

LETTER FROM A FRIEND

IN THE THREE YEARS WE HAVE BEEN PUBLISHING SECRET CB, WE HAVE RECEIVED A LOT OF LETTERS FROM READERS, SOME THROWING ROTTEN TOMATOES, AND OTHERS SENDING US A LOT OF PRAISE FOR THE WORK WE HAVE BEEN DOING. ONE OF THE LATTER WE WOULD LIKE TO SHARE WITH YOU.

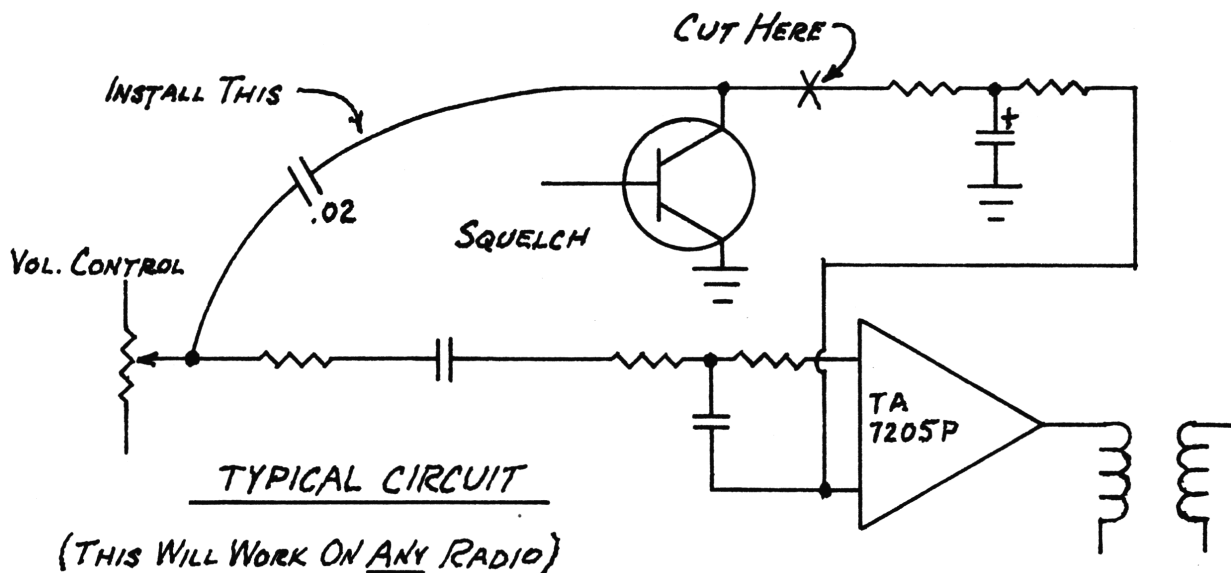
Dear Rod -

Congratulations on the success of Secret CB. I've been fooling around with CB since 1967 (off & on) but it wasn't until a couple of years ago that I got my second-class ticket. I did some tech work at a local CB shop, but got tired of splitting my repair work money (which was 90% of the store's income) with the owner, so I quit. Since then, a friend and I have established our own modification/repair business and most of the time we've been covered up with work. Both of us have worked for a local electronics manufacturer as electronic technician/defect analysts for the past 6+ years, and this has given our shop a reputation of good clean workmanship.

Your books are absolutely tremendous. An absolute necessity to a business like ours. Very few mistakes too! Excellent! I can only tell you of the good feelings I got, seeing my suggestions appear in print.

My partner and friend, John Collins, and I love to experiment and try new things. Right now we're working on an "echo chamber" using the SAD-1024 analog delay I.C. Our design will eliminate the "barrel effect" of spring reverbs, and will give a true echo, fully adjustable. Properly adjusted, an echo added to the audio signal can provide up to a +3 DB increase in audio intelligibility and perceived loudness at the receive end. This is because the listener, in effect, hears everything twice.

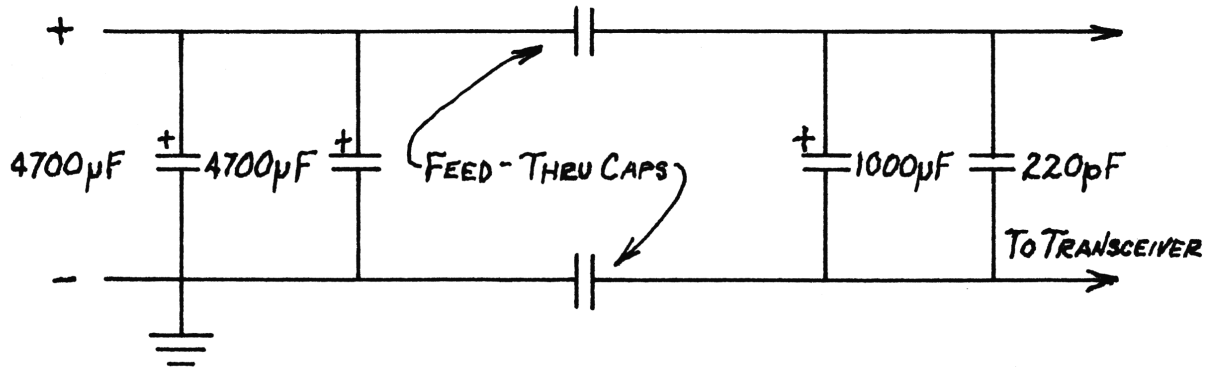
We've also developed a modification that changes the squelch circuit into an active-tracking noise filter. The modification is quite simple, but the results are outstanding. Give it a listen.



LETTER FROM A FRIEND (Cont'd):

Also, how about FM? Wouldn't a mode selector that read, "AM-LSB-FM" look really neat. Well, without giving away any of our "secrets", wouldn't it be nice if an audio signal could somehow be converted into a frequency-modulated voltage and injected at the clarifier input on a SSB rig. Presto, instant FM on 26-28 MHz. (It works too - legal, I think).

You might also want to try this expanded version of the modulation booster:



This works really good with linears. 220pf helps eliminate "squealing" from RF feedback. Be sure to ground case on feed-thru caps. (Also great for hi-power car stereo boosters.)

As always, feel free to use any of the above info. Keep up the good work and watch out for the Federales. In my mind your books are filling a great need in the CB community. Continued good luck, and good DXin' to yah.

Jim Schleitwiler
Universal Mobile