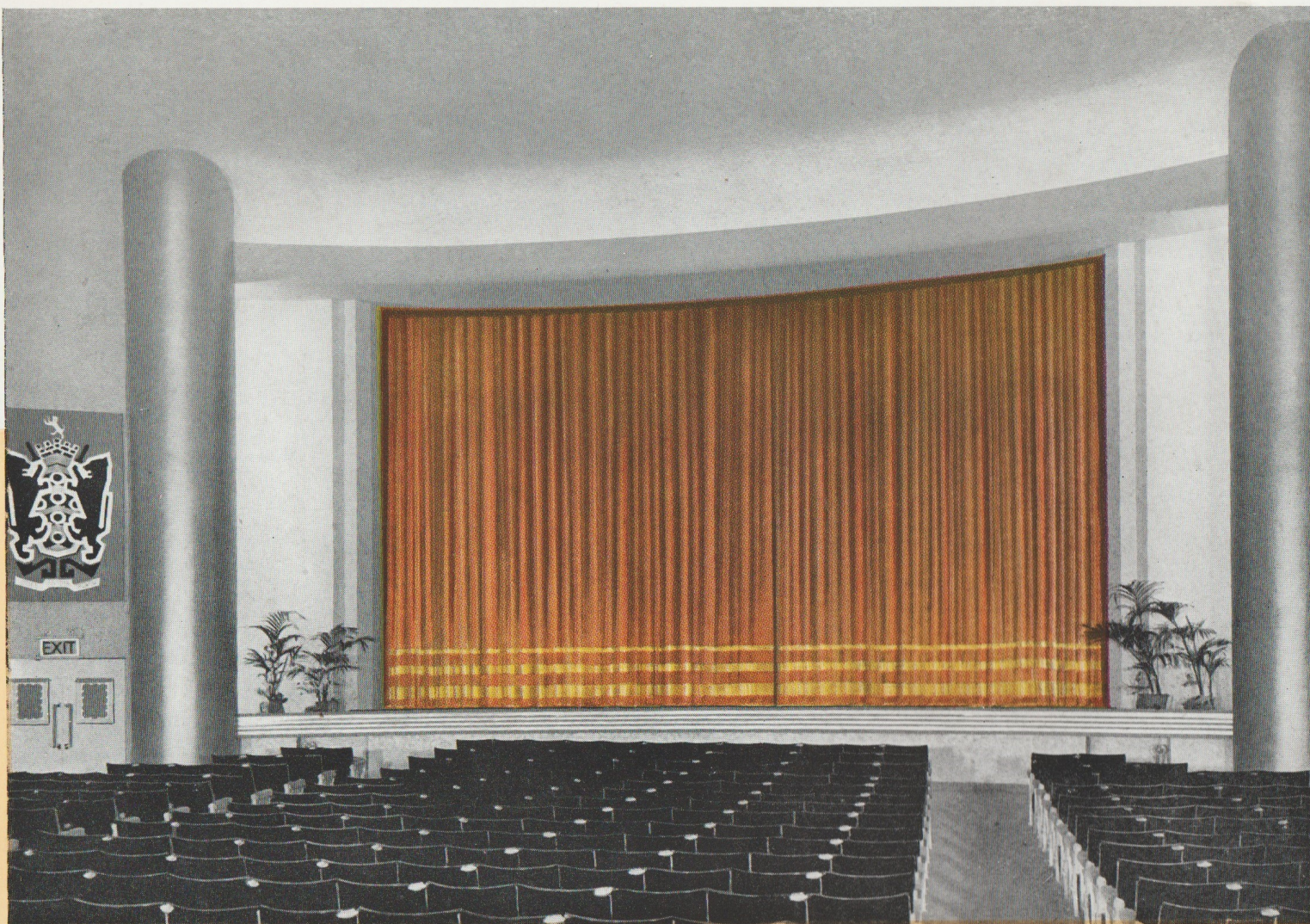
This illustration shows a satin curtain draped into one of the many effects which can be obtained with our contour curtain gear. The expanding false proscenium is partly closed to reduce the size of the main proscenium opening. The curtains in the background are fixed to the screen trolley which travels downstage when the screen is required for cinema shows. The screen trolley is electrically controlled and carries the curtains back to form a backcloth for variety shows.



These proscenium curtains were designed specially for the Ritz Cinema, Birkenhead. They are made of heavy gold satin and are appliqued with various coloured satins, trimmed at the base with heavy bullion fringe.

An expert staff of draughtsmen and embroideresses is employed at our factories specially to design curtains and draperies to harmonise with all styles of decoration. We make a special study of "period" ornament as well as "modern" design.

DESIGN No. 02



DESIGN No. 03

This illustration shows a velour proscenium curtain on a steel curtain track curved to fit the proscenium arch. The enrichment consists of satin bands of varying widths in contrasting colours. The treatment is simple but very effective, the curtains depending upon extra fullness to give heavy folds. We hold in stock a large range of colours in velour, mohair cloth, and other fabrics suitable for this type of proscenium curtain.



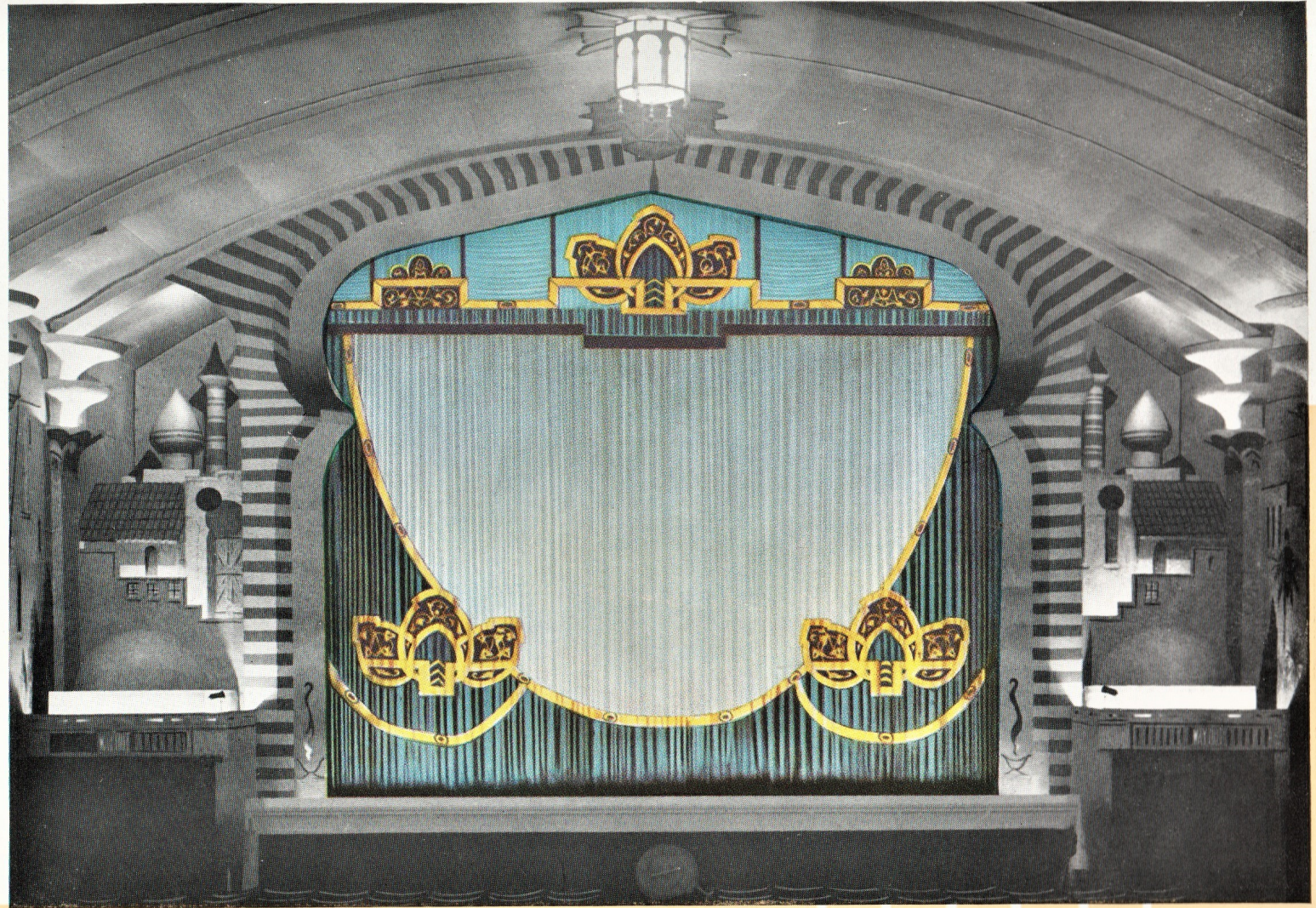
A proscenium drapery of gold satin with facings of scarlet to link up with the floral design of the screen curtains. The draperies follow the shape of the proscenium arch and the softness of the folds makes a pleasing contrast to the straight lines of the building. The valance and side curtains form a green velour frame to the screen curtains. The satin background responds to the coloured lighting from the footlights and battens. The floral decoration is applied in satin and is embroidered with gold silk thread. The colours, which are natural under white light, change constantly under coloured lighting.

DESIGN No. 04



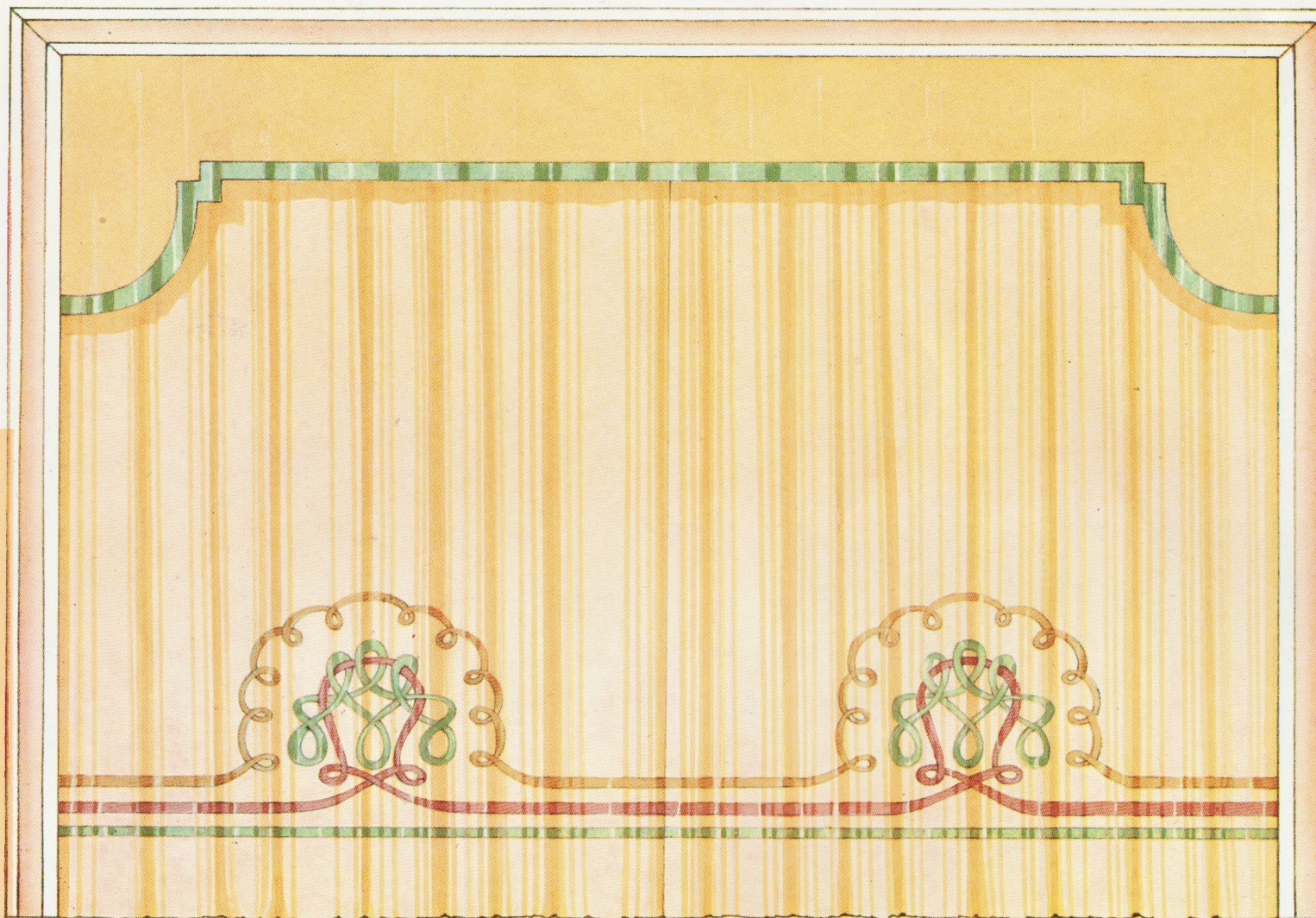
DESIGN No. 05

This type of festoon screen curtain is ideal for colour effects when used with three-colour lighting. It can be made in satin, "Kalustre" glass fabric or muslin. The maximum effectiveness is obtained when reefed vertically on special reefing gear. The contour curtain, draped as illustrated to disclose the festoon curtain, is used in conjunction with our contour curtain gear which provides an almost unlimited range of draped designs. The controller is easily set and a press on the button drapes the curtain gracefully to the pre-set design. The contour curtain can be made in satin, "Kalustre" glass fabric or any softly draping material. The mauve satin draperies and curtains dressing the proscenium form an effective frame to the contour and festoon curtains on the stage, the whole making a striking stage setting.



