

Information Bulletin

Using D-RATS with the Kenwood TH-D7A internal TNC.

You can use D-RATS with an analog radio and TNC, and the Kenwood TH-D7A is a plug and play model easily configured for D-RATS.

-- Connecting the TH-D7A to the Computer

Using a PG-4W serial cable, connect one end of the cable to the serial port on the side of the Kenwood TH-D7A, and the other end to a serial port or USB/Serial adapter on your computer. You're finished.

-- Configuring the TH-D7A Internal TNC

Set up the Kenwood TH-D7A for doing Packet Radio by using a Packet Radio terminal program or other software for running Packet Radio that can do AX.25 commands, enter the KISS ON command. Next, turn the TH-D7A off, and then on again and this will put the internal TNC into KISS mode. Exit your Packet Radio terminal program.

-- Configuring D-RATS for the Kenwood TH-D7A

Start D-RATS and in PREFERENCES > RADIO click on the ADD button to add a new port for the TH-D7A. In the ADD A PORT window the Port Name can be any name you desire, the PORT TYPE must be TNC, the PORT NUMBER is the COM port number on the computer where the TH-D7A is connected, and the baud rate is 9600. Click ADD again to add the new port to D-RATS CONFIG and make sure you enable the new port. Click SAVE.

--Operation

Click on the arrow to the left of the typing line to select the port you created for the TNC connection and begin chatting.