

THREE WIRELESS SETS A MINUTE

Three wireless sets a minute are yielded by inventor John Sargrove's revolutionary process. Engraved on a plastic base is a ready-moulded two-valve circuit.

In production now it is a simple set, but a high-class eight-valve affair is being developed, to be made in the same very ingenious way. An electronic controller, the brain, regulates the automatic stages of manufacture, making possible the amazing output. It took the inventor eleven years to perfect it. The complete set-up enables fifty people to do the work of two thousand. Zinc wire is fed into an atomizer, and when the panel arrives in position the zinc cloud is sprayed over it.

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Next the zinc has to be removed from all parts of the panel except the grooved circuit. The surface zinc is planed off by passing the panel across rotary diamond drills. The result is a circuit without wire, with no soldered connections, and therefore far stronger than the best made orthodox type. It remains to plug the valves etc. into the sockets, fit the loudspeaker and the cabinet. The entire output will be exported, much of it to India and China, which can probably absorb millions of very cheap sets. A triumph of genius applied to manufacture.