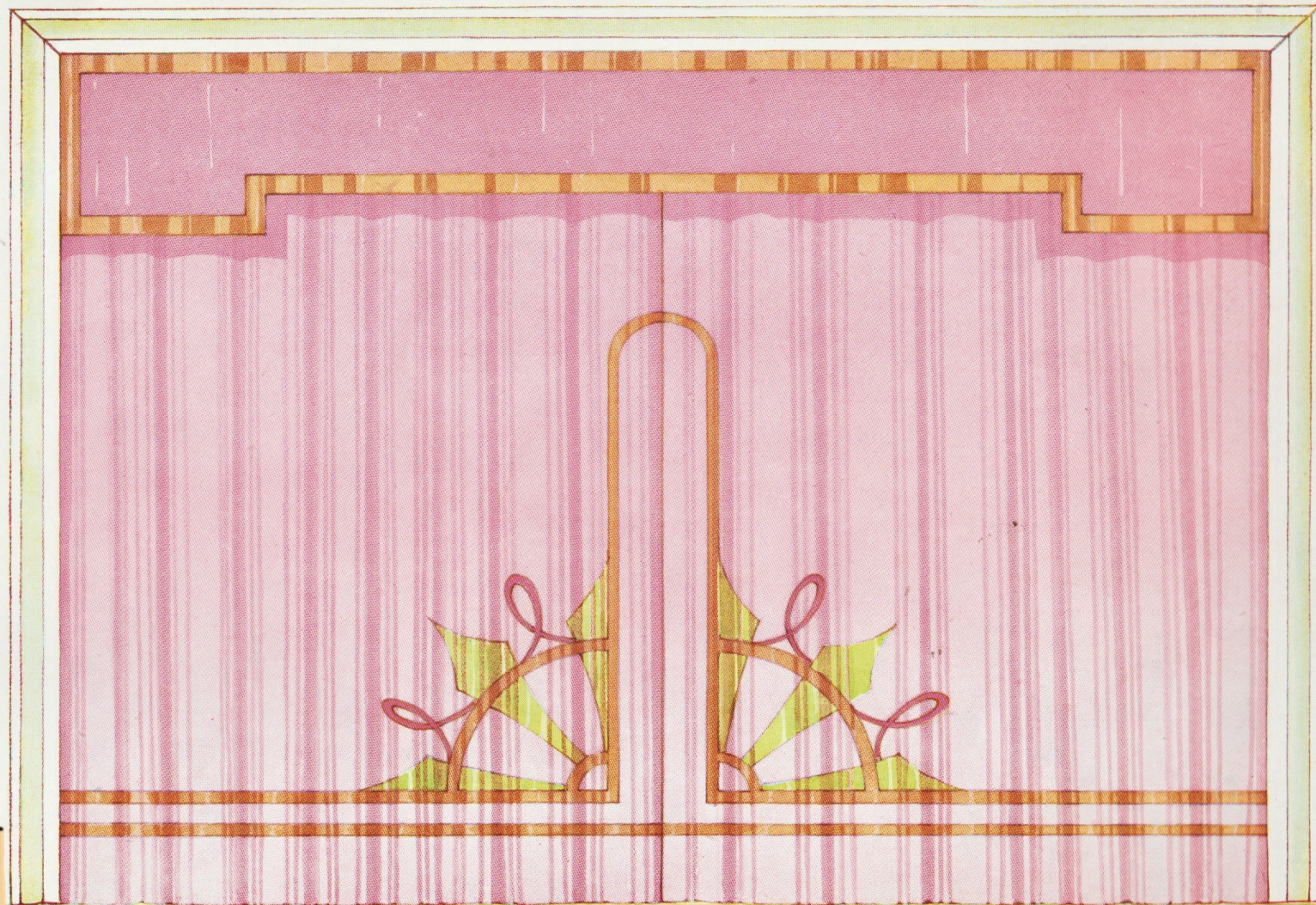
The pelmet and the proscenium curtains shown in this illustration were designed by us especially to suit the Moorish interior decorations at the Picture House, Lisburn, Co. Antrim. The draperies were made from light and dark blue oriental satin with gold satin enrichment. This scheme is a typical example of our designers' ability to produce a drapery in style and colour in keeping in every way with an unusual form of interior treatment of decoration.

DESIGN No. 06



DESIGN No. 07

This design is very suitable for proscenium or screen curtains. The applique work can be carried out in contrasting coloured "Kalustre" glass fabric or satin to give maximum effects under coloured lighting. A simple, inexpensive but very effective and pleasing design, and one which is eminently suitable for the smaller type of stage. The use of our "Kalustre" fire-resisting glass fabric is strongly recommended for this type of stage curtain.



This pelmet and the curtains were produced in “Kalustre” glass fabric with the applique work also in glass fabric in contrasting colours. Being made entirely of “Kalustre”, these draperies are permanently fire-resisting. This design can also be made in other fabrics, with satin applique, which we can render fire-resisting by chemicals for a limited period.

DESIGN No. 08



DESIGN No. 09

The pelmet and curtains, together with the coloured applique work, illustrated in this design were produced entirely in our "Kalustre" glass fabric, resulting in a completely fire-resisting curtain. This design can also be produced with satin or glass-fabric applique work on velour, serge, antique satin and other fabrics, which we can render fire-resisting by chemicals.



This proscenium pelmet and the curtains can be made of velour, antique satin, serge or "Kalustre" glass fabric. The applied design can be worked in satins or glass-fabric in colours to tone with auditorium decorations. If desired, these and other "Kalustre" curtains illustrated can be lined with wool or cotton material to make them opaque.

The above is a very popular design for theatres and cinemas, and suitable colour schemes will be prepared on request.

DESIGN No. 010

“KALUSTRE”

EXCLUSIVE TO G.B-KALEE LTD.

GLASS FABRIC for STAGE CURTAINS

HERE is the complete, practical and economical answer to your curtain problem. “KALUSTRE”—the first dyed glass fabric we have been able to offer and vastly superior to any similar type of material. Ideal for stage settings, screen curtains and other draperies. Available in white and a delightful range of pastel colours. Approved by L.C.C. and other authorities for use in public buildings without the necessity for fireproofing. Remember “KALUSTRE” is guaranteed fast to light and cleaning, is long lasting and offers considerable economies.

Available in White, Gold, Rose, Green, Blue, Mauve, Orange, Beige, Silver Grey, Dove Grey, or your own choice of colour by arrangement. In 3 qualities, 36" and 48" wide. “Kalustre” can also be supplied with one side plastic-coated to render draperies completely opaque when desired. A range of colour samples will be found in the pocket on page 3 of the cover. Your attention is drawn to designs on Pages 8 - 11 which are especially suited to the employment of “Kalustre” fire-resisting fabrics.

Fire Resisting

Vermin Proof

Colour Fast

Rot Proof

Impervious to Water

STAGE EQUIPMENT

THE DESIGN AND SUPPLY of equipment for the Stage is a specialist job. Each type of Stage needs its own peculiar requirements suitable for its own type of entertainment. Theatre, Opera, Ballet, Variety, Cinema, Cine-Variety, School, Public Hall, Village Hall—each has its own particular function and must be equipped accordingly.

The best advice we can offer is to consult the expert. Call in the services of our Organisation which has specialised in this field for more than 30 years. We have carried out installations for the largest theatres, as well as for the smallest village halls, in the country ; in passenger liners, ships of the Royal Navy and wherever stages are required.

Our Service includes a survey (when necessary), the preparation of drawings, a recommendation as to the most suitable and economical type of equipment for the purpose, and advice on the actual layout of the stage. We are pleased to collaborate very closely with you in order to achieve an installation in which we can both find complete satisfaction.

Illustrated in the following pages you will find some equipment that is in universal use. If this does not cover your special needs, please advise us, because we have not found it possible within the compass of this catalogue to cover the multitude of individual types of equipment and accessories available.

Prices for all Equipment and Accessories illustrated in this catalogue will be supplied on request.

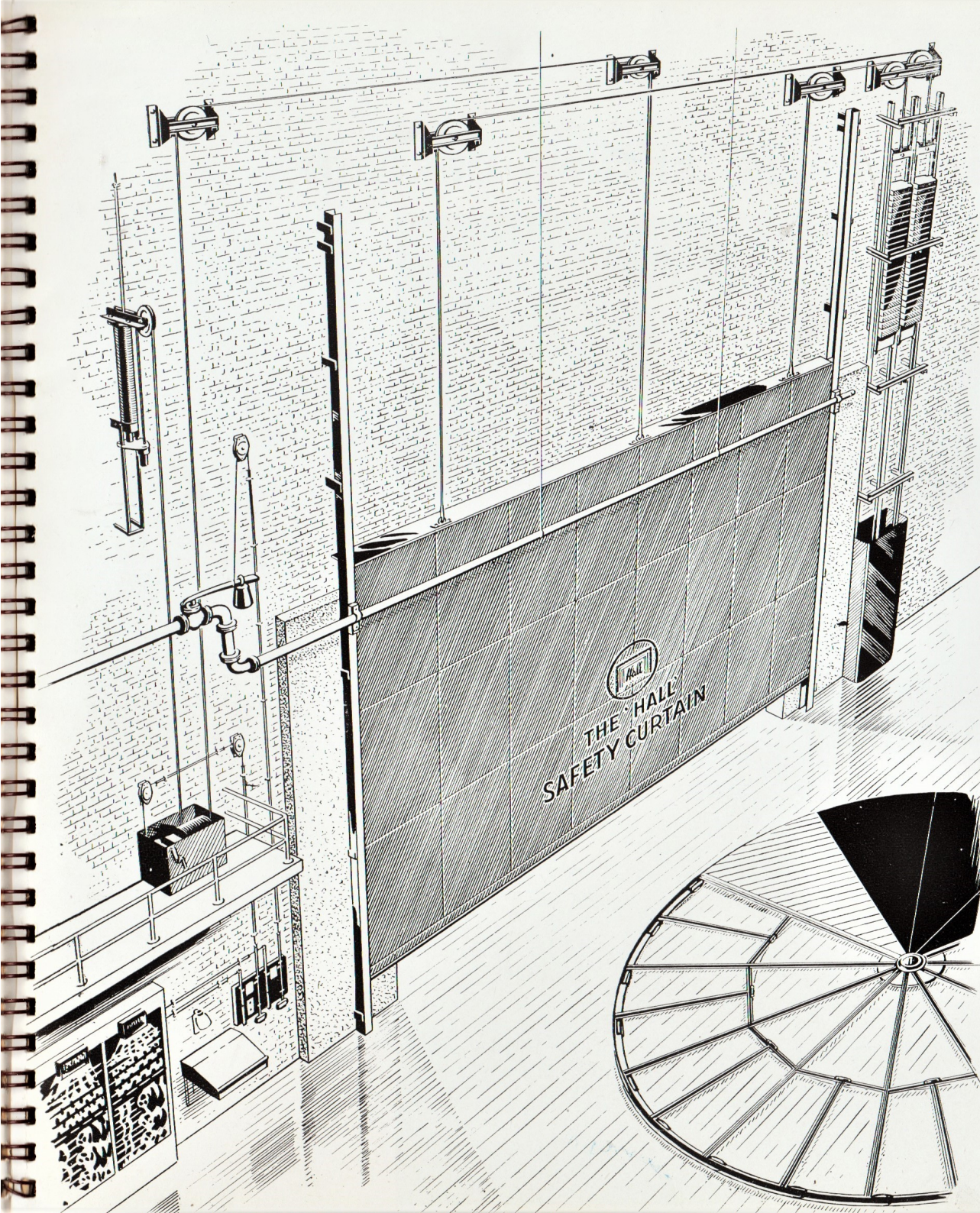


FLYING & FESTOONING PROSCENIUM CURTAIN GEAR

The curtain gear in this design is arranged so that the curtains are push-button controlled to operate at variable speeds. Flying or festooning may be carried out separately (as shown in the small diagrams at the foot of the illustration), or simultaneously to give a quick centre opening and flying away clear for a full stage set.

The curtains are suspended from a light tubular frame which is counterweighted and operated by an electric controller mounted on the fly floor. Festooning is carried out by another electric controller which is mounted on the tubular frame and connected to the electric supply by means of a multicore cable to the grid.





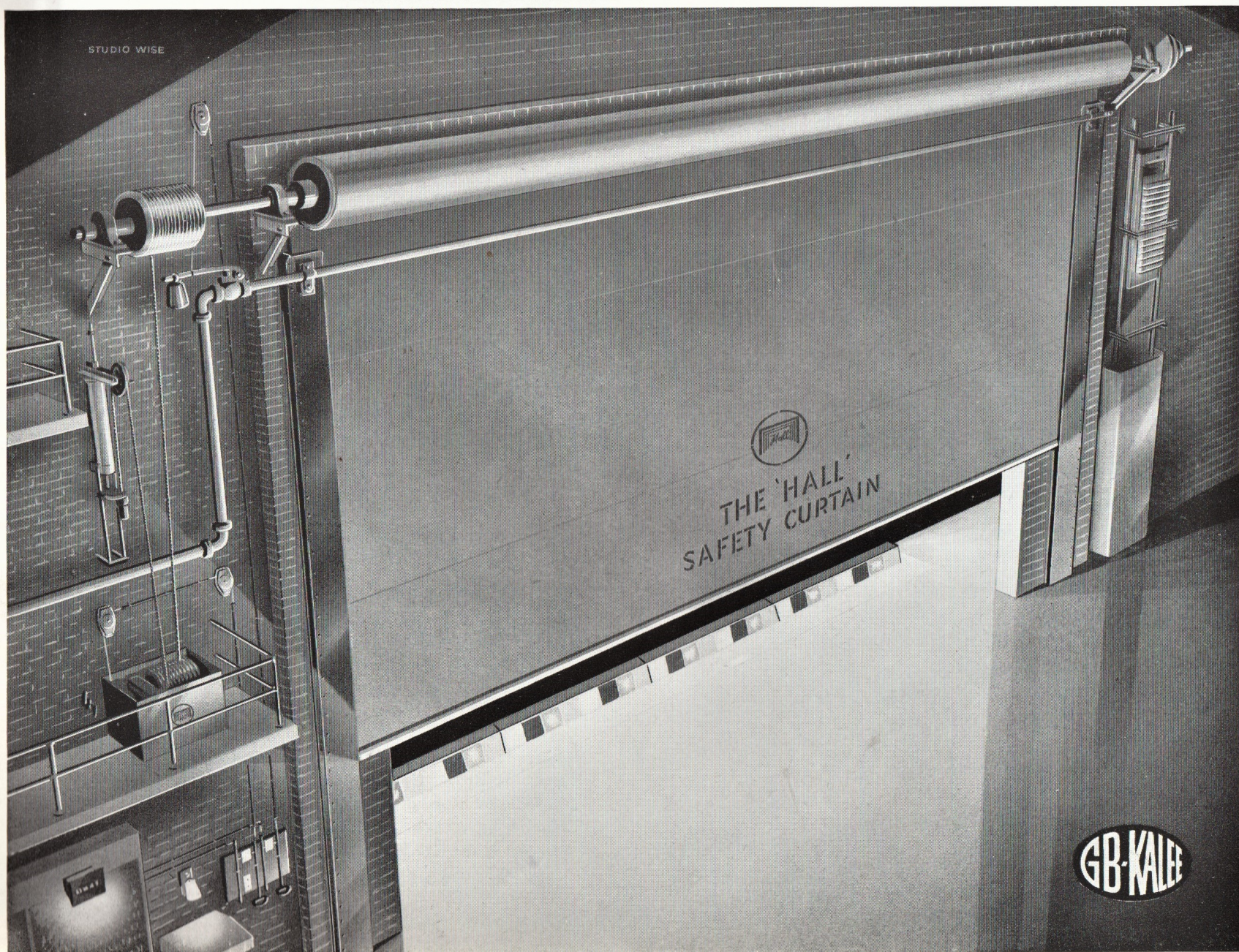
RIGID TYPE SAFETY CURTAIN

For the Theatre Stage the Safety Curtain should be the rigid single-piece type, controlled by an electric hoist with Stage and External Release Gear, as shown here, to comply with licensing regulations. A Drencher should be incorporated.

Touring Type Revolving Stage

A Revolve is a very useful piece of stage machinery and should, when circumstances permit, be installed in conjunction with the stage lifts. An alternative to the built-in Revolve is the Touring Type illustrated here, which has been designed for rapid and easy assembly. It can be provided, when required, with electric supply commutator rings for stage and lighting effects. The drive is by endless steel cable and electric hoist, with variable speed control, or by hand winch.

