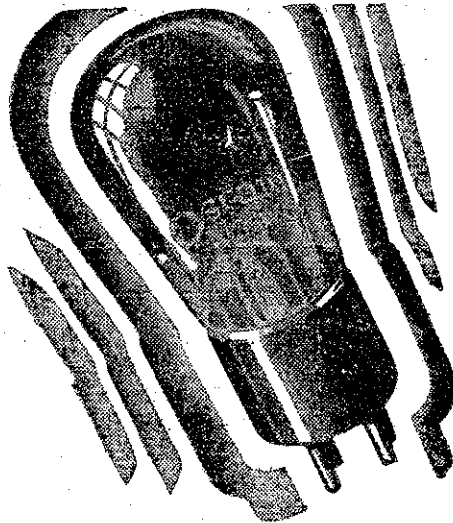




The world's economy all-purpose valve

SPECIFICATIONS:

Fil. Volts . . . 4.0 max.
Fil. Current . . . 0.1 amp.
Plate Volts . . . 150 max.
Amp. Factor . . . 15
Impedance . . . 8,500 ohms
Normal Slope, 1.77 ma/volts
Equiva. . . A409, A415



L 410

In every way L410 costs you less. It is lower in price. It consumes only one-tenth of an ampere and makes your "B" Battery last longer. The filament is coated in a special manner, thus prolonging its life to an appreciable extent. You can use L410 in any 4-volt battery-operated set for Radio frequency amplification, as a detector, or in the first audio stage. Your dealer can advise you which Osram Valve you need—he knows all the equivalents. If he should not have in stock the Osram Valve you need, it will be sent direct, safe delivery guaranteed. The "Osram Valve Guide"—a useful little book detailing all Osram Valves—is free for the asking.

Osram Valves

Made in England

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THE broadcasting station at Moscow transmits propaganda lectures in German twice weekly, stressing the advantages of the Soviet system of Government.

A COMMITTEE has been formed at Bindhoven, Holland, to consider the proposal of the erection of a monument in that city to commemorate the invention of wireless telephony.

A LOS ANGELES housewife has attached a pair of headphones to a cable so long that she can move anywhere in her bungalow without missing a minute of the local station's programme.

THE experiment of broadcasting offers of employment from the Tokio station is proving eminently satisfactory. Since September last this Japanese station has regularly broadcast information regarding the labour market, with details of situations vacant.

A PUNISHMENT which appears to be out of all proportion to the crime has been imposed on an Englishman residing at Leavenworth, Kansas. For operating an unlicensed wireless transmitter he has been sentenced to one year's imprisonment, to be followed by deportation as an "undesirable alien."

RADIO is rapidly assuming an increasing importance as a safety factor in German aviation. All multi-engined aeroplanes, and even a large number of single-engined planes, carry a small transmitting and receiving plant. There are now fifty-six German stations exclusively used for aviation purposes, while in 1926 there were only eight.

HERR SLISKOVIC, an Austrian scientist, recently demonstrated before a public audience, consisting largely of wireless experts, a new system of television developed by himself. It is reported that his apparatus reveals several distinct advantages over the Baird television system at present operating in England.

A PROMINENT English sportsman has recently purchased a three-engined Supermarine metal monoplane flying-boat, which has a cruising speed of 100 m.p.h., and can carry a crew of three and six passengers. The wireless installation consists of a half-kilowatt transmitter, with a range of 400 miles, for telegraphy and telephony;

a direction-finder and two receivers, one for "broadcast." There are two aerials, one a trailer, for use in flight, the other being fixed between the wings. The complete installation corresponds in power and range to the normal installation on a ship of 5000 tons.

IN an address before four thousand delegates at the National Music Supervisors' Conference at Chicago recently, Walter Damrosch, dean of American orchestra conductors, stressed the value of radio in extending appreciation of music. It will soon be possible, he said, for 27,000,000 school children throughout America to listen to symphony orchestras.

IT is now possible for the great majority of telephone subscribers in Australia to speak to 4,000,000 telephone subscribers in Great Britain, and to the majority of subscribers in 14 European countries. The next extension in radio telephony will be between Australia and New Zealand. When this is completed the Australian stations will possibly be used to give telephonic connection between New Zealand and Great Britain.

A STRIKING contrast of the old and the new was afforded at the thirteenth International Eucharistic Congress held recently at Carthage. In the very ruins of the amphitheatre of Carthage, where so many Christians suffered martyrdom, were located a number of microphones to pick up and broadcast the delegates' speeches.

THE huge German motor liners Bremen and Europa, which are on the trans-Atlantic run, have the most extensive wireless systems of any merchant vessel afloat. Their wireless equipment permits permanent use of three lines of duplex, which means that messages can be sent as well as received on all three simultaneously. The transmitters do not affect the receivers, although they are installed directly alongside them in the same rooms, and the aerials are fastened to the same masts. Six radio operators are required to work the equipment.

WIRELESS broadcasting is certainly not so successful and so popular in France as it is in other countries in the world. To begin with, ranked by power of stations, France is about the thirtieth on the list. Again, Britain's total wireless power is more than twenty times greater than that of France, while the radio exports from the former country is nine times that of the latter.