



Met dank aan John Koster

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THE BROWN CRYSTAL AMPLIFIER.

We have recently had a "Brown" Crystal Amplifier under observation, and at the conclusion of a series of tests carried out in varying localities, we are able to form a definite opinion as to its capabilities.

It is contained in a polished case provided with a lid, and on to which are mounted six terminals. To two of these must be connected a small 4½-volt dry battery—the only source of local power required. The other four include two terminals for the loud speaker and two for connecting up to a crystal set by its telephone terminals.

Beneath the lid are two levers for adjusting the instrument. These levers are not finicking little things, but each moves over a distance of two or three inches, and neither is at all a critical control. Even so, very precise instructions are provided, showing exactly how these levers should be handled to get best results, instructions that anyone who can read could understand.

Now, whenever crystal signals are comfortably strong in telephone receivers, this Brown amplifier will bring them up to good loud-speaker strength. Good in both volume and purity too. We have never heard such pure, mellow, microphonic amplification before as that given by this instrument. And volume is excellent, notwithstanding the fact that only the one tiny battery is used.

In view of the fact that such results are obtainable, it is surprising that Messrs. Brown have managed to keep their new amplifier within such practical bounds of stability and robustness; indeed, it is rather wonderful and once again testifies to the supremacy of the S.G.B. people in this particular branch of radio. In our opinion, the Brown Crystal Amplifier is far and away above everything else of the kind, and, moreover, it is a precision instrument fitted with "man-in-the-street" controls. Eliminating, as it does, both valves and accumulators, at £4 4s., it is a proposition that requires serious consideration.