ROLLER TYPE SAFETY CURTAIN



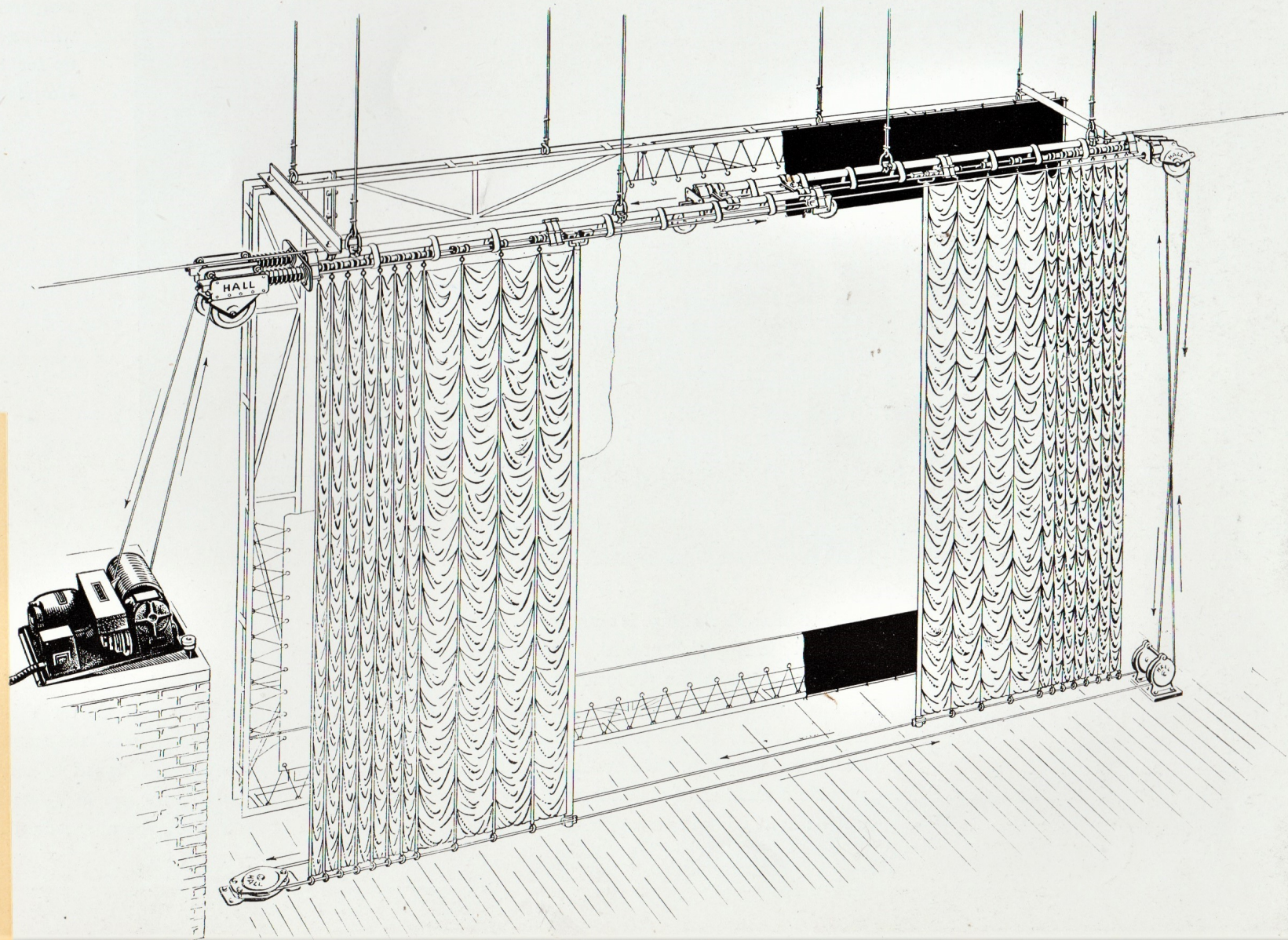
This is an excellent type of Safety Curtain to employ when buildings do not permit the installation of a rigid single or two-piece Safety Curtain, and is usually accepted by the Licensing Authorities. It is fitted with a Drencher and is controlled by an electric hoist, with Stage and External Release Gear.

GB-KALEE

TUBULAR SCREEN FRAME & CURTAIN FRAME

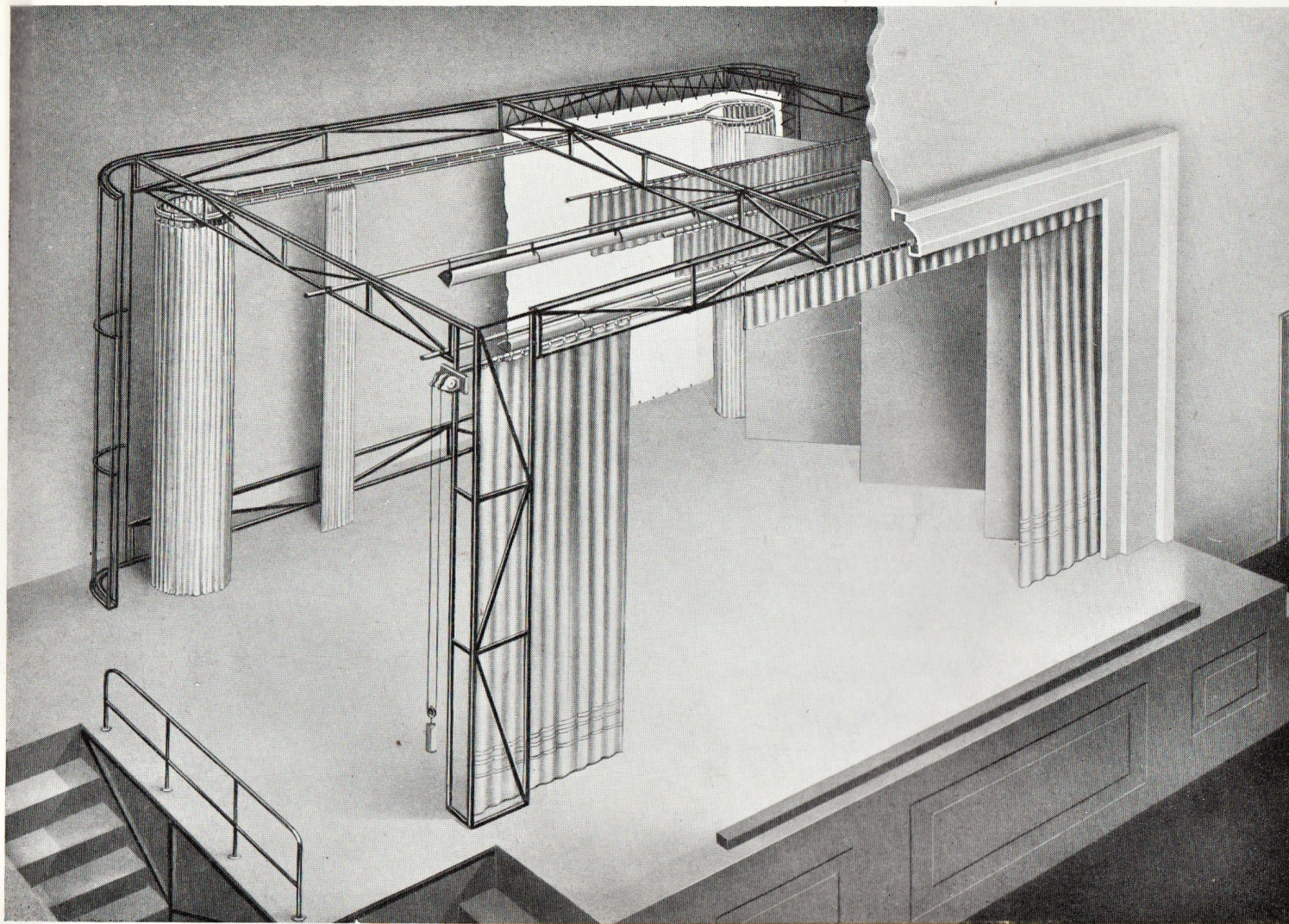
For the Cine - Variety Stage.

Rigidly constructed of light steel tubing, the Screen Frame has the curtain track attached as shown in the diagram. The festoon type of screen curtain illustrated, is very effective and is especially suitable for colour lighting. Other varieties of curtain design can be incorporated.



THE TUBULAR FIT-UP STAGE

as illustrated here enables a permanent or temporary stage to be erected as desired without structural work. It is the ideal stage set-up for Schools, Lecture Halls, Village Halls, Hospitals and similar buildings.

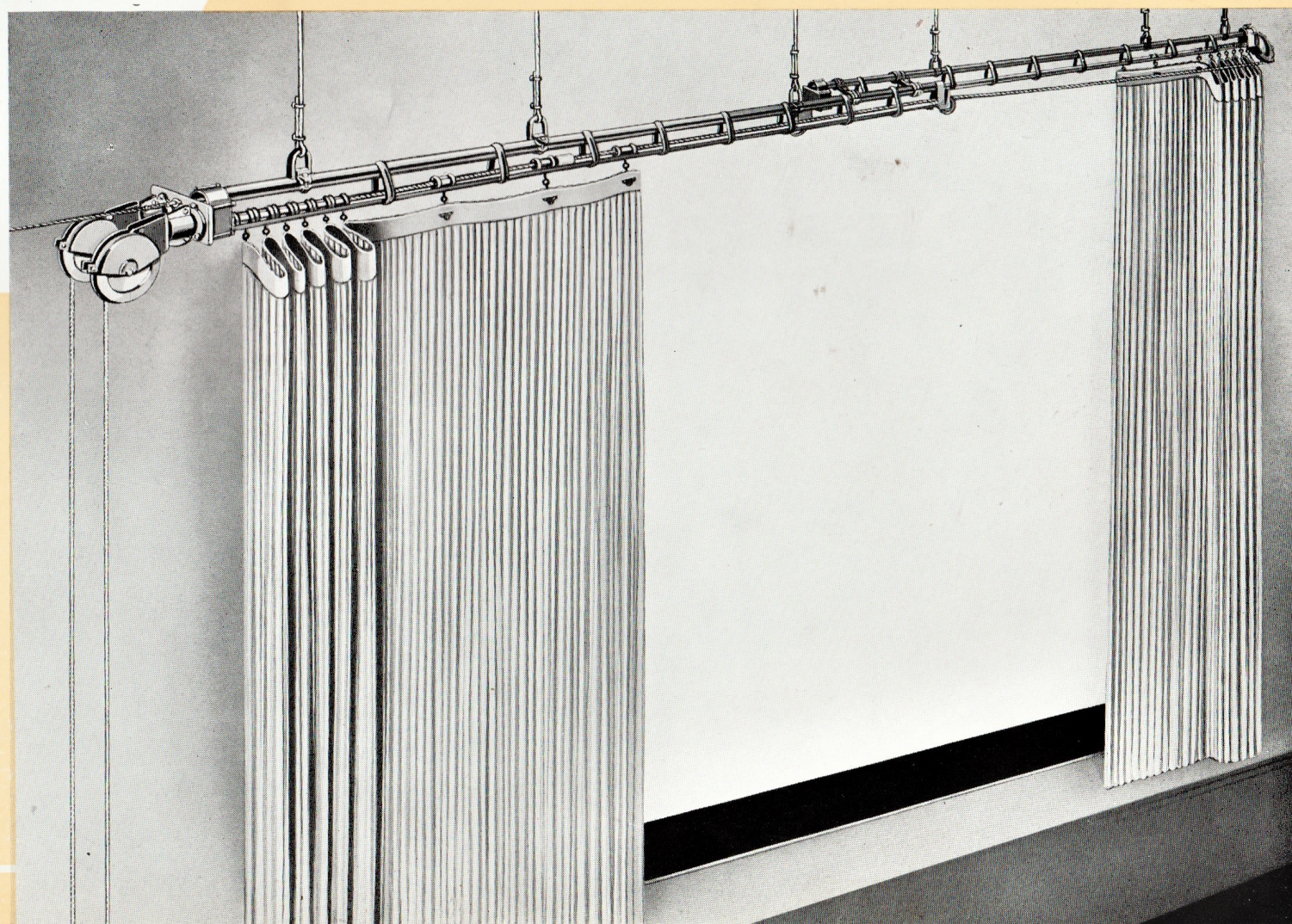


This tubular fit-up Stage is constructed of light steel tubes, welded into easily-handled rigid sections which will stand on any platform. It can be dismantled at will. The design can be adapted to any size to suit the building, and the rigid structure is sufficiently strong to support the proscenium front, the stage curtains, the lighting fittings and wing frames. Attractive prosceniums can be formed by curtains, and the standard pattern curtain track is the most suitable for this type of stage. When footlights are employed, they should preferably be of the disappearing type, so that the front of the stage is left clear for lectures, prize-giving and other purposes. We recommend that the back of the fit-up stage be designed to carry a Cyclorama back cloth which can provide a number of valuable uses. When permanent stages are required for use in Town Halls, Baths, etc., similar construction can be used without structural alteration to the building, and in such cases, the proscenium is of pre-formed metal sections.

CURTAIN TRACK FOR CINEMAS & THEATRES

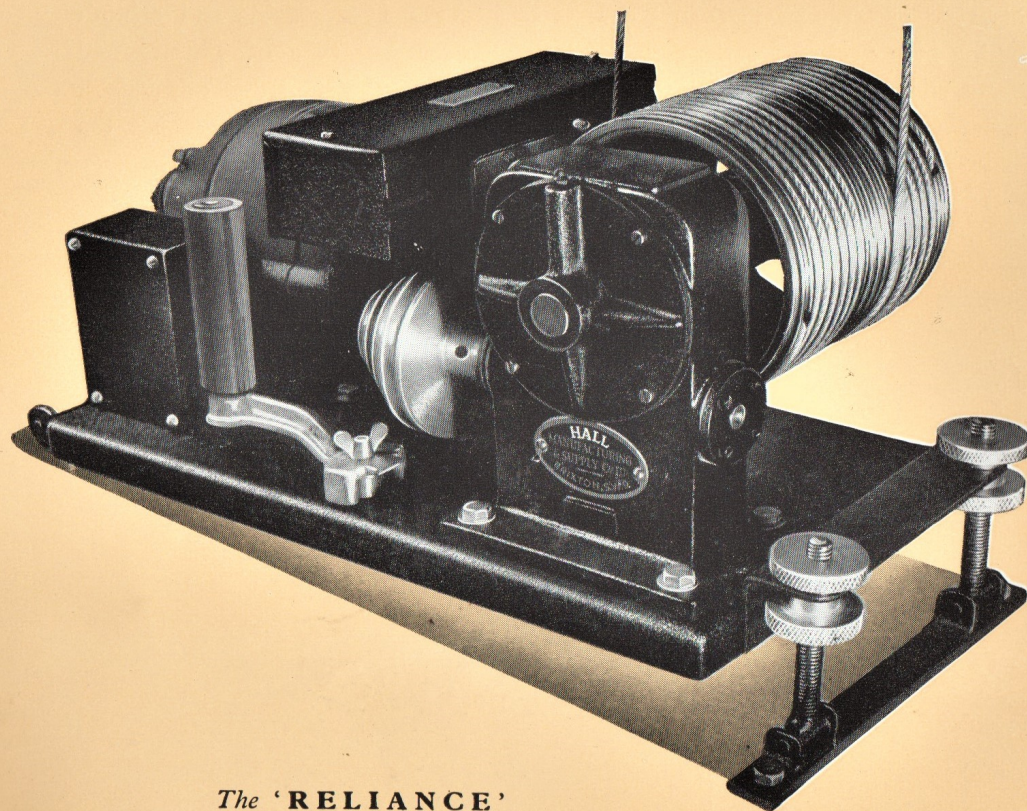
This type of Tubular Curtain Track is one of the most reliable and smooth working ever devised. It is eminently suitable for any type of Theatre and Cinema sliding curtains, from the heaviest of velour tabs to the lightest of gauzes. We have installed hundreds of these in cinemas and theatres throughout the country where they continually give reliable and trouble - free service.

Operation is by means of hemp sash-line and floor pulley, or by a manual or electric controller using flexible steel cable. The spring pulleys have been designed to maintain the correct cable tension when an electric controller is used. Pulley sheaves are provided with oil-impregnated bronze bushes or ball-bearings, and are fully enclosed. Bobbins are of hard-wood with a steel trap and filled with rubber buffers to prevent noise. Each controller is assembled as a complete unit with a totally-enclosed motor, a silent worm reduction gear, and grooved winding drum.

