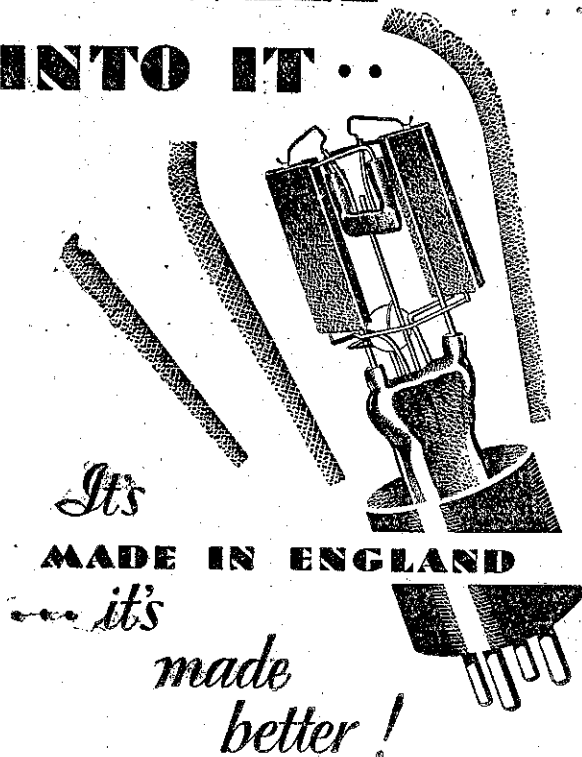


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INTO IT ..**



ASK to be shown one of the new Osram 2.5 series Rectifying Valves—MX 280. Give it the closest scrutiny—in comparison with any similar valve, if you wish. You'll find it has a ribbon filament to give it robustness and long life. And you'll appreciate the fine construction, the neat clean finish—all of which are vitally important to valve performance.

The complete range of Osram Valves including the following 2.5 Volt Series is available at your radio dealers—MY 224, MY 227, MX 245, MX 280.

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MX 280 is a full-wave Rectifying Valve specially designed to withstand overloading and fluctuations in line voltage.

Advertisement of the
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Radio Round the World

BECAUSE so many professional musicians are out of work, the Danish broadcasting authorities are reported to have banned the use of gramophone records for broadcasting.

investment on the part of a few newspaper groups," adds Mr. Stockbridge, "to acquire enough key stations to give the Press almost complete control of the situation."

RUNNING water, two armchairs, two small beds, and a radio transmitter and receiver" are reported to form the main equipment of a new telephotographic car which has been put in service by the French Government for providing the Press with a quick photo service dealing with current events.

A "CRYPTOGRAPHIC" picture transmitter has been evolved by the French inventor, M. Edouard Belin, who claims that he is now able to send messages, drawings, and photographs in a manner which makes them unintelligible except to a listener aware of the "key." The cylinders of the transmitter and receiver are rotated at varying speeds.

IN Britain there is no middle course between the high road of legalised listening and the low road of piracy, but in Italy it is now possible to test a new set without a license for a period of ten days. And to prevent abuse of the arrangement the Italian Government decrees that all retailers issuing receivers under this rule must keep a careful check on the dates of issue and return, as customers may suffer from short memories!

DENMARK still heads the list among European countries in the number of broadcast listeners per thousand population, the number being 119.5. Sweden comes next, according to the International Broadcasting Union, with 78.99. Britain still holds third place with 77.5 per thousand population, and is followed by Austria with 63.34 and Germany with 56.23. Hungary and Norway come close, and then comes Finland, which has stepped down a place in favour of Norway.

THE newspapers of the United States, either individually or co-operatively, must ultimately control broadcasting in all its phases," writes Mr. F. T. Stockbridge, editor of the "American Press." Conflict between newspapers and the wireless have arisen on six points: News broadcasting, which trespasses on the newspaper's chief function; demands on the papers for free publication of radio programmes as news; diversion of advertising revenue from newspapers to radio; the privilege, forbidden the newspapers, of broadcasting lottery advertising; the use of radio for questionable advertising which respectable papers refuse; and the imminent possibility of television advertising displays, reducing newspaper display advertising. "It would require a very small

A DEVICE by means of which everything said by both parties concerned in a telephone conversation is recorded on a magnetic steel wire in such a manner that it can be reproduced at any subsequent time is the latest advance in communications technique announced by the International Telephone and Telegraph Corporation. The record so obtained can be preserved as long as may be required, but it is also possible to obliterate the message so that the wire can be used over and over again. One of the important applications of the conversation recorder is in connection with long-distance cable and radio telephone calls.

Matto Grosso Expedition

Inexplicable Silence of Transmitter

A FIRST-CLASS mystery has developed on the American amateur transmitting channels regarding the whereabouts of the operator of station KUKU. This is the call-sign of Mr. J. W. Newell, the radio amateur who accompanied the expedition to the Matto Grosso jungle region of Brazil. Since February last KUKU has been transmitting glamorous accounts of the adventures of the expedition, which is collecting natural history data for the University of Pennsylvania, and many of these vivid stories have been relayed by KDKA for the benefit of American listeners at large.

The series came to an abrupt end early in April with this message from Newell, addressed to the American Radio Relay League:—"To date we have two live jaguars, one anaconda, one ant-eater, two monkeys, two rats, and mosquito birds. It is just possible I may be compelled to leave here . . . as I have been feeling pretty low. The doctor advises it. Anyway, don't ever come to Matto Grosso!"

Nothing has been heard from KUKU since.

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