

for **MINIMUM
CONSUMPTION..
- MAXIMUM LIFE**

fit L610—
the 6-volt
general
purpose
valve

EXCEPTIONALLY long
living and extremely
economical in operation.

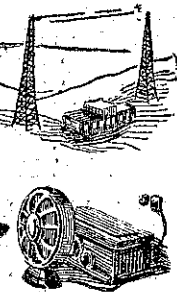
L610 is the one outstanding general purpose valve for 6-volt battery-operated sets. As a detector in leaky grid circuits—as an A.F. amplifier in transformer-coupled stages—in every socket except the last of a neutrodyne—L610 provides you with that additional “punch” and sparkling performance which distinguishes British-built Osram valves. The filament is very long, very thick, and tenaciously coated. It makes possible a high degree of electron emission at low temperatures and explains the extraordinary efficiency and robustness of Osram valves.

If your dealer cannot supply it, or any other Osram Valve, it will be sent to you direct, safe delivery guaranteed. Write also for the Osram Valve Guide, a handy catalogue of the complete Osram range with a useful index of the principal broadcasting stations.

**Osram
Valves**

Made in England

**Radio
Round the
World**



A POWER of at least 110 k.w. will be used for Budapest's new broadcasting station. It is proposed to provide for any remaining “dead” areas by the use of 19 k.w. relay stations.

PORTUGAL, having no broadcasting stations to maintain, has generously decreed that its people may listen-in—to other countries—free of tax, provided their aerials do not cross roads and other public property.

A SPECIAL license to establish a 100-watt shortwave station has been granted to a prominent motion picture company in Hollywood. It is to be used for directing aeroplanes featuring in an aviation picture now in the course of production.

THE Paris central fire station is now in possession of a transmitting set which enables it to advise all fire stations in the neighbourhood of any dangerous fire, as well as the Prefecture of Police, in order that a force of police may be sent to the spot.

AS an example of the growing tendency toward an alliance of gramophone and radio interests, it is significant that the German Radio Exhibition, which takes place from August 22 to 31, will this year for the first time be held in connection with the Talking Machine and Record Exhibition.

AS a result of an official inquiry it has been established that there are 2228 schools in France provided with wireless sets, without counting private sets owned by the masters, which are often used for the benefit of the pupils. It is universally admitted that useful additional instruction can be given in an interesting manner by this means.

THIS year's National Radio Exhibition at London will commence on September 19. The introduction of demonstration rooms, which was the most successful innovation of last year's show, will be repeated. Demonstrations will also be permitted on the stands, with loudspeakers connected to a common output.

TO prevent digging up the streets over a considerable area, a frame radio aerial and an instrument resembling a portable wireless set are being used in London to locate underground water mains. When the aerial is directly above the pipe the instrument transmits a buzz which is heard by the operator through earphones.

NEW ZEALAND listeners whose entertainment is marred by electrical interference will be interested to learn that a device for locating the source of such disturbances has been per-

fectured by two American engineers. The instrument has the appearance of an ordinary portable receiver, and includes an oscillograph which records the wave-form of the intruding signal. The inventors hope to supply an interference detector to every municipal authority in the United States.

TROUBLE has arisen in America concerning the inclusion of a statement in the census forms: “Have you a radio?” If radio sets are included, remark those protesting, why not pianos, vacuum-cleaners, washing-machines, and a number of other domestic appliances whose manufacturers would welcome statistics? It is understood that radio was piloted through the census mesh by influence not unconnected with the Radio Manufacturers' Association.

A SPECIAL de luxe trans-Continental train with every compartment, drawing-room and club car equipped with radio loudspeakers left New York recently with a contingent of executives of the electrical industry on their way to a convention in San Francisco. To ensure continuous entertainment during the trip a special receiving equipment and an extensive switchboard was installed and operated by an expert engineer. In addition to the radio apparatus an electric gramophone and complete supply of records was placed on the train.

RECENTLY an attempt was made to persuade the British Broadcasting Company to include talks on spiritualism in their programmes. Despite a definite refusal to accede to such a request, those interested are making a further endeavour, this time in connection with spiritual healing through organised prayer. It is alleged that a committee of distinguished physicians and surgeons “on the other side” has been active for some time past, and has decided on a plan of campaign for a general foning up of the health of humanity through stimulating prayer by wireless!

THE largest studio of the Budapest broadcasting station is reputed to be one of the most perfect in the world. The walls are of marble, with draperies which may be adjusted to suit any item of a programme with precision. The conductor's box has a triple glass front, making it absolutely soundproof. Thus he can conduct and watch his full orchestra, but can hear their performance only as a listener does—by means of a loud-speaker or headphones. The producer has a little office adjoining the conductor's box, and controls a signal-board in the studio which makes verbal instructions for the most part unnecessary.

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