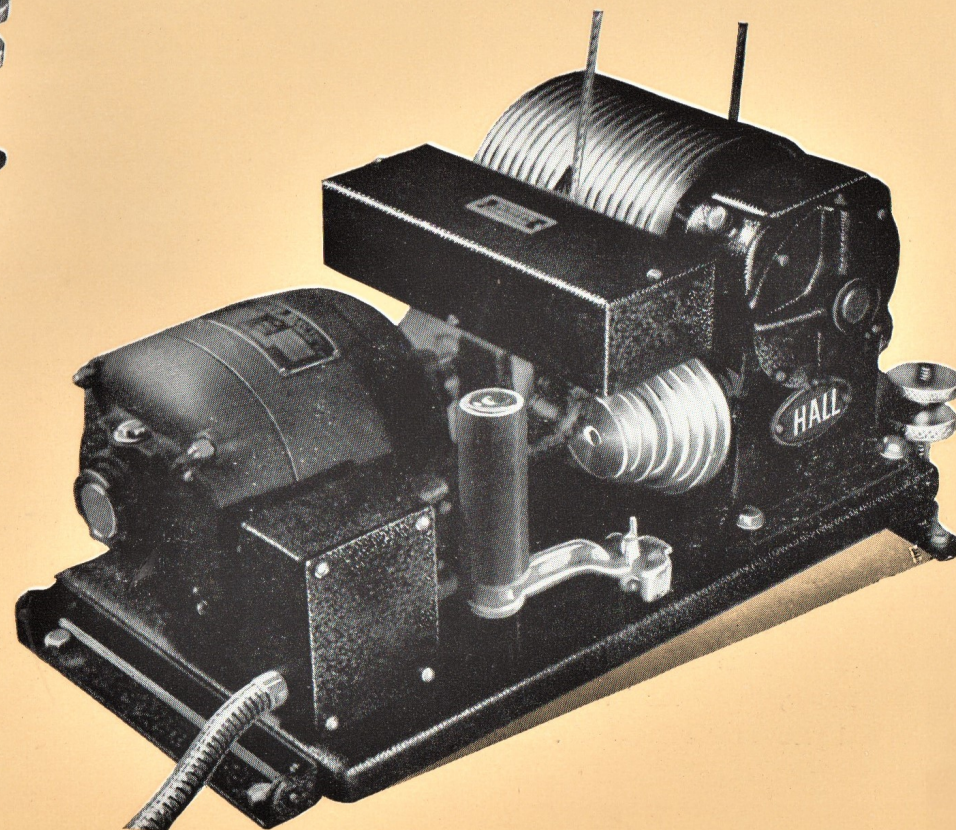


AUTOMATIC ELECTRIC CURTAIN CONTROLLERS

The efficiency of the range of automatic electric Curtain Controllers illustrated here is the result of many years' experience in designing such equipment for stages of all sizes. Each type can be thoroughly relied upon to give constant and trouble-free working. It is assembled as a complete unit with a totally enclosed motor, a silent worm gear and a grooved winding drum.



The 'RELIANCE'
CURTAIN CONTROLLER
No. 193
Push-button Type



The 'NONA'
CURTAIN CONTROLLER
No. 192
Two-way Switch Type

for operating our Cinema & Theatre Curtain Tracks

No. 192. The 'NONA' direct-switch type is controlled by a two-way switch, giving 'Open' and 'Close' positions only. Extra points of control can be supplied when desired.

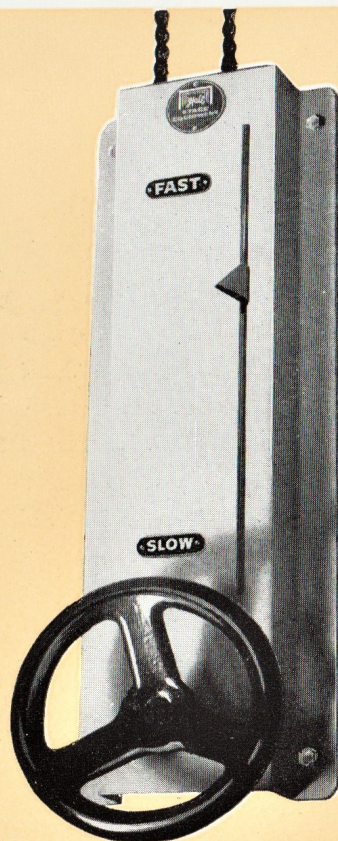
No. 193. The 'RELIANCE' is of the push-button type, giving 'Open,' 'Close' and 'Stop' positions. Contactor operated, reversible from any position and can be controlled from any number of points.

No. 194. The 'RENOWN' has been specially designed for Theatre Curtains where flexibility of

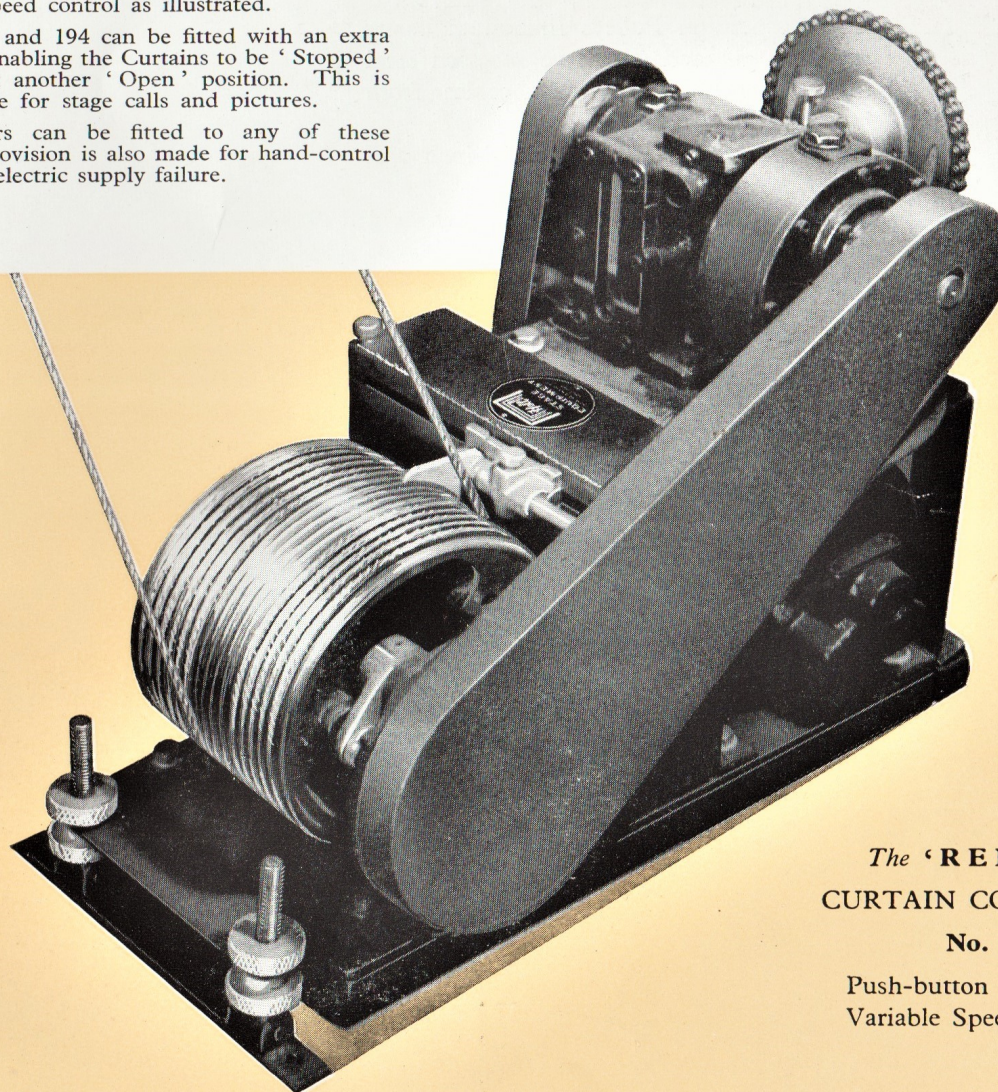
control is essential. Of the push-button type, giving 'Open', 'Close' and 'Stop' positions. Contactor operated, reversible from any position, and can be controlled from any number of points. Complete with variable speed control as illustrated.

Type Nos. 193 and 194 can be fitted with an extra 'Open' limit, enabling the Curtains to be 'Stopped' automatically at another 'Open' position. This is specially suitable for stage calls and pictures.

Trailer dimmers can be fitted to any of these Controllers. Provision is also made for hand-control in the event of electric supply failure.



THE
VARIABLE
SPEED
CONTROL



The 'RENOWN'
CURTAIN CONTROLLER

No. 194

Push-button Type with
Variable Speed Gear Box

PULLEYS, HOISTS, CABLES AND CABLE FITTINGS

The Suspension Pulleys illustrated below are fully guarded and have recessed steel side plates to prevent the cables from jumping the sheaves.

They are made with 3-inch, 4-inch and 6-inch diameter sheaves.

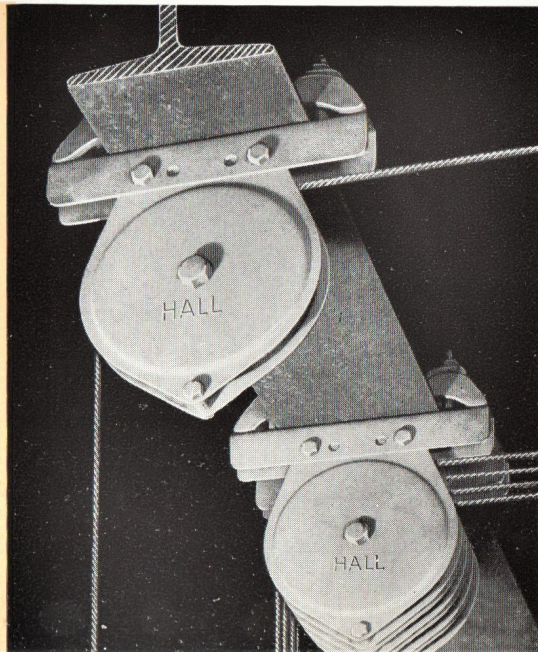
Singles, doubles, treble, four-way and five-way, for hemp rope or cable, as required.

Guide Pulleys for diverting track cables, for upright or side fixing are also available.

ADJUSTABLE Girder Fixing PULLEYS

No. 246

The dog clips are arranged to clamp to any standard joist from 3ins. to 6ins. inclusive



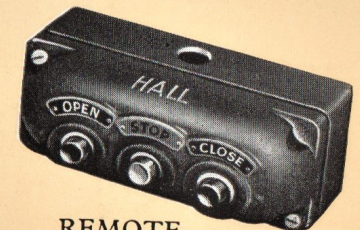
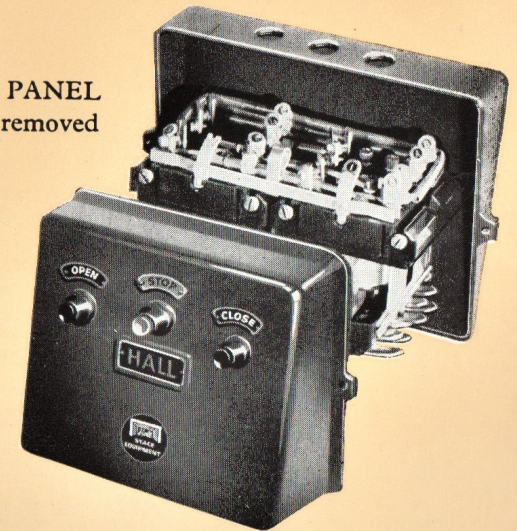
No. 240. For coach screwing or bolting into position



No. 186. For fixing to a Wooden or Steel Grid

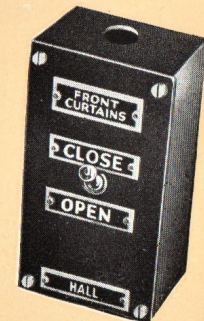
REMOTE CONTROL EQUIPMENT

CONTROL PANEL
with cover removed



REMOTE CONTROL

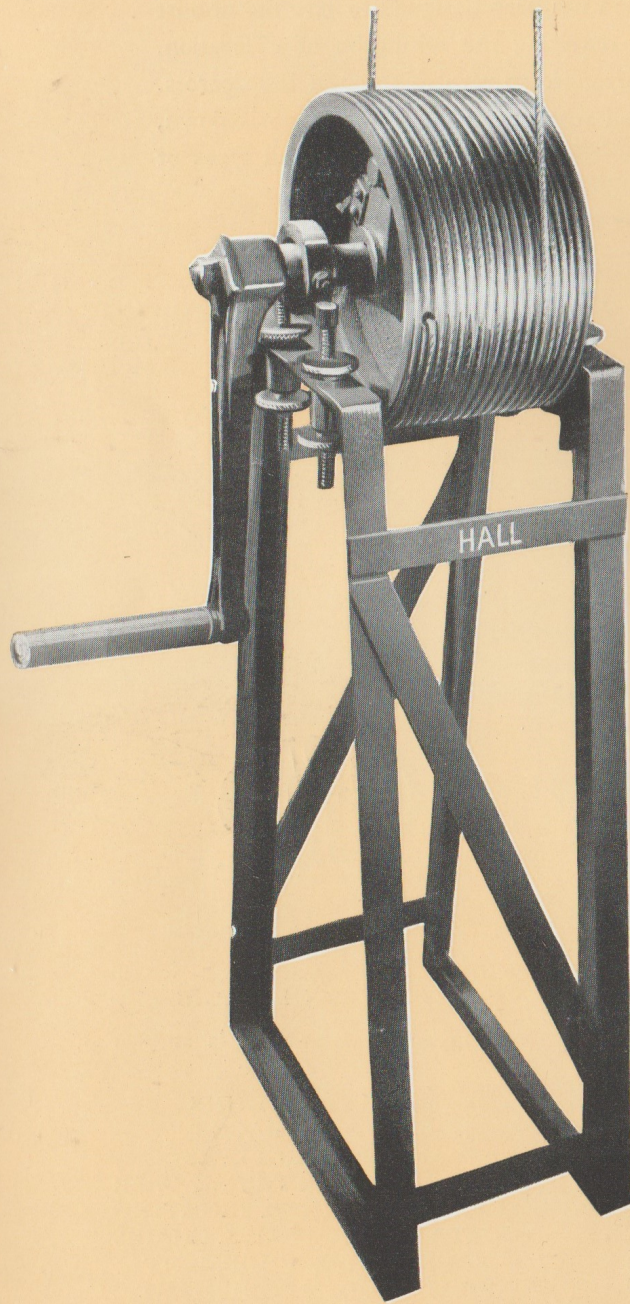
Any number can be arranged for



CONTROL SWITCH
(Two-way)

MANUAL CONTROLLERS

FLOOR FIXING TYPE No. 250



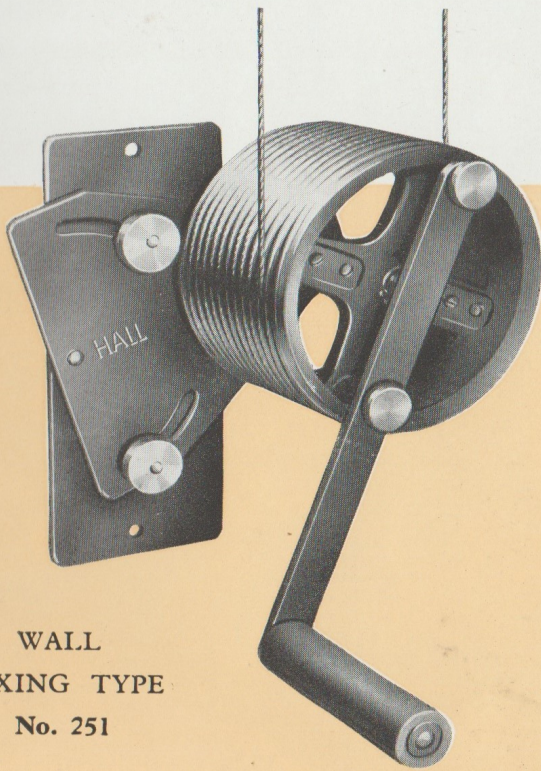
The Manual Controllers illustrated here (No. 250 Floor type and No. 251 Wall type) incorporate a new adjustment device for easy take-up of the hauling cable. Their fast and smooth curtain control, when operating with the appropriate Curtain Track, will give extremely satisfactory service.

