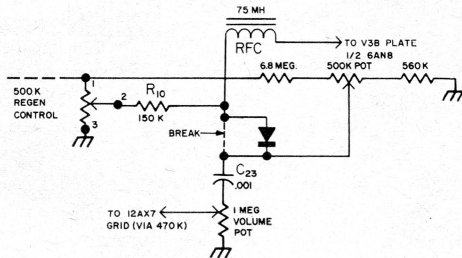


Squelch for the Sixer

One of the things missing on the Heath Sixer is a squelch. The Sixer regen really kicks up a fuss when there is no signal on the band. To make contacts in a location where there is little six-meter activity you should monitor the band continuously, but the regen hiss of the Sixer is hard to stand for very long.

Here is a "squelch" for a sixer. It is not a true audio squelch but it is device to kill the regen when there is no signal. This means that strong impulse noises do come through but the regen hiss is not present when there is no signal being received. This device is not as good as a audio squelch but it is a great improvement on the basic Sixer.

The diagram shown is for a HW-29A. The



squelch should be adaptable to the older Sixer, but the resistors may have to be changed.

The only new parts needed are a 500K linear pot, a 6.9 meg resistor, a 560K resistor, and a 1N537 or 1N67 diode.

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