

BAOFENG UV-82 DUAL BAND FM TRANSCEIVER



I recently bought this 2 meter and 70 centimeter HT. It was on sale for \$29.95 US which included the charger and shipping. I also ordered a programming cable and a remote speaker mic. Total cost was about \$51.00 Canadian including exchange. The value of the US and Canadian dollar fluctuates and are just about never the same.

The radio was shipped from Hong Kong and arrived in about 3 weeks by registered mail.

There is a lot of information about this radio on the internet and I won't go into any of its specs. YouTube is a good source of information. The programming cable came with Baofeng programming software. The software came with a number of files but no information on how to set it up. There is another source of programming software called **CHIRP** available free on the internet. I

used this software to configure the radio. It took me several hours to figure out how to configure and use this software but I managed to program the radio. The biggest problem was to get the radio to talk to the computer. It seems most users have the same problem with programming the radio for the first time.

The radio for the price is fairly well built and has good receive audio. It does not have a jack where it could be powered from an external power supply. This is something that I would like as I monitor a local UHF repeater at home most of the time. The radio has good transmit audio if I am not using the external speaker mic. I checked the transmit deviation with and without the speaker mic. Talking into the radio the deviation was about +/- 4.5 KHz. Talking into the speaker mic loudly the deviation was only about +/- 2 KHz. I took the speaker mic apart and talk directly into the mic element with the same results. I don't know if the microphone is at fault or the radio or just normal for this combination. Anyway, the supplied speaker mic is **unusable**.

I haven't had this HT for very long. Other than the speaker mic problem, it seems to work fine. I don't know how they can manufacture and ship this radio for the selling price and actually make money. This radio was ordered out of the US and as mentioned shipped out of Hong Kong. I may have more to add here when I gain more experience with this radio.

November 10, 2014

UPDATE MARCH 14, 2018

There was some talk locally that the Baofeng radios were not all that sensitive so I checked mine.

This was a quick and formal SINAD test on the two bands but with only three measurements. Here are the results.

446.0000 MHz 0.14 μ v for 12 dBs

462.5625 MHz 0.15 μ v for 12 dBs

146.5200 MHz 0.14 μ v for 12 dBs

As can be seen, it's not too bad.

Equipment used was a Motorola R-1020A signal generator and a Motorola R1023A SINAD meter.

To Home Page www.ve6kq.com