Available in the following sizes :

| | | | |
|------------|------------|---|---------------------|
| For Tracks | 10' to 17' | } | FLOOR and WALL TYPE |
| " " | 18' to 26' | | |
| " " | 27' to 35' | | |
| " " | 36' to 50' | } | FLOOR TYPE |
| " " | 51' to 70' | | |

For use with heavy-gauge hand-working Tracks, we recommend the hand line Pulley and Weight as illustrated below.

WALL
FIXING TYPE
No. 251

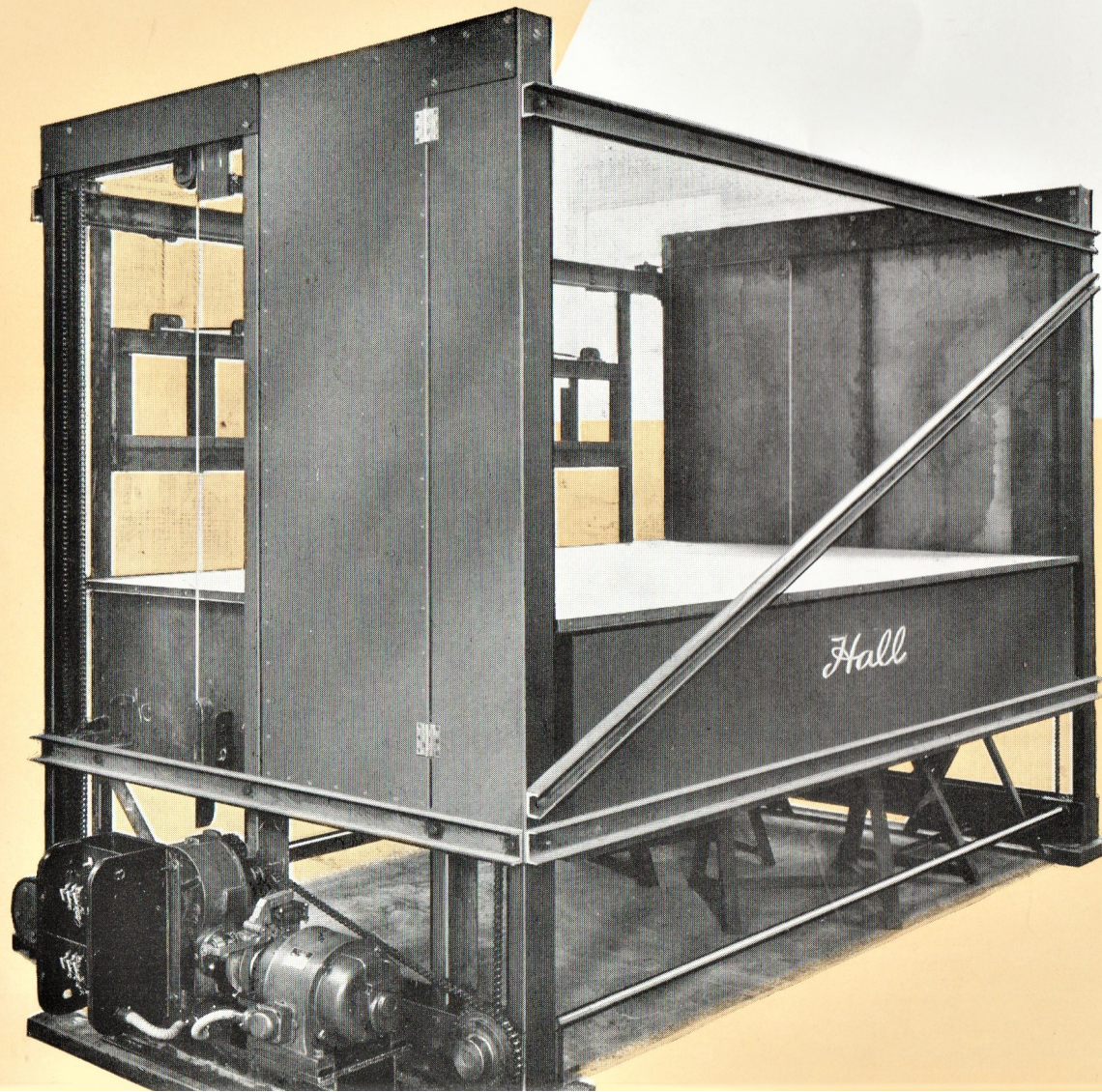


HANDLINE
PULLEY
and
WEIGHT
No. 247



ORGAN CONSOLE LIFT

The particular type of Lift illustrated has been designed to give the utmost rigidity, whilst at the same time requiring the minimum of excavation. If required, the platform may be arranged to revolve through 180 degrees. A sliding trap, covering the lift-well when the Console or Piano is down, provides a satisfactory floor surface. We also supply lifts for all types of stages and purposes.



Consult



for Stage Equipment for all purposes.

THE THEATRE STAGE
THE CONCERT STAGE
CINE-VARIETY STAGE
CINEMA STAGE
THE SCHOOL STAGE

Our specialist knowledge is at your
service always.

SAFETY CURTAINS
CURTAIN TRACKS
AND CONTROLLERS
LIFTS. ELECTRICAL GEAR
SCENERY FITTINGS. LIGHTING
CURTAINS. DRAPERIES. CHAIRS
SOUND-FILM EQUIPMENT
FILM STUDIO EQUIPMENT
CINEMA SCREENS

LIGHTING EQUIPMENT

IN all the long years that our Organisation has specialised in Lighting Equipment for every purpose, we do not think there has been a single problem that has not been solved by us effectively, efficiently and economically.

Our practical experience in Lighting ranges from the simple, single 'spot' to a complicated and full-scale lighting of a theatre stage or a complete auditorium. No matter what the requirement may be, our resources in planning, design and the supply of the right equipment are adequate.

Practically every situation for public entertainment calls for its own particular form and style of lighting, but it needs the expert to determine the ways and means. We can point to literally hundreds of such situations up and down the country—in cinemas, theatres, concert halls, dance halls, school halls, exhibition halls—where such lighting effects, internally and externally, have been devised and supplied by G.B.-Kalee Limited.

Our Planning and Design Division is at the service of all whose function it is to provide entertainment for the public. We can help you in your lighting problems just as we can in the field of stage equipment. Our knowledge, experience, advice and preliminary estimating is available to you without the slightest obligation.

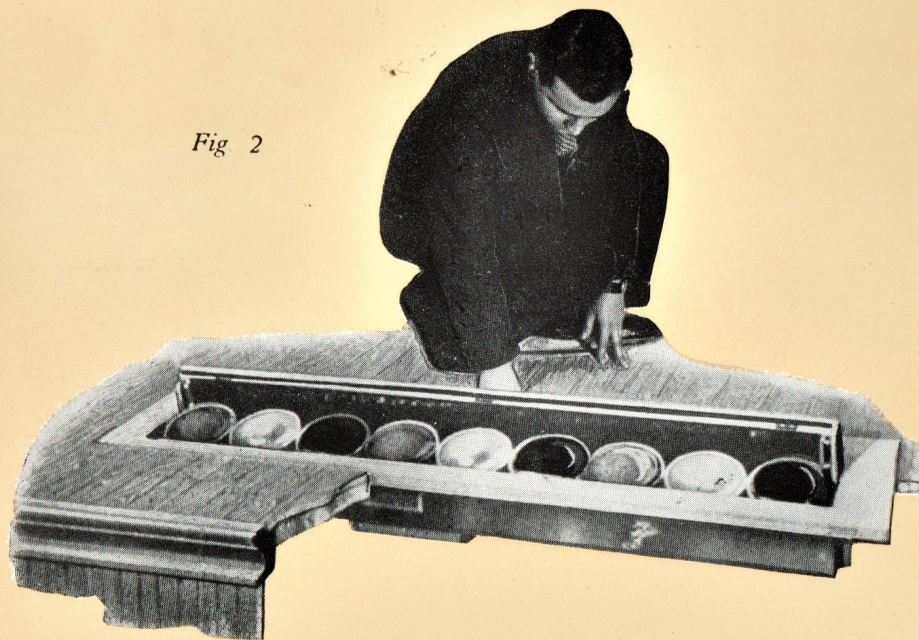
In the following pages will be found a selection of that type of Lighting Equipment in general use. This by no means covers our complete range, but we should be pleased to receive your enquiry for any Lighting purpose and advise you of the best and most satisfactory answer to your requirements.



Fig. 1



Fig. 2



FOOTLIGHTS

We illustrate on these pages some of the more popular and efficient types of Footlights and Battens available, and which are strongly recommended for all general purposes.

Fig.: 1 and 2. This is the ideal unit to instal in stages where it is required to use the footlights only occasionally. When closed, the unit becomes part of the stage floor. Automatic switches are incorporated to ensure that the current cannot be left on when the trap is closed. The standard length is 5 ft., with 9 lighting units attached to the underside of the trapdoor.

Fig.: 3. The Roundel Footlights. These employ satin-finished aluminium reflectors and heat-resisting natural colour glass screens and are a particularly efficient unit. Available in single or double rows, and the screens can also be obtained in red, green, blue, amber and frost. Metal colour frames can also be supplied for use with gelatine.

NOTE : *In small Halls and Schools, especially where the Stage is not very deep, Footlights are by no means essential, and often a disadvantage. Frontal lighting can be achieved more satisfactorily with two or more Front-of-House Spots which are best placed on the side walls at the height of the Proscenium opening.*

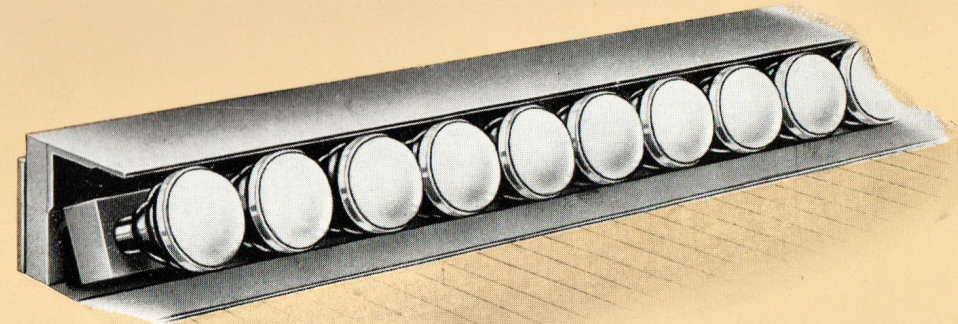


Fig. 3

AND BATTENS

Fig.: 4. The Roundel Battens. This unit is similar to the Roundel Footlights, but has chromium plated copper reflectors. Short suspension chains, as illustrated, are supplied. Minimum spacing is 6 inches.

Fig.: 5. **Standard type Footlights** complete with silvered glass wide angle reflectors, colour frames and E.S. or B.C. lampholders. Popular demand is for the 8 inch centre compartment type of Footlight, but 7 inch and 9 inch can be made. When ordering, it should be stated (a) whether E.S. or B.C. holders are required : (b) if terminals are required at actors' left or right : (c) number of circuits (3 or 4 colour) : and (d) if working lights are required.

Fig.: 6. **Standard type Battens.** Similar in design to the Footlights and provided with short suspension chains. Usually supplied with medium angle reflectors, but wide angle reflectors are available on request for Cyclorama and Backcloths. When ordering, similar details as for the Footlights should be given.

Stocked in 6 ft. (9 compartments) and 2 ft. 8 in. (4 compartments) lengths and multiples thereof.

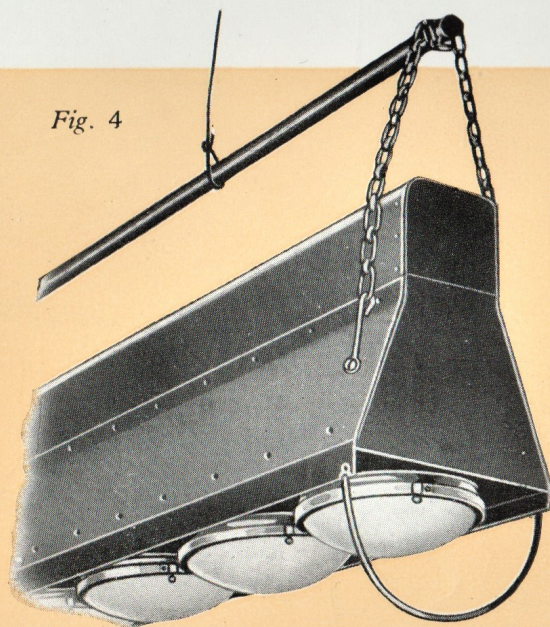


Fig. 4

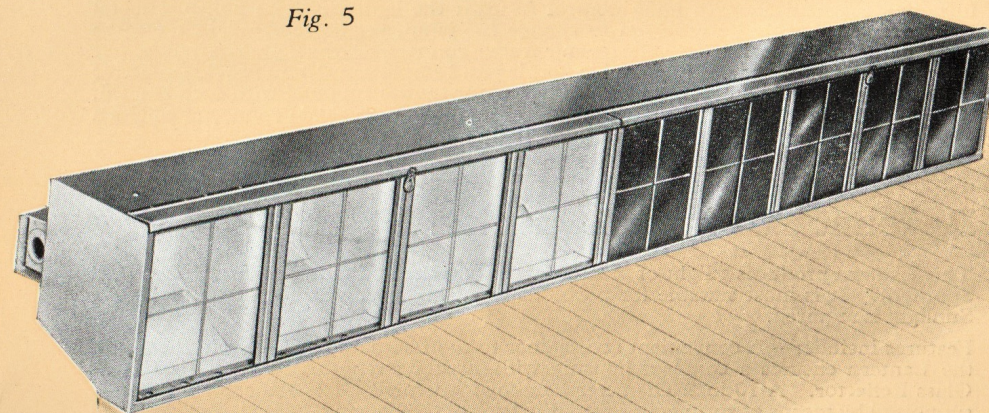


Fig. 5

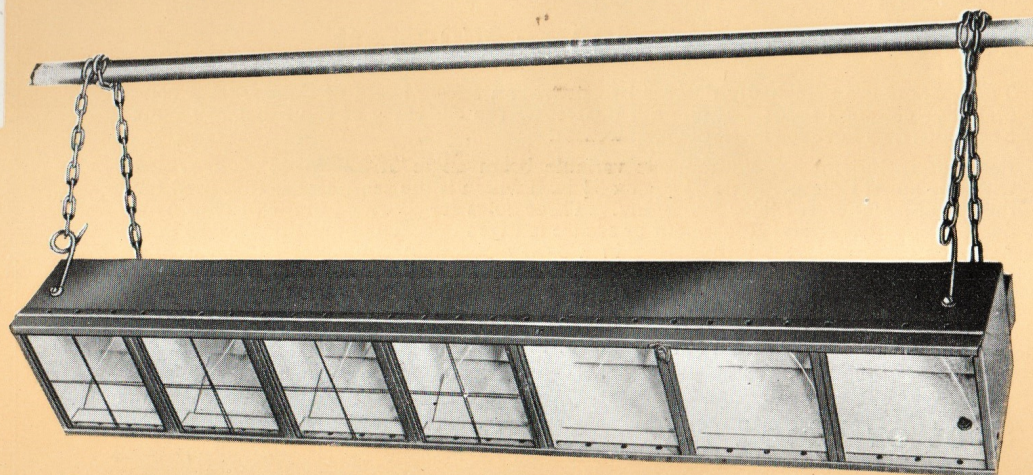


Fig. 6

SPOTLIGHTS

The Spotlights shown in Figs. 1 and 2 have an exceptionally smooth and silent focussing mechanism, with knob control beneath the lantern. The polished metal reflectors can quickly be removed to change the lamp, yet be replaced in the same focal position. The lid over the colour frame runners prevents frames falling out when used on a spot bar. The double housing and ample ventilation provide effective light trap and ensure a cool exterior. Two colour frames supplied with each lantern. The 30 inch asbestos covered leads terminate in a 3-way porcelain connector unless a slip connector is required. A 500 watt Spotlight is also available.

