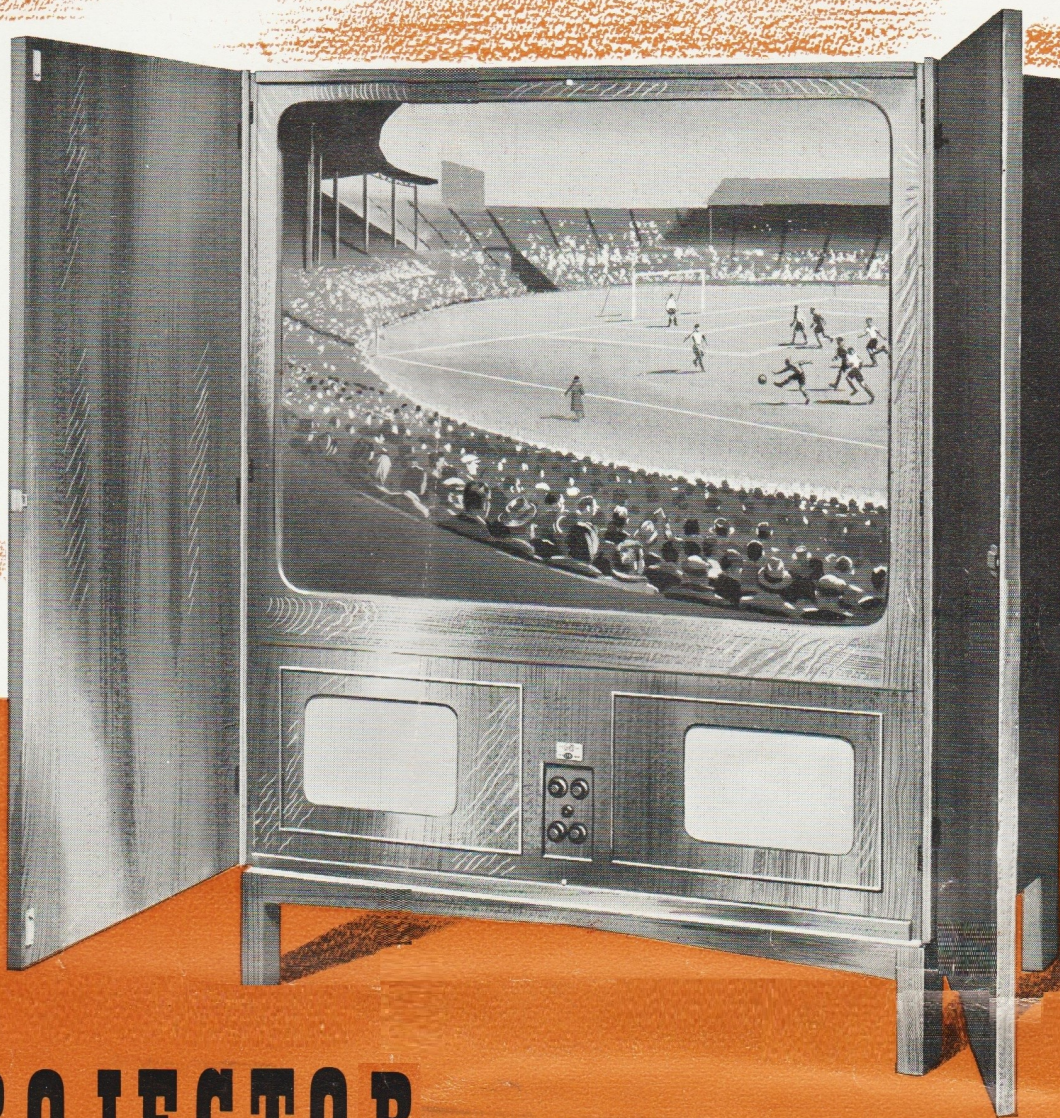


*The*  
**GR**



**TELEPROJECTOR** ■ ■ ■ A CINE SIZE  
TELEVISION RECEIVER



*for community viewing*



*For almost fifty years Gaumont-British enterprise  
has held the lead in providing entertainment for large audiences  
by the projection of pictures on to screens of various kinds.*

*to-day*

*we extend this service to the field of television.*

*Now, we are able to offer brilliant televised pictures  
for large audiences in the latest development of  
modern screen entertainment . . .*

# THE GB TELEPROJECTOR

LARGE SCREEN REAR PROJECTION T.V.  
(4ft. x 3ft.)

*W*ith this instrument televiewing is no longer limited to a few people huddling in a darkened room before a tiny screen. Audiences of up to 350 can now sit comfortably in halls, hotel lounges, canteens, and small cinemas, *even with the lights on*, and see brilliant pictures on a screen 4 feet by 3 feet, which is built into the equipment.

*T*he G.B. Teleprojector is a highly efficient Television Receiver, which has *no separate screen*, and *no focussing worries*—everything is self-contained in a single cabinet. As the picture is seen through a translucent screen by means of rear-projection from inside the cabinet, the picture is brighter and sharper than that of any other comparable system. The instrument simply plugs into the nearest electric socket, and consumes only 300 watts.

