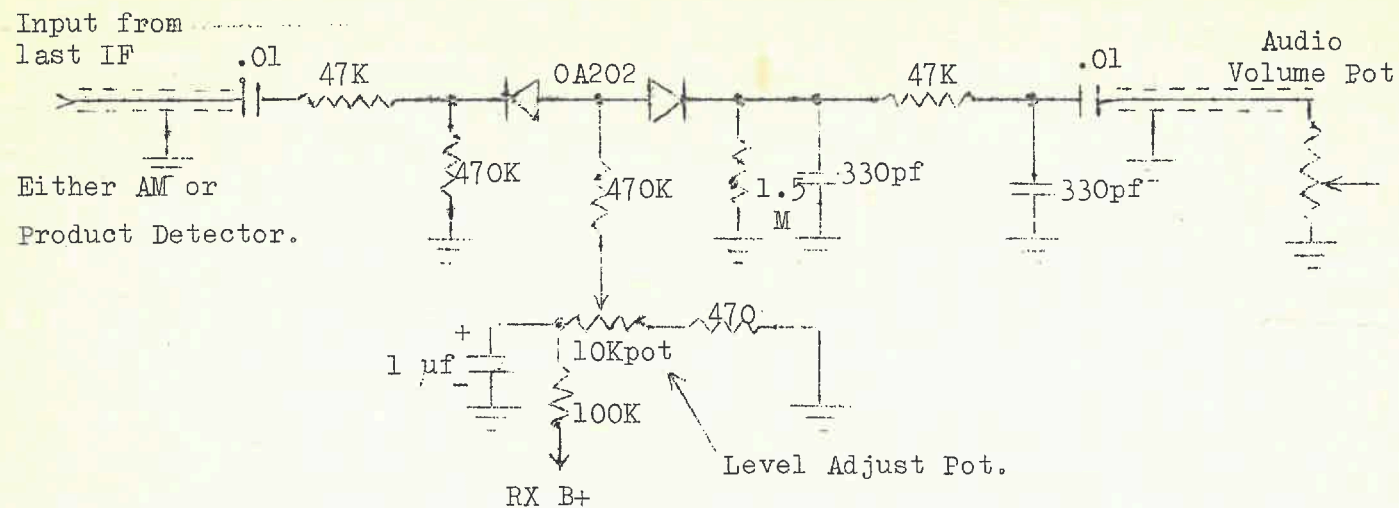


AN ADD-ON NOISE LIMITER by Lee Cordell and Greg Johnston.



0A91 or similar may be used but not recommended. Silicon Preferred.

With the unfortunate wealth of hefty lumps of noise bothering quite a few, as is obvious from the frequency with which complaints are heard on the Sunday call-back, the circuit and comments following could prove of interest to quite a few.

As can be seen, the limiter can be made up on a sub-chassis and provided you can find room on the front panel for the single control, all you need to do is insert the unit immediately in front of the grid of the first audio stage of your receiver and leave it in circuit.

The "clipping" level of the device is continuously adjustable from zero to "very appreciable" with the circuit values and potentiometer shown.

As anyone who has ever tried to beat the noise with an audio noise limiter in one of its many forms knows, the results vary from "N.B.G." through "just effective" with the best being "not bad". With this particular circuit the performance comes into the "not bad" category where by far the greater proportion of the really objectionable hash is muted down to an acceptable level and is the best yet as far as either

THE MONTHLY BULLETIN OF THE WIRELESS INSTITUTE OF AUSTRALIA

NOVEMBER 1966

TASMANIAN DIVISION

VHF SUPPLEMENT.

PYE VHF MOBILE UNITS.

It has been brought to the attention of the VHF group by Rick, VK7ZAT, that the modifications given in AR for both crystal and tuneable receiver will not work when the unit has 13mcs xtal in the RX Osc. However, by adding another triode stage as a tunable oscillator, it will work and very well too.

At the last meeting of the Group, a fox hunt was held. As there was quite a bit of business to attend to, the start was delayed somewhat, much to the agitation of Winston, 7WH, who wished pick up his XYL. No wonder he wanted to take part. I think he must have known something no-one else did, because he turned round and won it!!!

We hope that in the near future there will be 6 new call signs in the Hobart area, subsequent to the October CW exam. At this stage I will not mention any names to save embarresment if the results turn out to be not all we could wish for. However I am confident that you all made it fellas.

ZL VHF FIELD DAY.

This event will take place on 10th and 11th of December and as in past years, the Kiwis will be climbing hills and mountains looking for DX, so keep yours ears in the speaker and the beams East over that weekend.

On the 7th December the Ross Hull Memorial VHF contest begins and this year logs will be entered for the best 7 days. The Rules should be appearing in AR any-time now. All the best to you all. Lets see what the Tassie boys can do this year.

NORTH AND NORTH WEST ZONE NOTES. Thanks to Sandy, VK7ZFL and Tony, VK7ZXT.

Tony, 7ZXT and Frank, 7ZFM are both active in Smithton using Pye Reporters on the VK3 Net frequ. of 53.032 Mcs but anticipate changing to .035 in the future.

The pair are using $\frac{1}{4}$ wave whips on their cars at the moment, but are making investigations into the construction of small collapsible beams for portable and DX use. Tony and Frank are looking out for contacts along the coast and would like