Pageant or Vignette Lantern (Fig. 3)

This Lantern produces a light of greater intensity compared with standard 1,000 Watt Spotlight. It is most suitable for positions requiring a long throw, or where strong Sunlight is required.

Features include:— A convenient access door to the Lamp and Reflector in the top of the Lantern ensures a compact housing with greater strength and protection to the Glass Reflector. A 10 inch Diameter Parabolic Mirrored Glass Reflector is securely supported by means of spring clips from the back of the housing. Focussing is carried out by means of a robust knob at the rear of the Lantern. Sturdy Colour Frame Runners are incorporated in the general construction, and each Lantern is supplied with two 11 $\frac{3}{4}$ inch Square Metal Colour Frames. 24 inch Asbestos covered Leads are provided with a 3-way porcelain connector, unless a Slip Connector is ordered. A $\frac{1}{2}$ inch Whitworth Stem and two nuts are provided on the Stirrup Arm.

G.E.S. Lampholder, suitable for 1,000 or 500 Watt Class A1 or B1 Projector Lamp. Weight:— 21 lbs.

Float Spot (Fig. 4) 100 or 250 Watt

These Spots are principally designed to provide a strong beam of light from a concealed or confined space. While not possessing the efficiency of the usual 250 Watt Spotlight, they have the merit of compactness.

Features include:— A limited but variable beam angle of 22° to 48°. Provided with one metal Colour Frame 5 $\frac{1}{2}$ inch x 5 $\frac{1}{2}$ inch which is the same size as that used for the 250 and 500 Watt Major Spotlights. Three holes are provided in the Stirrup Arm permitting either lateral adjustment or secure fixings in permanent positions. 18 inch Asbestos covered Leads terminating in a 3-way porcelain connector (unless a Slip Connector is specified.)

The overall size is 6 $\frac{1}{4}$ inch x 6 $\frac{3}{4}$ inch x 6 inch high

Weight (with Lamp) 6 lbs.

Spot or Flood Bar

These Spot Bars are designed for use with Battens and can be used for Spots, Floods, Acting Areas or Horizon Floods.

Each Spot Bar comprises 1 $\frac{1}{2}$ or 2 inch diameter gas barrel : Bushed holes for cable outlets spaced at 2 feet, 2 feet 6 inches or 3 feet, with 6, 9 or 12 points : 3 feet long cables at each outlet with female slip connector : each cable is run to a terminal block in the connector box at end of the bar : pipe clamp for $\frac{1}{2}$ inch Whitworth Studs : snap hook safety chains at each point.

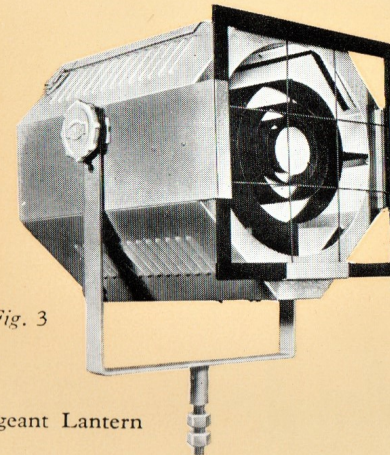
Lanterns are not included and should be ordered separately.



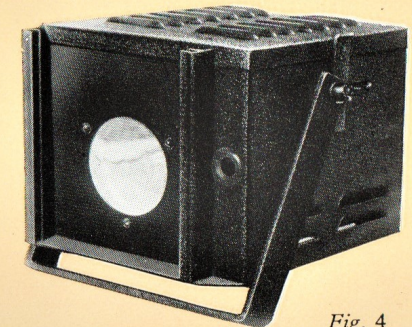
1000 WATT



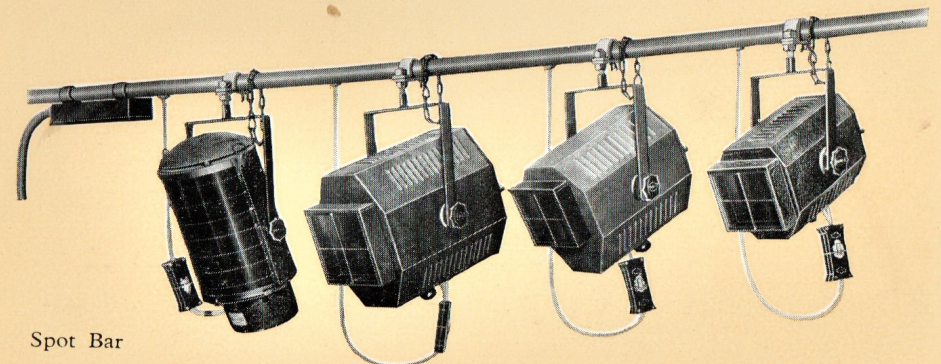
250 WATT



Pageant Lantern



Float Spot



Spot Bar

FLOODLIGHTS

Floods

In the two Floods illustrated in Figs. 1 and 2 a robust chemically brightened and anodised aluminium Reflector is used which produces an exceptionally even beam free from hot spots. Experience has shown great advantages over silvered glass reflectors with these particular Lanterns.

Both types possess a neat device whereby the G.E.S. Lampholder can be repositioned in a matter of a minute for a smaller wattage lamp.

Two Colour Frames are supplied with each Lantern.

An Asbestos covered Lead fitted with a 3-way Porcelain connector is supplied unless a Slip Connector is ordered.

Baby Flood (Fig. 3)

These 150 Watt Baby Floods have numerous uses on small Stages either as a supplement to other lighting, or to provide a special effect on their own.

Features include:—

Wide or Medium Angle Mirrored Glass Reflectors of the same size as used with Footlights and Battens.

A hinged lid with a catch is incorporated to retain the Colour Frame in position.

One Colour Frame, $7\frac{3}{4}$ inch by $9\frac{1}{4}$ inch is supplied with each Flood. This is the same size as that supplied with the 8 inch wide compartment Batten and Footlight.

Either B.C. or E.S. Lampholder can be fitted.

24 inch Asbestos covered Leads are provided with a 3-way porcelain connector, unless a Slip Connector is ordered.

A $\frac{1}{2}$ inch Whitworth stem is provided on the Stirrup Arm.

On request we will be pleased to quote prices for all Spotlights and Floods illustrated in this catalogue, together with extra Colour Frames, Telescopic Stands and any other accessories required.

Designs and specifications of all Lighting Equipment illustrated in this catalogue are subject to change without notice. Improvements in Lighting equipment are continually being sought in order to furnish our customers with the most up-to-date and efficient equipment available.

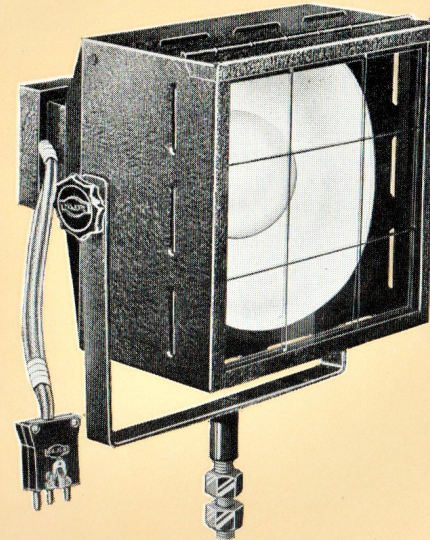


Fig. 1. W.F.5.

500 WATT BATTEN OR
WING FLOOD

with adjustment for use with 300
Watt Lamp and having top
entry for colour frames.

1,000 (or 750) WATT WING
FLOOD

with adjustment for use with 500
Watt Lamp and having side
entries for colour frames.

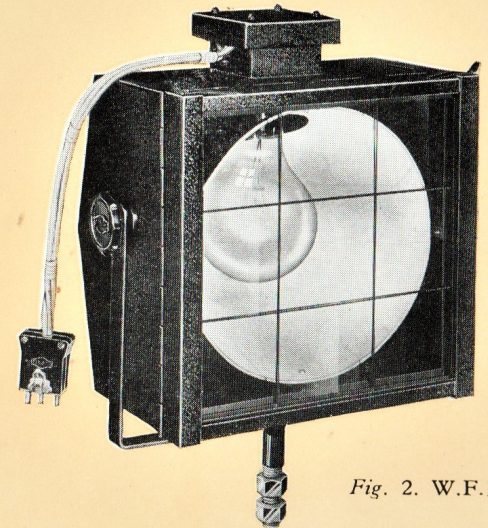


Fig. 2. W.F.10.

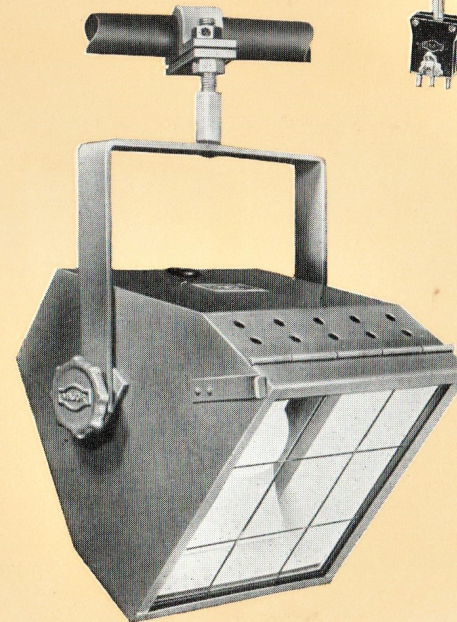
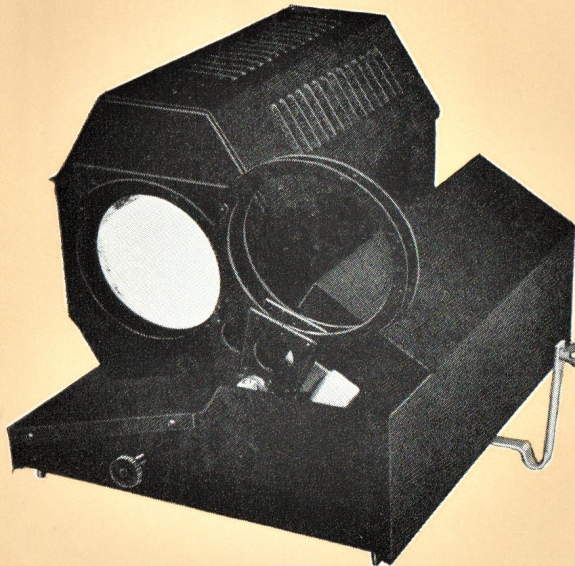


Fig. 3

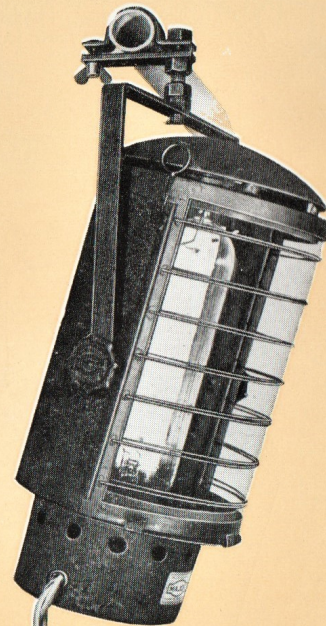
BABY FLOOD

Suitable for Lamp 100 Watt or
150 Watt, General Purpose E.S.
or B.C. Cap. Weight 11 lbs.

COLOUR
CHANGE
SPOT



ACTING AREA
LANTERN



HORIZON FLOOD

SPOTLIGHTS & FLOODLIGHTS

Colour Change Spots

These Lanterns are suitable for placing on Balcony fronts and other inaccessible positions where colour changes are required during a show. They can be fitted with 2, 3 or 4 Colour Frames and the movement is achieved by solenoids controlled from the switchboard. A D.C. supply is desirable for the solenoids from a small metal rectifier to ensure silent operation.

Acting Area Lantern

The principal use for these Lanterns is to provide a vertical or inclined light over a selected acting position.

The Special Features include:—

1. The use of an Inverted Projector Lamp, which has been used by MAJOR in this class of Lantern since 1934, provides a powerful and even light free of all filament image since the beam comprises reflected light only.
2. Quick and convenient access to the Lamp is provided.
3. Adjustment is provided permitting a limited range of Beam angles.
4. The Streamline design removes the possibility of Borders catching on surface obstructions.
5. Exhaustive Fire Tests have proved Perfect Safety to Borders
6. An 11½ inch Diameter Metal Colour Frame is provided and supplied with Gelatine.
7. 3 feet Asbestos covered Leads are provided with a 3-way Porcelain Connector (unless Slip Connectors are ordered).
8. A ½ inch Whitworth Stem with two nuts is provided on the Stirrup Arm.
9. Weight complete with lamp and Colour Frame is 19 lbs.
10. For use with 1000-Watt or 500-Watt Class B1 Projector Lamp.

Horizon Flood

Horizon Floods provide the best means yet devised of lighting a Cyclorama or Backcloth.

The Beam is uniform and Hot spots are eliminated. The one housing will take either a 500 or 1,000 watt Tubular Flood Lamp, and adjustment is provided in the base for different Lamp lengths.

A curved, non-breakable, chemically brightened and anodised aluminium reflector is normally supplied, giving even distribution of light. Silvered glass reflectors can be supplied if specially desired, although tests show that the advantage is not appreciable.

The colour medium is supported between pairs of horizontal wires mounted on a wide edged Colour Frame hinged on one side. The frame slides in from the top and is positively held in position.

| | |
|--------------------|------------------|
| 1,000 or 500 Watt— | |
| Beam Angle | 165° |
| Net Weight | 14 lbs. complete |
| Lampholder | G.E.S. |

STAGE DIPS

Fig. 1. The special features of this Stage Dip Trap include (a) a sloping socket panel to give easy access for rapid insertion and withdrawal of plugs : (b) appropriate colours surround the sockets to identify each with the correct colour shaft on the switchboard : (c) an anti-water drip guard over the socket panel : (d) a self-closing strong malleable cast iron hinged lid ; a complete unit.

