For the SERIOUS CW/SSB OPERATOR...

500 Hz crystal filter now included

for extra fine cw reception – it's not an option

While operating cw, you may receive with either the 2.1 kHz or the 500 Hz crystal filter—

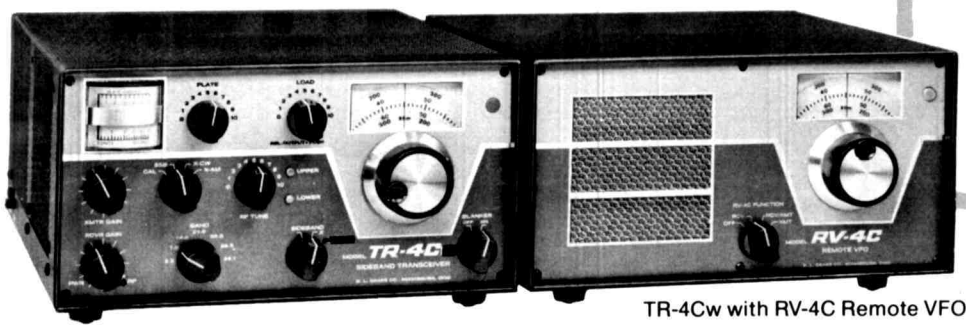
they are front panel selectable!

Full rated at 250 watts cw input

Ideal for the upgraded Novice/Technician class licenses

the TR-4Cw is a great pile-up puncher for DX chasing and contesting—

it runs more power output than most transceivers run input!



TR-4Cw with RV-4C Remote VFO

the New Drake TR-4Cw

sideband/cw transceiver

The serious DX chaser, contester, and traffic handler knows the value of power when the going gets rough in heavy QRM. He also knows the value of sharp receiving selectivity to pull the other guy through the roar.

The NEW Drake TR-4Cw is a great combination of transmit power and receive selectivity. It runs 300 watts PEP input on ssb, and 260 watts input on cw. It is very conservatively rated at these power levels.

When transmitting cw, you're not "locked" into the cw receiving filter as in some rigs. You have your choice of either filter—they're front panel selectable. The cw filter is standard—not an option.

Drake TR-4Cw, Ssb/Cw Transceiver	**$649.00**
Drake AC-4, Ac Supply	**120.00**
Drake DC-4, Dc Supply	**135.00**
Drake RV-4C, Remote VFO	**120.00**
Drake 34PNB, Noise Blanker	**100.00**



To receive a FREE Drake Full Line Catalog, please send name and date of this publication to

R. L. DRAKE COMPANY

DRAKE®

540 Richard St., Miamisburg, Ohio 45342
Phone: (513) 866-2421 • Telex: 288-017

Western Sales and Service Center, 2020 Western Street, Las Vegas, Nevada 89102 • 702/382-9470

thoughts to consider about the
New Drake TR-4Cw



Of the many questions and comments we receive, we feel the following are very significant. Please spend a moment, and consider these points with us:

The TR-4Cw still uses tubes.

True. While using a combination of transistors and tubes, the TR-4 system makes greater use of tubes. Tubes are easy to change, and with the use of a spares kit, they can be readily replaced from the jungles of the Amazon to the arctic tundra—anytime, anyplace.

Also, the TR-4 system uses a *triple* tube power amplifier. It runs more power *output* than most transceivers run *input.* Serious DX-ers and contesters know the value of power when the going gets rough in heavy QRM. The system is also ideal to drive the various grounded grid linears that require higher drive levels.

The TR-4 system has been around a long time— what does it offer me today?

True again. The system has been around, and improved, over a 13 year period. It is one of the most "bug-free" systems we know.

Interestingly, the TR-4Cw offers some features still not found on most "new" rigs today. For example, frequency tuning in the TR-4 system is accomplished by the use of a precision permeability tuned oscillator (PTO). This makes use of a slug traveling through a coil instead of the older variable capacitor technique. The PTO gives us extra good frequency stability and dial linearity. Speaking of something old, the variable capacitor technique dates back over 50 years!

The cw filter in the TR-4Cw can be independently switched from the front panel. You're not "locked" in to the cw filter when in cw mode as in most transceivers. Many operators prefer to tune randomly with the wider filter. You can do it with the TR-4Cw.

The optional 34PNB noise blanker works so well, you'll have to try it to believe it! It's a miniature 17 transistor receiver with full noise gating functions. Try it in a side by side test at your dealer's.



And what about service on the TR-4Cw?

We service what we sell, and parts are always available. After nearly 20 years, we are still able to service Drake 1-A receivers, so we know there are many in use today. We've been around since 1943, and we fully intend to serve radio amateurs for the long haul. Does the other company you may be considering have the same intentions?

We do—and we have the track record to prove it!

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More Details? CHECK–OFF Page 118