

## 2-NT VFO OPERATION - INFORMATION SHEET

The R.L. Drake Company does not have a VFO in production, currently, but we have tried several of the commercially available units and found that some are quite suitable for use with the 2-NT. These include:

HEATH	HG-10B
HALLICRAFTERS	HA-5

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The following is a list of drive requirements for full output from the 2-NT, offered as aid for possible home-construction projects:

80 meters	1 Volt RMS @3.5 MHz
40 meters	1 Volt RMS @7.0 MHz
20 meters	4 Volts RMS@7.0 MHz
15 meters	12 Volts RMS@7.0 MHz
10 meters	4 Volts RMS@7.0 MHz

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The 2-NT Transmitter is equipped with a connector that can be used to key and turn-off VFO's that use cathode keying.

The output of the VFO is fed into either xtal socket. The ground side of the VFO is connected to the left pin of the XTAL socket, viewed from the front. The "hot" side is connected to the right pin. The key line from the VFO is connected to the phono socket located on the left rear of the 2-NT chassis.

When the 2-NT is keyed, relay K1 closes. A ground is applied to the VFO key connector, grounding the cathodes of the VFO. With the key up, this ground is removed from the VFO KEY connector opening the cathodes of the VFO, thus turning the VFO off.