Catalogue No.

| | | | |
|-----|------------------------------|-----|-------------------------------|
| SD1 | 1 Way Stage Dip Trap—15 amp. | WD1 | 1 Way Wall or Fly Dip—15 amp. |
| SD2 | 2 Way Stage Dip Trap—15 amp. | WD2 | 2 Way Wall or Fly Dip—15 amp. |
| SD3 | 3 Way Stage Dip Trap—15 amp. | WD3 | 3 Way Wall or Fly Dip—15 amp. |
| SD4 | 4 Way Stage Dip Trap—15 amp. | WD4 | 4 Way Wall or Fly Dip—15 amp. |

TELESCOPIC STANDS

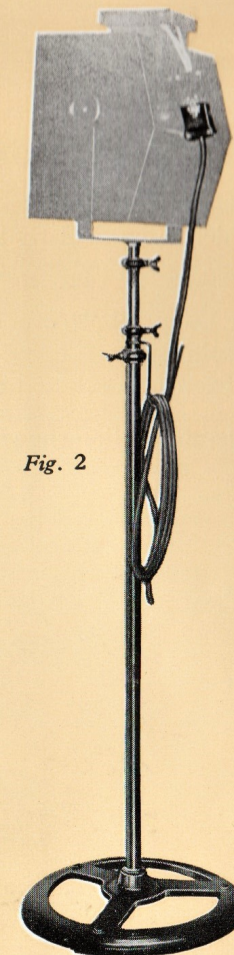
Fig. 2. The Telescopic Stand, as illustrated, has a minimum height of 4 feet, and a maximum safe height of 7 feet. The heavy cast circular base permits it to be rolled into position, and the loose collar enables the Lantern to be swivelled when required. A hook is provided for coiling the trailing stage flex.

COLOUR MEDIA

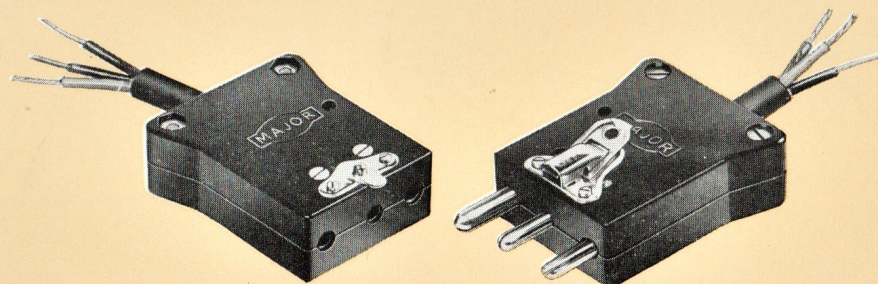
| | | | | |
|--------------------|-----------------------|--------------------|--------------------|-----------------------|
| No. 1 Yellow | No. 9 Middle Salmon | No. 18 Middle Blue | No. 26 Mauve | No. 40 Light Blue |
| No. 2 Light Amber | No. 10 Middle Rose | No. 19 DARK BLUE | No. 29 Heavy Frost | No. 50 Pale Yellow |
| No. 3 Straw | No. 11 Dark Pink | (Primary) | No. 30 Clear | No. 51 Gold Tint |
| No. 4 Medium Amber | No. 12 Deep Rose | No. 20 Deep Blue | No. 31 Light Frost | No. 52 Pale Gold |
| No. 5 Orange | No. 13 Magenta | No. 21 Pea Green | No. 32 Medium Blue | No. 53 Pale Salmon |
| No. 5a Deep Orange | No. 14 Ruby | No. 22 Moss Green | No. 33 Deep Amber | No. 54 Pale Rose |
| No. 6 FIRE RED | No. 15 Peacock Blue | No. 23 Light Green | No. 36 Lavender | No. 55 Chocolate Tint |
| (Primary) | No. 16 Moonlight Blue | No. 24 Dark Green | No. 39 STAGEGREEN | No. 56 Pale Chocolate |
| No. 7 Light Rose | No. 17 Steel Blue | No. 25 Purple | (Primary) | No. 60 Pale Grey |
| No. 8 Salmon | | | | |

Size of Sheets—22½ inch x 17½ inch.

Fig. 2



SLIP CONNECTOR



This connector is indispensable with all portable equipment

Fig. 1



STAGE SWITCHBOARDS

Fig. 1 Motor Driven Dimmer Board

This is a type of Remote Control Dimmer Board, with controlled travel, which is particularly suitable for controlling the lighting in Lecture Halls, Dance Halls and similar auditoria.

In Dance Halls, ever changing colour effects can be obtained by means of a continuously running motor operating any number of Dimmers through a fixed or a selected cycle.

The illustration shows a small Board as supplied to a Lecture Hall.

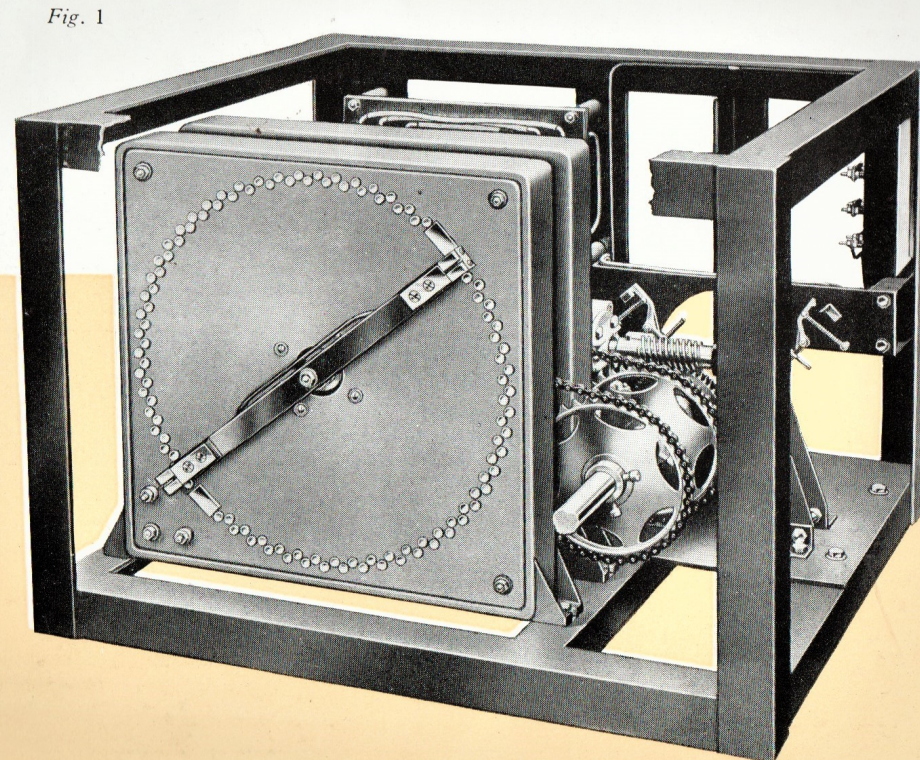


Fig. 2 Popular Type Theatre Switchboard

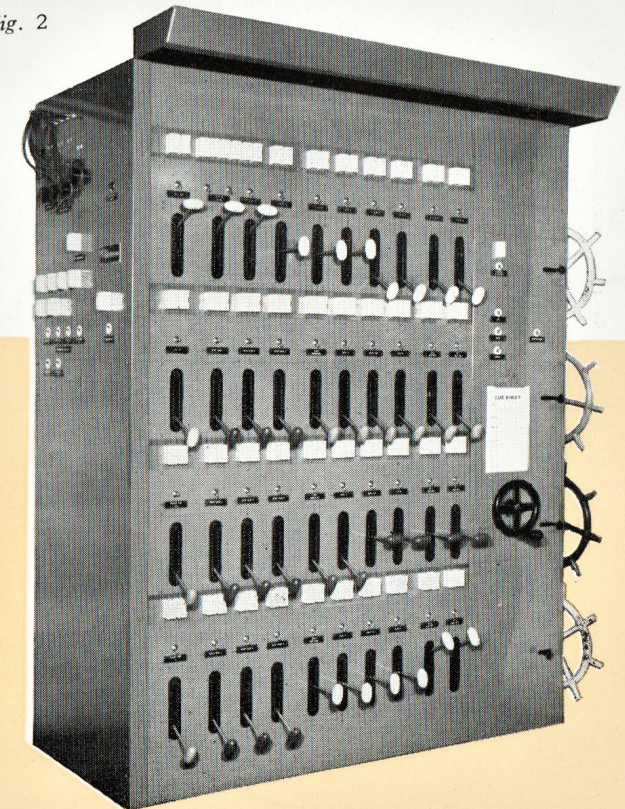
This Single-directional Grand Master Switchboard is a typical size and design for Repertory Theatres and other Theatres staging No. 1 shows.

Radial Arm Dimmers having slipping clutch handles can be engaged individually at will on to the main shaft and dimmed by means of the Capstan Wheel. In addition, one or more shafts can be engaged and controlled by the slow motion Master Wheel.

The Board illustrated possesses 40 Dimmers. On the left hand side panel Ballast plugs exist for use with Dips. Colour and Master Blackout Contactors are placed in a remote position and are controlled from the board.

The overall size is 5 ft. 10 in long and 7 ft. 9 in. high and 2 ft. 6½ in. deep with 7 in. over all handles.

Fig. 2



STAGE SWITCHBOARDS

Fig. 2.

The "Miniseel" 36 way Choke Type Switchboard Control illustrated in Fig. 2 measures only 3 feet high x 2 feet wide x 1 foot 6 inches deep. The controls are, top row two way and off switches which throw the circuit either into the Bank Master, independent of Master or off. Beneath the switches are the dimmer levers of the individual circuits. On the left is the Bank Master Dimmer lever with its two way and off switch which puts it either into the Grand Master, independent of Grand Master or Bank off. The Bank signal lamps indicate when the bank is alive. In the centre of the bottom panel is the Grand Master Hand-wheel flanked by switches which control both the A.C. and D.C. supply and which give a quick or slow blackout. Remote from this control panel would be a bank of chokes together with a metal rectifier to supply the D.C. current. The Choke type switchboard is suitable for operation only on A.C.

FLUORESCENT LIGHTING CAN BE DIMMED

A similar principle is used for the dimming of fluorescent lighting and the two forms of lighting can be controlled from the same panel. Any number of tubes can be dimmed or brightened with no perceptible "step" off or on.

Fig. 1. A Grand Master Board which provides at the operator's discretion (1) Independent control of each dimmer circuit: (2) Colour Master control of all or selected dimmers of one colour or group: (3) Grand mastering of all colours, i.e., all dimmers can go in one direction at the same time, or alternatively, one or more Shafts can operate in the reverse direction to the remainder.

An Automatic Trip at the end of each dimmer band can be fitted to release the handle from the Grand Master or Colour Master control.

Radial arm dimmers having 80 or 100 contacts are fitted.

Fig. 1



Fig. 2

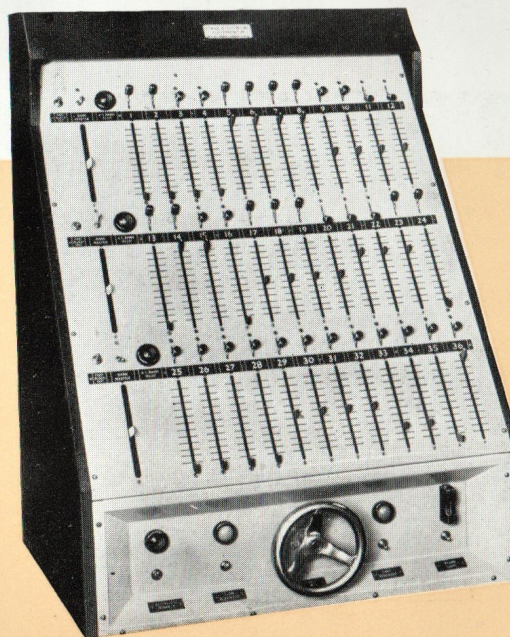
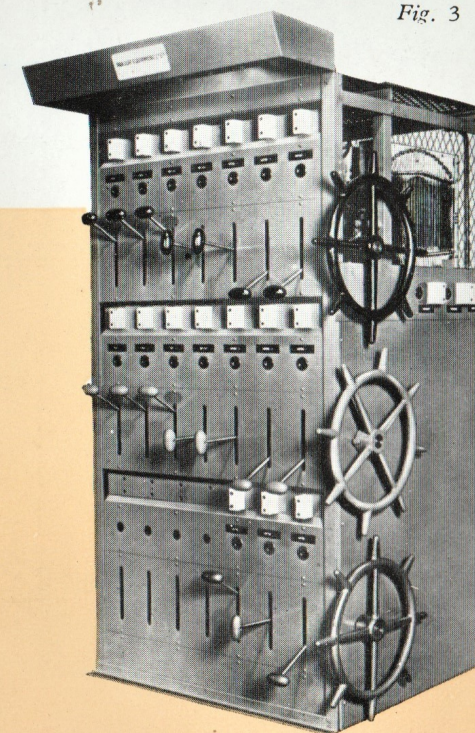


Fig. 3. A simple Cinema three-colour Switch and Dimmer Board, with a simple locking to Colour Master capstans. Dimmers are of the two arm stud type, and two types are available—80 contacts for the more economical installations, and 100 contacts for smoother running. Enquiries should give the following information: (a) number of ways and loading of Dimmers; (b) number of colour groups; (c) voltage of supply and whether A.C. or D.C. and number of phases to be used; (d) details of switches required; (e) type of mastering, e.g. no Colour Master Handle; Colour Master Control (as illustrated); Grand Master control.

Fig. 3



STAGE SWITCHBOARDS

Permanent Slider Dimmer Board

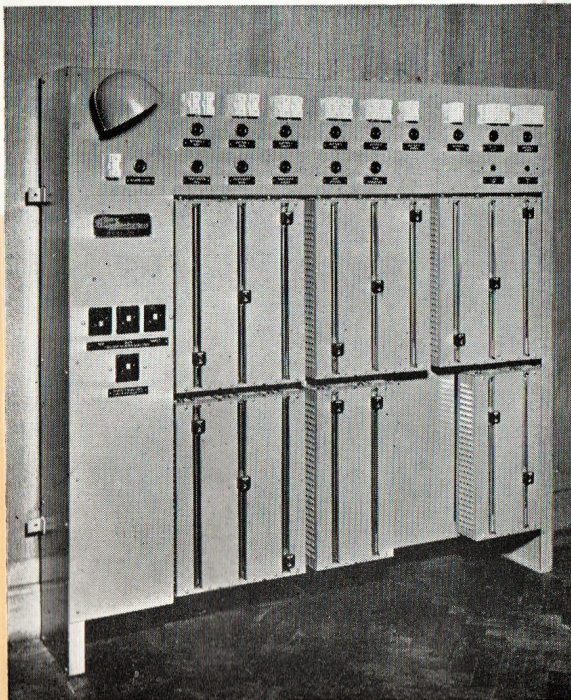
Fig. 1

This style of Slider Dimmer Board is suitable for small stages where space and cost have to be considered. The layout is simple and straightforward enabling an unfamiliar operator to take over without prior instruction.

The maximum depth of this style of board is only 8 ins.

PLUG BOARDS on similar lines to this design, where several circuits can be plugged into a few dimmers, can also be supplied.