**Control is as simple as that of an ordinary domestic TV set.**

As the G.B. Teleprojector is self-contained, it is movable, and if necessary *can be moved during viewing*. For routine maintenance, the chassis, speaker and internal controls are accessible through hinged panels secured by quick-action screws. **Twelve months' free service and maintenance (including valves, tubes, etc.) is provided.**

*S*creening a wealth of visual entertainment, of sporting events, of truly historic occasions, television is an ever-wider sharing of experience.

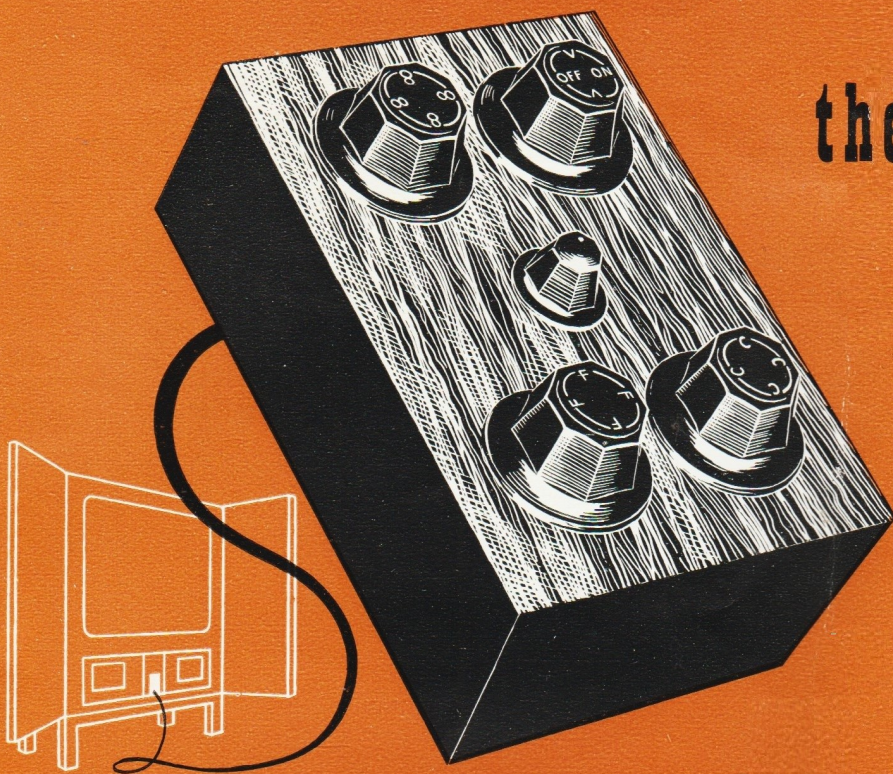
Formerly for the few, now for the community—with **the G.B. Teleprojector.**

Distributed by



Limited





## ★ the control panel

Manual pre-video amplifier noise limiting on vision is provided and automatic noise limiting is arranged on sound.

Brightness, Contrast video noise limiter, Focus and Sound volume controls are grouped in a small box in the centre at the front of the cabinet. This control box is removable on a 16ft. cable for ease of picture adjustment and when replaced can be locked so that unauthorised persons cannot upset the adjustments.

## ★ The Advantages of Rear Projection

### ★ WHY REAR PROJECTION ?

The picture is transmitted *through* the screen, which is non-reflective, and can be viewed in a well-lighted hall, or even in daylight (but *not* strong sunlight) without loss of clarity.

There are no critical focussing adjustments of the picture upon an external screen. The brightness of picture is not affected by dust, smoke, etc., in the air between the projector and the screen. The projected picture is not *reflected* from the screen, and its efficiency is not therefore impaired by dirt and tar from tobacco smoke, etc.



# The G.B. Teleprojector

therefore employs  
rear projection

## WHICH HAS MANY ADVANTAGES . . .

### ★ IT ENABLES THE RECEIVER TO BE SELF-CONTAINED

The cathode-ray tube, optical system and screen are all integral parts of the receiver cabinet.

### ★ IT MAKES THE RECEIVER MOBILE

Being self-contained, it is easy to move, even while the picture is showing, convenient to store, and only needs to be switched on when required.

### ★ IT ENSURES ACCURATE FOCUSING AT ALL TIMES

Because the screen is not a unit separate from the receiver, there is nothing to get out-of-focus. The optical box is set in the factory and stays permanently in focus—whereas with front projection, the angle and distance must be predetermined and the picture adjusted for focus each time it is set up, and the slightest deviation will throw the picture completely out of centre and focus.

### ★ IT MAKES FOR EASY MAINTENANCE

because all the working mechanism is in one place.

### ★ IT GIVES A PICTURE OF GREATER QUALITY AND DEFINITION

by obviating an external 'throw' and attendant light loss.

### ★ IT ELIMINATES 'MUCK' INTERFERENCE

The total encasement of the optical box and the use of a transmitting (as opposed to reflecting) screen ensures a perfectly clear screen and optical light path, by excluding dust, etc.

