

# Recommended Equipment for New Hams

## I. Minimum Investment – Hand-Held

*(If money's kind of tight right now, or you're not sure how much you'll like this ham radio stuff.)*

- **BaoFeng UV-82 VHF/UHF FM Transceiver Dual Band Radio** about \$29

Suggested accessories:

- **Commountain Speaker-Mic compatible with UV-82 (8541724367)** about \$22
- **Nagoya NA-771 15.6-Inch Whip VHF/UHF Antenna SMA-Female** about \$21

Suggested supplier: [Amazon.com](https://www.amazon.com)

## II. Better Quality – Hand-Held

*(If you don't want to outgrow your equipment too quickly.)*

- **Yaesu FT-60R Dual Band VHF/UHF Amateur Radio Transceiver** about \$155

Suggested accessories:

- **Yaesu SSM-17A Speaker Microphone** about \$40
- **Comet NCG SMA-24 144 / 440 MHz Flexible HT Antenna** about \$22

Suggested supplier: Ham Radio Outlet <https://www.hamradio.com/>

## III. Roof-Mount Base Station Antenna

*(Significant performance improvement at home used with any radio.)*

- **DBJ-1 HAM, <https://edsantennas.weebly.com/>** about \$45
- **Vertical mast** (to mount antenna roof level) price varies
- **SMA-UHF adapter\*** (to connect a hand-held radio) about \$7
- **RG-8X coax cable, 50-ohm\*** (enough to reach your roof) about 60¢/ft
- **(2) PL-259 connectors\*** about \$8 for 2

## IV. Magnetic-Mount Car Antenna

*(Significant performance improvement in your car used with any radio.)*

- **Diamond MR77 Dualband Mobile Antenna** **about \$38**
- **SMA-UHF adapter\*** (to connect a hand-held radio) **about \$7**

## V. Base or Mobile Radios

*(More powerful and easier to use at a desk or in the car)*

- **ICOM IC-2730A** **about \$310**
- **Kenwood TM-V71A** **about \$470**
- **Samlex SEC 1223 Power Supply** (not needed for use in a car) **about \$155**

Suggested supplier: Ham Radio Outlet <https://www.hamradio.com/>

\* Email John, den6qx@gmail.com, who buys these in bulk.