

## Baofeng Radio Hardware for your own Radio Go Bag

*“Amateurs talk strategy, Pros talk logistics...”*

### [GrapheneGoat.com](http://GrapheneGoat.com)

#### **Baofeng Radio Model of choice:** [UV-82HP \(High Power\)](#)

The more popular UV-5R is also an excellent radio, however the UV-82 PC board is physically more sturdy, and not really any more expensive, I prefer the UV-82HP's for their ruggedness. Btech is a great supplier, and you may find better prices directly on Amazon or other places

#### **Antennas**

[Nagoya NA-771](#)

Stubby [Nagoya NA-810](#) or similar

[HYS Long Whip Antenna](#)

Vehicle Mount Antenna [Nagoya UT-72](#)

Base Station Antenna [Nagoya GPK-01](#)

[Buy](#) or [build your own Dipole Antenna](#) using wire or coax cables

[Signal Stick](#) makes excellent antennas

#### **Batteries**

[USB-C 1800mAh Li-ion Battery Packs](#)

[BL-8 12V Battery Eliminator](#)

#### **Other Charging Accessories for 12V Inputs**

Standard USB-A to USB-C charging cable

[USB-A to Charging Cradle Cable](#)

[12V Cigarette Adapter](#) to Charging Cradle (any brand)

[Alligator Clamps](#) to Charging Cradle (be careful, recommend you **do NOT go over 12V input**, 10V recommended input to the charging cradle here from the clamps

One solution is to use [this type of Alligator Clamp to Female Cigarette Adapter](#) coupled with [12V to USB adapter](#) and your USB-A charging cable to avoid over voltage.

#### **Programming Cable**

This is a necessary piece of hardware to program your radio, do not buy the cheap off brand ones, buy an actual [Baofeng cable](#) for your radio.

#### **Cloning Cable**

Unsure of what the best brand is, but shouldn't matter too much on this one since it's just raw audio jack to audio jack, very simple cable. You can only clone exact models of radio (example: UV-82HP to UV-82HP but not UV-82HP to a UV-82) Buy something [like this](#)

#### **APRS-K1/K2 Cable**

[This cable](#) provides a data connection between your radio and an Android smartphone using AndFLmsg software (free) to send text, documents and even pictures over the radio

#### **AndFLmsg Software**

Download the AndFLmsg APK file [here](#) to use with Android phone

fldigi is a similar and more full featured version for Desktop computer  
AndFLmsg User's Manual available [here](#)

### Peltors Headset Connector / PTT Adapter from Earmor

[Earmor M51 Adapter](#) (may not work with Peltors brand) I have not found a great PTT combination to use military Peltors with the Baofeng radios  
There are many other Push to Talk (PTT) headsets and earpieces out there, too many to list.  
Generally you get what you pay for (if you're lucky) so rely on reviews from others

### CHIRP Radio Programming Software

[CHIRP](#) works well on Windows, Linux and even macOS to easily program your radios via the cable. CHIRP works with most radios, visit the link to see which ones are supported.

Installation on Linux videos: [here](#)

[CHIRP Next](#) (newer software), learn how to install [here](#)

[Another good video](#) on CHIRP software with Baofeng radios

### Reference Materials

[The Guerrilla's Guide to the Baofeng Radio](#) (paperback)

[RadioReference.com](#)

[eHam.net](#)

[DXZone.com](#)

[ARRL.org](#)

The screenshot shows the product page for the BaoFeng UV-82HP on the BaofengTech website. The page features a navigation bar with categories like HANDHELD, MOBILE, and ACCESSORIES. The main product image shows the radio with its display and keypad. To the right, the product name 'BaoFeng UV-82HP' is displayed with a 5-star rating and 14 customer reviews. The price is listed as \$64.89. Below the price, the product description states: 'BaoFeng UV-82HP High Power Dual Band Radio: 136-174mhz (VHF) 400-520mhz (UHF) Amateur (Ham) Portable Two-Way'. The category is 'Handheld'. There are options for 'CHARGING PLUG ADAPTER' (US (11), EURO (••), UK (.\_)) and 'COLOR' (Black, Blue, Red, Yellow, Camo). At the bottom, there are buttons for 'ADD TO CART' and 'BUY ON Amazon', along with a PayPal logo and a 'venmo' button. The text 'Pay now or pay later' is visible at the bottom right.

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