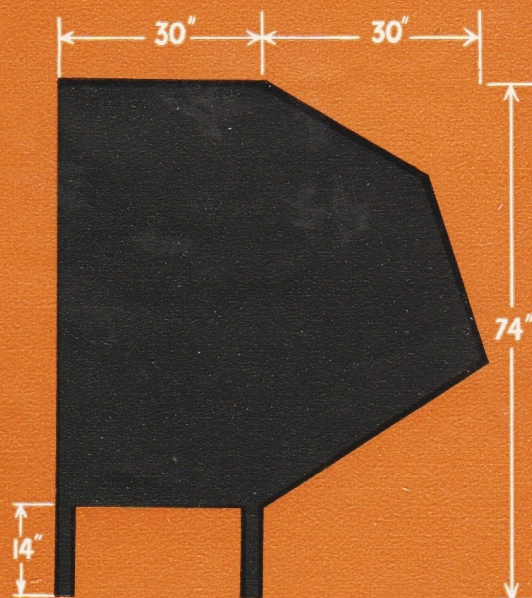
### ★ IT MAKES POSSIBLE AN UNOBSTRUCTED VIEW

The cathode-ray tube image can only be projected forward a very short distance as a wide angle lens must be employed. This means that, with front projection, the projecting unit must always be between most of the audience and the screen, thus obstructing the view. In addition, the screen must be placed higher than the top of the projecting unit and slanted down. With the one-unit receiver, both these disadvantages are avoided.

### ★ THE SCREEN IS NOT AFFECTED BY EXTERNAL LIGHT

because the picture on the screen is transmitted, not reflected. This is particularly advantageous for schools, canteens, or for use in halls or hospitals where it is necessary to maintain normal lighting while TV is being shown.

**ONLY THE G.B. TELEPROJECTOR GIVES A  
4ft. x 3ft. IMAGE BY REAR-PROJECTION**



*The rear of the receiver incorporates an extendable 'hood' which must be fixed before transmission may begin. This is an extremely simple operation. The 14" plinth is a separate unit; the nett height of the machine, for moving etc, being 5ft.*

## THE G.B. TELEPROJECTOR

is completely housed in a strong, dark oak cabinet, approximately 60" high, 54½" wide and 30" deep (extending to 60" when in use), mounted on a separate stool 14" high, for easy storage and transportation. Doors cover the screen when not in use, and are so hinged that they may be used as a partial shade to the light from behind the receiver, or may be folded flush with the sides out of the way. A special high fidelity loud-speaker is incorporated and sockets are provided for extension speakers.

*Other features:*

### SCREEN

The special lenticulated screen, is transmissive in property. Both internal and external surfaces can easily be kept clean to ensure maximum light transmission.

### CIRCUIT

The special electronic circuit combined with rear projection gives a greater picture brightness than that obtainable by any other means.

- ONE YEAR'S FREE SERVICE MAINTENANCE (including valves, tubes, etc.)
- SERVICE AND MAINTENANCE ON AN INEXPENSIVE SUBSCRIPTION THEREAFTER IF REQUIRED
- INEXPENSIVE CATHODE TUBE REPLACEMENT IF SUBSCRIPTION SERVICE IS NOT REQUIRED
- EXEMPT PURCHASE TAX
- FOR A.C. SINGLE PHASE SUPPLY 200/250 VOLTS
- FOR STANDARD BRITISH TV TRANSMISSIONS ON 405 LINES
- CAN BE ADJUSTED TO WORK FROM A D.C. SUPPLY IF A SUITABLE CONVERTER IS AVAILABLE
- CAN BE ARRANGED TO WORK ON THE ELECTRIC SUPPLIES IN NORTHERN IRELAND (No grid system)





★ The control unit is removable  
on a 16ft cable for ease of  
picture adjustment.

# THE **GB** TELEPROJECTOR

*Large Screen Single Unit Rear Projection*

**TELEVISION RECEIVER**



## TECHNICAL SPECIFICATION

Manual pre-video amplifier noise limiting on vision is provided and automatic noise limiting is arranged on sound.

Brightness, contrast video noise limiter, Focus and Sound volume controls are grouped in a small box in the centre at

the front of the cabinet. The control unit is removable on a 16ft cable for ease of picture adjustment.

Mains supply 200-250 volts 50 cycles single phase; consumption 300 watts. For Standard British TV Transmissions on 405 lines.

The G.B. TELEPROJECTOR is distributed in Great Britain by G.B-Kalee Ltd. Demonstrations can be arranged at any of the Branches. Please write for further information to:

*The Teleprojector Sales Department of*

# G.B - KALEE LIMITED

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CARDIFF 9 PARK LANE. Tel: 7676.

GLASGOW 211 HOPE STREET. Tel: Douglas 0601.

LEEDS 17 WELLINGTON STREET. Tel: 20597.

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EVERYTHING FOR THE CINEMA, THEATRE & ASSEMBLY HALL

