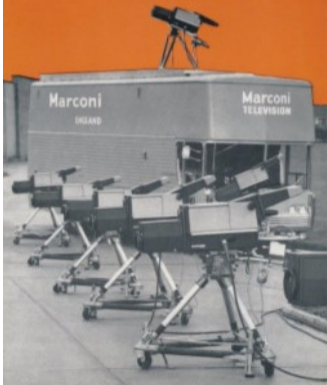


Marconi television for hire



Television for hire

- Complete range of television equipment
- Engineering and production personnel
- Individual equipments or complete systems
- Mobile or static facilities
- A service which meets the smallest and largest requirements

Great Places. Marconi Outside Broadcast Unit.

Sporting Event Television sporting events for closed-circuit transmission is gaining popularity both in the U.K. and abroad.

Marconi television equipment formed a vital part of the world's first public television service, inaugurated by the BBC in 1936. There is no other manufacturing organization in the world, therefore, that can lay claim to a longer history of experience and activity in the television field. And certainly no other manufacturing organization in the world has approached Marconi's record of success in the sale of 4½-in. image-orthicon television cameras, a type which was pioneered by the Company. The operational performance of the 4½-in. I.O. camera is recognized as the criterion against which all other cameras are measured.

But the experience and "know-how", which are crystallized in the products which Marconi's manufacturers, are available not only to those who buy capital television equipment; they are also available to those — anywhere in the world — who wish to HIRE it.

Requirements vary. But whatever they may be — whether for a complete outside broadcasting system, housed in a vehicle and operated by Marconi engineers, or for a single item of equipment — the Company will meet the demands of its customers.



Outside broadcast unit

Marconi's are probably more experienced than any other company in the world in designing and manufacturing outside broadcast units. Their latest, which is available for hire, is the culmination of this experience, and incorporates all the most successful features of its predecessors.

Inside the O.B. Vehicle. Taken from the electronic equipment area in the rear of the vehicle, the photograph shows the sound compartment and production area.

THE VEHICLE

The vehicle is divided into three separate, fully air-conditioned compartments. All the electronic equipment, except the production monitors, is housed in the rear. The sound compartment is in the center. The production area is in the front. The compartments are divided from each other by glass partitions, enabling the engineers in the rear to see the members in the front—especially desirable when colour is being used.

Camera-mounting platforms are provided on the roof and front of the vehicle.

The vehicle body is constructed on a heavy-duty Bedford 8-ton T.K. chassis, self-propelled by a 6540 c.c. Leyland Diesel engine.

Power equipment trailer. Diesel-electric power for the television equipment is provided by a 25 KVA Diesel-electric generator contained in a trailer. The power frequency is controlled by the field frequency of the television system in use.

Mobile operations speed. The vehicle is so designed that subjects can be televised while the complete unit is travelling at speeds up to 30 m.p.h. (48 k.p.h.).



TELEVISION EQUIPMENT

A major feature of the unit is the flexibility of the equipment arrangements to allow for the varied requirements of different users.

Cameras. The unit can carry up to eight Mark V monochrome cameras or up to six Mark VII colour cameras.

Sound Facilities. Thirty-six microphone channels are available.

Video Recording. An Ampex VTR is provided and will operate in both monochrome and colour.

Monitors. Twelve picture and waveform monitors are installed in the production area, enabling the vehicle to be used as a master control room for a group of outside broadcast vans for television coverage of such subjects as Olympic Games or State occasions.

PERSONNEL

Engineering. Experienced Marconi camera operators, lighting, sound and vision engineers are available.

Production. All programme staff including producers, directors, set-designers and make-up artists are available.

HIRE CHARGES

These will vary according to the facilities required and are detailed on a separate rate card, but for budgetary purposes a daily rate of £700 can be assumed for the unit complete with four camera channels, ancillary equipment and staff.

Winter Olympics. A comprehensive Marconi Outside Broadcast Unit and additional Marconi cameras were hired during the Winter Olympic Games of 1984 by Integral AG to assist in providing television coverage for the American Broadcasting Company.



Individual equipments and facilities

CAMERAS

Cameras are available to meet the production and application requirements of all types of user.

Video. For simple applications with good light, and for film.

Image Orthicons. For indoor and out-of-door use where a high degree of definition is required coupled with full broadcasting specification.

SOUND

Facilities for sound can be provided.

MIXING EQUIPMENT

Video and audio mixing equipment is provided when more than one camera or more than one sound source is employed.

TELECINE

Telecine equipment for high quality reproduction of 16 mm. or 35 mm. film.

VIDEO RECORDERS

Video tape recorders for permanent recording of programmes or if a time interval between the televising and showing of a programme is desirable.

LIGHTING

Complete lighting facilities, including specialised generating plant.

STUDIOS

Complete studios with full facilities in London and Chelmsford can be connected to any part of the United Kingdom.

TRANSMISSION

Various methods of transmission may be used.

Line Links. These can take the form of simple cable links from one room to another. Long distances can be covered by video or telephone lines.

Radio Links. SHF links for carrying television signals where land lines would be difficult or unavailable.

Small Transmitters. 1-50 watt transmitters.

DISPLAY

Monitors. 23-in. monitors providing comfortable viewing for an audience of up to 200 people.

Small Screen Projection. The television picture can be projected on a screen 5 ft. 7½ in. by 7 ft. 6 in. (128 cm. by 191 cm.) for viewing by about 750 people.

Medium Screen Projection. A 12 ft. by 9 ft. (366 cm. by 274 cm.) screen for viewing by about 1,000 people.

Large Screen Projection. An 18 ft. 6 in. by 13 ft. 10 in. (563 cm. by 422 cm.) screen for viewing by about 3,000 people.

PERSONNEL

Operators, engineers, lighting experts, etc., are available if needed.

HIRE CHARGES

These are detailed on a separate rate card.



Some users

American Broadcasting Corporation
Associated Television Ltd.
British Broadcasting Corporation
Capitol Cities Broadcasting
Carveras Ltd.
Columbia Broadcasting System Inc.
Granada TV Network Ltd.
Intertel
Radio Industry Council
Rank Organisation
Rediffusion Ltd.
Slumberland Ltd.
Smith Kline & French
Southern Television Ltd.
Tyne Tees Television Ltd.

Some occasions

Radio Industry Council's Radio Show,
1949-1964
'Tonight' programmes (BBC)
President Eisenhower's visit to Italy and
India
H.R.H. The Princess Margaret's Wedding
Live colour across Atlantic via 'Telstar'
Carveras colour demonstration at Baddley
to audience in London
World Bobsleigh Championship 1963
President Kennedy's visit to Europe
Winner Olympic Games 1964
U.K. General Election 1964
Slumberland colour demonstration from
London to audiences in Birmingham
and Glasgow
Funeral of Sir Winston Churchill
London-Washington two-way television
link via 'Early Bird'
Norwegian Elections 1963

Early Bird (Rediffusion Mark V) camera used by both the BBC and the NBC on the historic occasion of the two-way transatlantic television transmission via Early Bird satellite.

For further information write or telephone:

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Chesham, Essex, England
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Telegrams: Rapaso Chesham Telex
An 'English Electric' Company

SP172

Large Screen Projection On the night of the 94 U.K. General Election the crowds in Trafalgar Square were able to follow televised results and commentary on a Marconi large screen.

