

## Ultra-light HF Station

7/9/2001 KA2BEO



Rob L. Dey, KA2BEO, is the proud owner of this tiny HF station. The rig pictured here is a Tixie 40m CW QRP transceiver. It has a built-in keyer and internal 9-volt battery. With the addition of earphones, a home-brew touch-sensitive Iambic keyer paddle (inside the mini phone plug), and a 30-inch tall prototype whip for 40-meters this micro-sized station is a blast to use from the office desktop. The first contact with the tiny quarter-watt rig was more than 100 miles away. The new MFJ-561 paddles are perfect for this setup also. The smaller Barbie box holds the paddles and earphones. The Barbie candy boxes were coincidental, but will come in handy when Rob passes this portable Ham shack on to his daughter.

A variety of mini HF antennas are used with this station.

- 2 ft square loop (40m, 30m, and 20m switchable) 15W max. (based on QST 7/93 p.34-35&39 and QST 11/93 p.37-40&84 and QST 11/94 p.87)
- 3 ft whip (40m) 5W max. Carry size: 6 in (based on QST 7/01 p.32-35)
- 13 ft rotatable dipole (40m) 100W max. Carry size: 1.3 ft (based on RadioShack #270-1408 replacement whips)
- 14 ft rotatable dipole (40m) 600W max. Carry size: 4 ft (based on MFJ #MFJ-1640T mobile whips)