Fig. 1



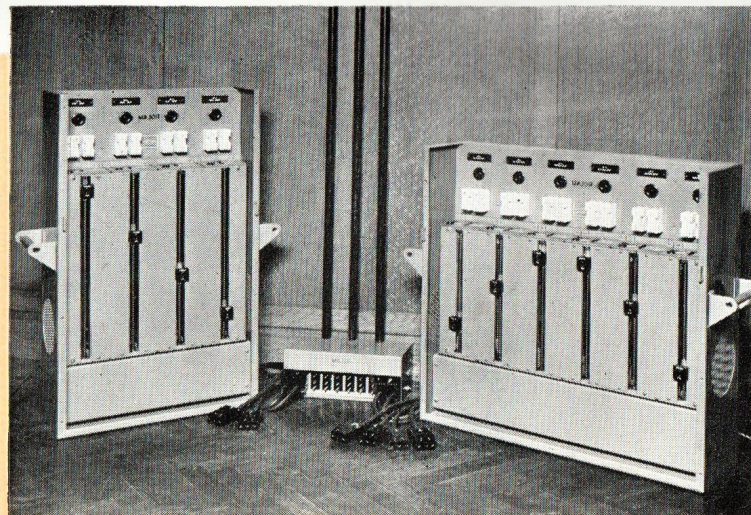
Semi-Permanent Installation

Fig 2.

When it is desirable to remove a Dimmer Panel for safety yet use it with a permanently wired installation, this style of Panel is available.

Installations have been carried out where two or more halls share the same Switchboard and also the lighting apparatus which is merely plugged into similar wiring installations.

Fig. 2



"Scolaseel" Board

Fig. 3

THE SCOLASEEL Minor and Maxima switchboards have been designed to satisfy a great need in Schools, Small Cinemas and Village Halls for a form of control which is both flexible and inexpensive.

Both of these requirements have been achieved in the SCOLASEEL which controls 12 circuits into each of which a dimmer can be plugged. The number of dimmers fitted depend entirely on the requirements of the customer and additional dimmers can always be added at a later date if required. In the meantime, the circuits can still be operated by the switches.

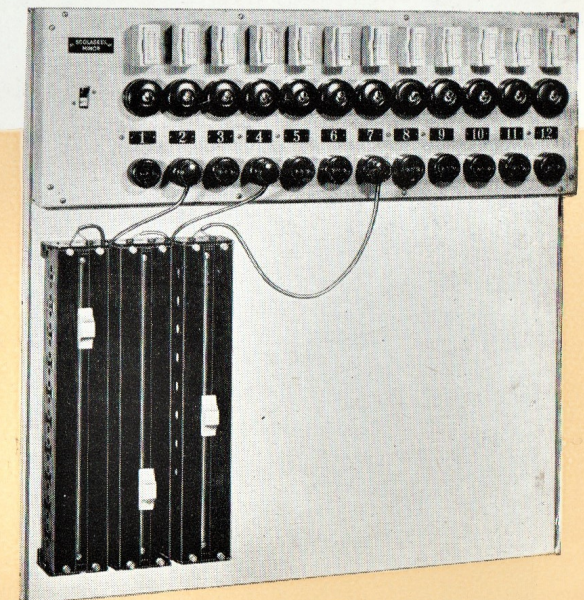
The operation of the SCOLASEEL is that any dimmer can be plugged into any circuit and the circuit dimmed or brightened as required. The plug can then be withdrawn for use on another circuit, leaving the first in a fully blacked out or fully brightened position. Any number up to 9 circuits on the MINOR and 6 circuits on the MAXIMA can be dimmed or brightened simultaneously whilst the remainder can still be operated on switches irrespective of the dimmers.

SCOLASEEL MINOR : 34" high x 34" wide x 5 3/4" deep overall dimmers.

SCOLASEEL MAXIMA : 34" high x 34" wide x 7" deep overall dimmers.

WEIGHT : 43 lbs. without dimmers.

Fig. 3



PORTABLE DIMMER BOARDS

Portable Dimmer Panel

Fig. 1 illustrates the 6-way portable Dimmer Panel with travelling cover removed. This is the ideal equipment for small stages or for touring companies.

The robust design and compact construction provides the maximum protection to Fuses, Switches and Dimmers.

Silent 15 Amp. A.C. Circuit Switches and Master Blackout Switch are incorporated on A.C. Panels.

The input terminals are easily accessible through a panel at the back. Variations in the Dimmer sizes can be provided, and Circuit outlet sockets which are normally the 15 Amp. size, can be replaced by, say, two 5 Amp. at customers' request.

Each Panel is provided with a Travelling Cover, Card Carriers and all necessary circuit Plugs.

Padlocks can be fitted to secure the Travelling Cover.

A.C. Typical Panels :—

6 way 1,000 Watt with 6-15 Amp Circuit Sockets

4 way 1,000 Watt with 4-15 Amp Circuit Sockets

3 way 1,000 Watt with 3-15 Amp Circuit Sockets

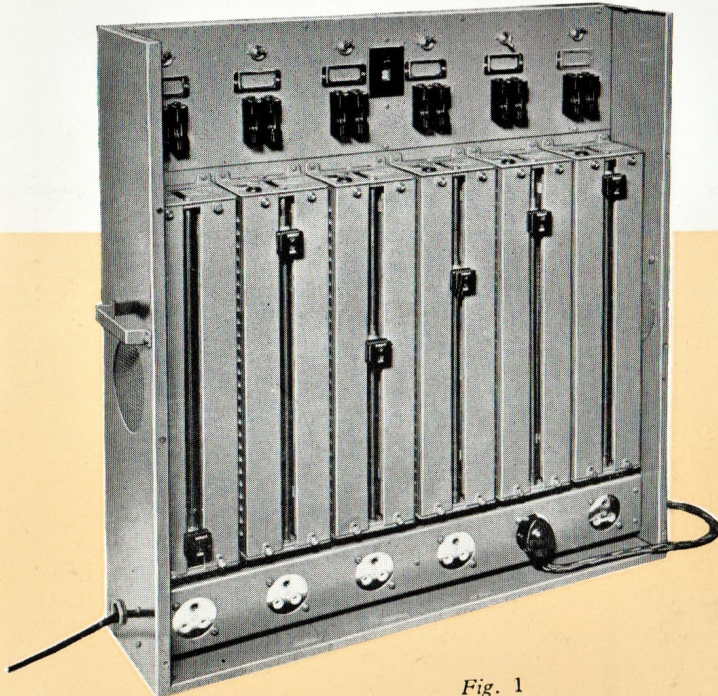


Fig. 1

Slider Dimmers & Resistances

Fig. 2.

This popular flickerless dimmer is wound on a slate former, and incorporates a brush slider which retains its smooth action even when the dimmer is hot. All live parts and terminals are protected and the winding is well ventilated. Alternatively this Dimmer can be fitted with worm and bevel drive for operation through a wall or switchboard panel.

When ordering please state :—

- (a) Wattage to be controlled.
- (b) Continuous or intermittent rating.*
- (c) Voltage of supply.
- (d) A.C. or D.C.

Capacities available from 250 watt to 5,500 watt.

* The intermittent rating is suitable for use when the slider will not be left midway for longer than 3 minutes.

Intermittent rated dimmers are intended for Auditorium and Cinema use and not for use with Stage Lighting.

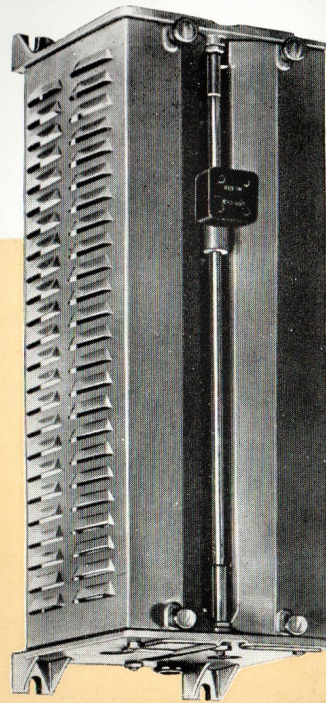


Fig. 2

Portable Dimmer Board

Fig. 3. This type of Board has been designed to meet the needs of Education Authorities and Touring Companies. Each Dimmer can be operated singly or coupled with others for general dimming by means of a Master Handwheel.

Its special features include (a) an illuminated control panel, recessed to give protection to switches and fuses when the board is in transit: (b) Master Black-out switch (for A.C. supplies only): (c) graded dimmer markings against each dimmer control handle: (d) dimmers can be arranged for 500, 750 or 1,000 watts.

Available in a 6-way Board, 9-way Board and 12-way Board.

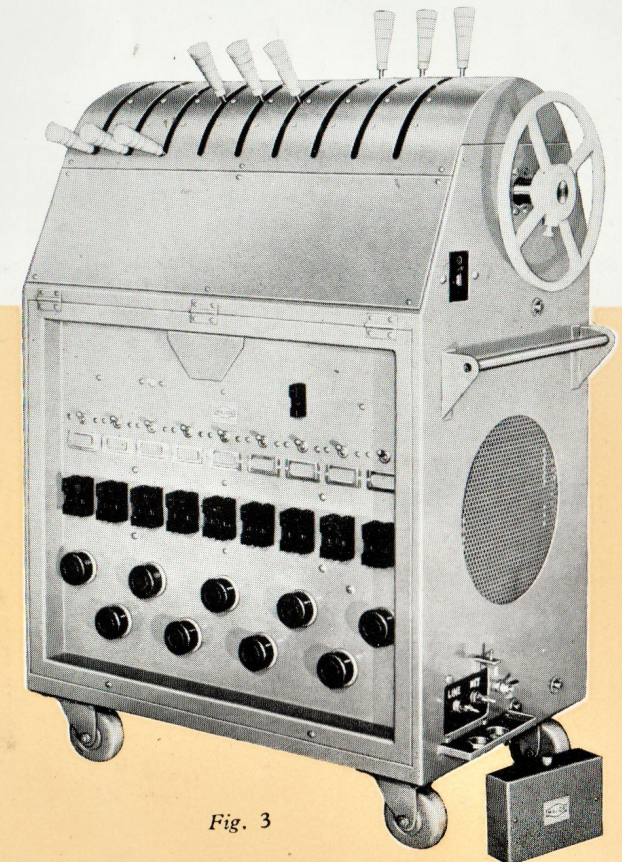


Fig. 3

ESSENTIAL EQUIPMENT FOR THE BALLROOM

providing most spectacular Lighting Effects

Fig. 1.

The new SPECTROLA

This latest improved model provides more and varied colour changing beams by means of additional deflecting mirrors. Requires no operator, and is simply controlled by a switch.

It provides one of the most spectacular novelty lighting effects ever seen. The SPECTROLA has been designed to project 30 constantly changing scintillating beams in beautiful rainbow colours over the entire floor area. These beams, converging and mixing, sweep round at a speed of approx. 4 r.p.m. In the centre of the floor, directly underneath the SPECTROLA, a continuous display of changing colour is provided—while secondary beams are passing from the centre to meet, and disappear, into the main beams which are sweeping round the outer radius of the floor. It is a handsome piece of apparatus — finished in beautifully tinted metallic colours with six powerful lenses, thirty reflectoscopic mirrors, a complete set of colour screens containing the primary and subsidiary colours of the spectrum — and a specially designed electric motor. Adjustment is provided for the beam angle to suit varying conditions, and immediately the current is switched on, the SPECTROLA will commence to operate and project a kaleidoscope of colours.

SUSPENSION GEAR FOR SPECTROLA

Wall-mounting self-sustaining

Winch (100ft. wire rope capacity)

3" Pulleys for wall or joist mounting

When ordering please state
type of Pulley required.

Height 29" Width 32" Weight 38lbs.

Prices on request

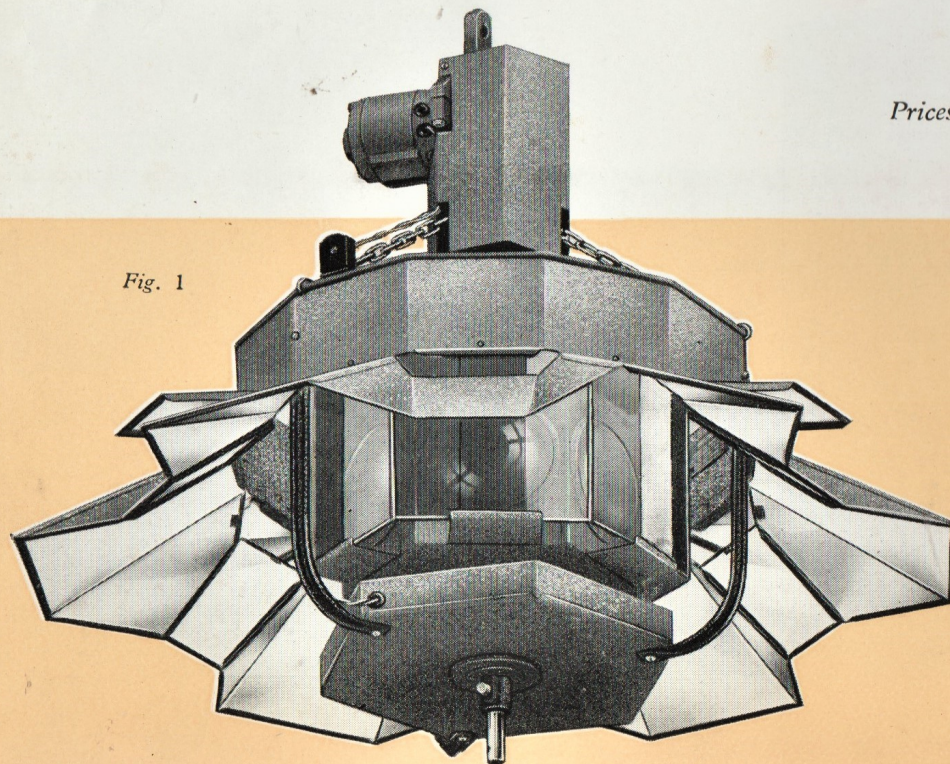


Fig. 1

Fig. 2. Mirror Bowls & Balls

When a beam of coloured light is projected on to the Mirror Bowl or Ball, a wonderful multi-coloured snow-storm effect is obtained, falling into a shower all over the Ballroom.

Although any of our Standard Spotlights may be used, we recommend the All-Electric Colour Change Spotlight. This commences to operate as soon as current is switched on—when the colours change slowly, from Red to Green, etc.

IMPROVED DESIGN with COLOURED INSERTS

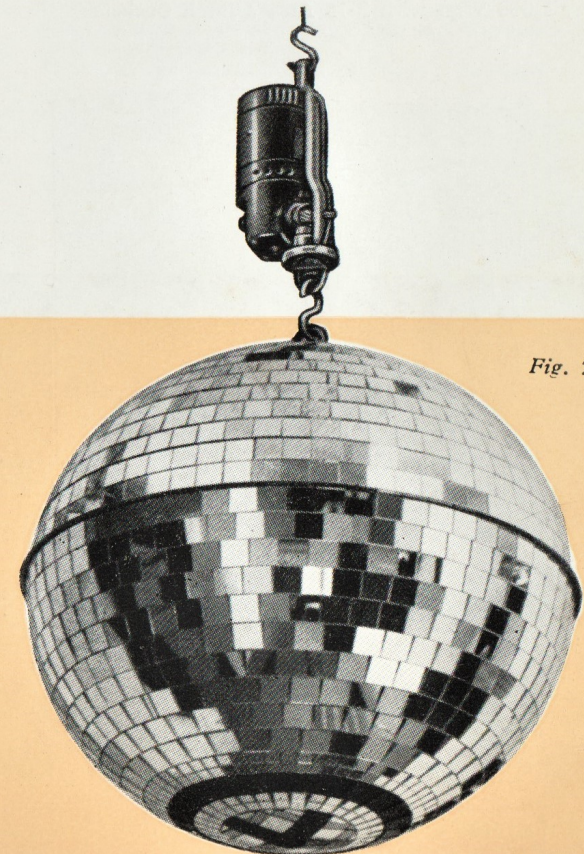


Fig. 2



