

The whole gamut of sound covered by the marvellous flexibility of The New Osram Power Valves

THE deepest bass of the great organ—the shrill treble of the piccolo—the whole wide range of musical sounds that can be produced by a great orchestra, are faithfully reproduced with extraordinary tonal purity by the new Osram Valves.

No slurring, no "blasting"... but perfect reproduction under all conditions, are assured by the use of Osram British-made Valves.

If you cannot obtain locally the Osram Valve you need, it will be sent direct, safe delivery guaranteed.

Ask for a copy of "The Osram Valve Guide"—a very useful booklet—free on request.

Osram Valves

Made in England

Advertisement of the British General Electric Co. Ltd.
Branch Office and Public Showrooms: 31-37 Taranaki Street, Wellington



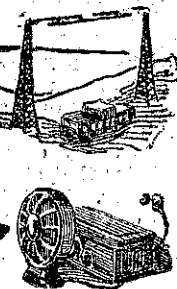
Osram P625A is a super-power amplifying valve. Used in the last stage of your set, it will produce the fullest volume without distortion... with a quality of tone which will satisfy you. Especially suitable for use in Gramophone Amplifiers.

SPECIFICATIONS:
Fil. Volts . 6.0 max.
Fil. Current 0.25 amp.
Plate Volts 150 max.
Amp. Factor ... 2.7
Impedance 1,600 ohms
Normal Slope
2.5 ma/volts
Max. Plate Cur. 25 m.a.
Equiv. UX171A, C303

Other Osram Super-Power Valves that will give equal satisfaction are P425 and P525.

VT2N

Radio Round the World



AN unoccupied motor-car, steered by radio from another car, recently made a successful tour of the principal streets of Barcelona. Surely a little unfair from the pedestrian's point of view. The same distance to jump, and no one to swear at!

A SYSTEM has been devised by the Entomological Office of the American Department of Commerce whereby the exit from the hive of each worker bee is recorded by means of a microphone, amplifier, and registering needle which duly imprints its mark on a sheet of paper. The bee-master may thus estimate the number of active workers in each hive. The number of stings will probably still be registered by the neighbours.

TELEPHONIC communication between an aeroplane flying above Buenos Aires and the White Star liner Majestic while nearing the English coast was successfully accomplished a few weeks ago. The plane's transmission was picked up in Buenos Aires, relayed on short-wave to Madrid, thence by landline to France, followed by cable to Rugby, where radio was again employed for establishing communication with the Majestic.

SOME months ago the wireless department of the Paris police overheard a conversation between a secret station in the North of France and a similar station in Paris. A request was made by the former that a certain message be conveyed to an American lady residing in the capital city. An investigation resulted in the discovery of three illicit transmitters, and proceedings were taken against the owners, not only for operating unlicensed transmitters but for the conveyance of messages for which the State holds the monopoly.

HEART disease was correctly diagnosed by a doctor in America, after a "radio" examination of the heart of a patient in Madrid. A microphone was placed on the sufferer's chest, and his heart-beats transmitted across the Atlantic to the listening doctor. Apropos of this, an English contemporary humorously asked: "Will the year 2000 see us, Robot-like, courting our sweet-hearts by means of graphs, records of pulse acceleration, and radio photographs of our heart action?"

The Chinese Government has made a contract with one of Germany's leading radio manufacturing firms for the erection at Nanking of one of the most powerful broadcasting stations in the world. It is expected to serve the whole area of the Chinese Republic. A group of prominent Chinese engineers has also been sent to Germany to inspect the stations of that country.

OCCASIONALLY instances occur of the reception of radio programmes by means of household utensils, kitchen stoves, and such like, but surely the most inexplicable occurrence is that recently quoted by an English contemporary. "Canon Peile, in a letter referring to the church at Bonavista, Newfoundland, remarks: 'The new church has a copper roof, and in wet weather this roof, somehow or other, catches the wireless waves from Canada and America. Standing inside, one can hear a confused mass of wireless programmes coming across the air.' It would certainly be a rather difficult business to concentrate on a sermon while a jazz vocalist was informing the congregation that she was 'painting the clouds with sunshine.'"

"PIRACY" appears to be rife in Belgium, for though it is known that a quarter of a million sets are in use, only 10,000 licenses are in force. Drastic measures have recently been taken to cope with the situation. Failure to pay the license fee, which is only seven shillings per annum, is now punishable by a maximum penalty of 2000 francs and eight days in gaol.

A "BATTLE of the ether" appears imminent between the high-power station in Moscow and those in neighbouring countries who do not altogether appreciate the propaganda transmitted by Soviet Russia. It appears that Germany has formally protested against the messages broadcast on May Day from Moscow to the "Policemen and Soldiers of Germany," and Rumania has established a station which "jams" the Moscow station whenever it commences talking in Rumanian. A further development is a report that Russia is planning a super-power station, for the purpose of drowning the religious broadcasts from Berlin with the "Godless hour" from Moscow and preventing German settlers receiving Christian comfort from their fatherland. An English contemporary prophesies rather cynically that when international disarmament is accomplished war will still be waged in the form of "slanging" matches through the medium of higher and higher-powered stations.

WIRELESS plays a conspicuous part both as an aid and a hindrance in the detection of rum-runners, in the United States. On the one hand, we read of secret transmitters discovered by prohibition agents, and on the other of a sham SOS stating that the yacht in which the Mayor of New York was sailing was in peril. Every coastguard patrol cruiser steamed full speed ahead to the rescue—and for two golden hours the rum-runners proceeded gaily about their precarious occupation without interruption.