



FIG. 5. Simple crystal receiver for DF hunts

### In for the kill

You will need to construct the following:

1. A variable attenuator (Fig. 4) for use under loud but not rock-crushing conditions and
2. A simple amplified 'crystal set' (Figs. 5 & 6).

The variable attenuator is essential in any case if a set without an S meter is used (ICW2, FT208R etc) as

it allows the signal to be reduced until background noise becomes apparent and hence a meaningful bearing obtained.

The amplified 'crystal-set' is surprisingly sensitive and rarely will its full potential be required. There is no way that narrow band FM can be easily demodulated in such a simple receiver so you will still need your hand portable around your neck. A

word of warning; as you get close in to the target keep the volume down or the hidden station may hear you and keep his voice down.

### And finally

As the hidden stations will naturally not be giving their locations, check with your local HO/BT interference people. They may like you to drop the hidden locations (in a sealed envelope) into them just in case there is an interference problem.

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