

## CHIRP - New Model # 2761

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	William Reuscher	<b>Category:</b>	
<b>Created:</b>	07/27/2015	<b>Assignee:</b>	Jim Unroe
<b>Updated:</b>	02/12/2017	<b>Due date:</b>	
<b>Chirp Version:</b>	daily		
<b>Equipment Loan Offered:</b>	No		
<b>Subject:</b>	Baofeng/Pofung UV-6R		
<b>Description</b>	New model by Baofeng, Recently purchased but not currently supported by CHIRP, would like to use CHIRP with this radio if possible.		

### Associated revisions

#### Revision 2747:656564d2682a - 08/16/2016 04:17 pm - Jim Unroe

[UV-6R] Add Baofeng Common Driver

This driver is being added in preparaton for adding Baofeng UV-6R support. It contains common functions that will be used for new Baofeng (and similar) handheld radios.

related to #2761

#### Revision 2748:f240988a5007 - 08/16/2016 04:35 pm - Jim Unroe

[UV-6R] Add Support for Baofeng UV-6R

This driver adds support for the Baofeng UV-6R handheld radio.

related to #2761

#### Revision 2749:9310deb7f479 - 08/17/2016 12:12 pm - Dan Smith

Add test image for Baofeng UV-6R

Related to #2761

#### Revision 2752:f2a967b26e6e - 08/18/2016 06:10 pm - Jim Unroe

[UV-6R] Fix Inverted Power Levels

Somehow I got the order of the power levels swapped. This patch puts them in the proper order.

related to #2761

[UV-6R] Adjust Channel Name Length

Most other Baofeng radios of this type support 7 character channel names. It was reported that the UV-6R only supports 6 character channel names. This patch adjusts the name length to 6 characters.

related to #2761

## History

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### #1 - 07/27/2015 12:02 pm - Rob Ogilvie

This review:

[http://www.amazon.com/review/R1TFK2OG18H5ZG/ref=cm\\_cr\\_dp\\_title?ie=UTF8&#38;ASIN=B00WSBZ11A&#38;channel=detail-glance&#38;nodeID172282&#38;store=electronics](http://www.amazon.com/review/R1TFK2OG18H5ZG/ref=cm_cr_dp_title?ie=UTF8&#38;ASIN=B00WSBZ11A&#38;channel=detail-glance&#38;nodeID172282&#38;store=electronics)

...indicates it is supported by chirp, but I didn't have any success.

This blog entry:

<http://km4epr.weebly.com/blog/baofeng-uv-6r-my-first-ht-handheld-radio>

...also indicates it should work, but I didn't have any success with any of the Baofeng models.

I'm stumped. As a Mac user, I don't see any means to program the radio out of the box. If there is a developer near me (Oregon), I am willing to lend my radio. I'm also willing to assist with creating the interface; I have Linux available and have written more Python than I care to admit to.

### #2 - 07/27/2015 12:35 pm - William Reuscher

I was able to use the UV6R software posted on Miklor's website, but i had to put it on my kids netbook running a 32bit copy of windows. The factory software will not communicate with the radio on 64 bit windows.

I also have linux available, I am going to try it and report back on what I find.

### #3 - 07/27/2015 12:40 pm - Rob Ogilvie

I've seen indications that the UV-6R is picky about the USB cable used, as well. I just ordered the more expensive FTDI cable manufactured by BaoFeng. It should be here tomorrow.

### #4 - 07/27/2015 09:44 pm - William Reuscher

I ordered a cp2102 adapter to see if i can get some better results with it, I am not too keen on having to use super old drivers. I did try using my pl2303 based cable, and home made cable with yet another pl2303 based USB to serial adapter in linux, and no luck

### #5 - 07/30/2015 01:03 pm - David Chatterton

I have a Baofeng GT-3TP and a Baofeng USB cable (with the longer pins to fit in the deeper recess) for it. I can interface successfully with Chirp-20150702 under Mac OS X 10.10.4. Unfortunately, I cannot communicate with a newly acquired Pofung UV-6R using the UV-5R options over this cable, neither over the cheaper cable (for the shallower recess) that interfaces with the BF888 radios. I assume that the interface for the UV-6R has yet to be developed.

In answer to a previous observation, I have succeeded in programming the radio out of the box via the Menu key. However, this method is rather tedious to say the least. I look forward to trying out the UV-6R interface when available (in a future daily build?).

**#6 - 07/31/2015 12:25 am - Joerg Korte**

wait , too ;)

one information , I have found out with a factory model . I was use the original software (V1.10) and can't set memory . after a view check and reset I have clear memory each channel delete separate and start RESET ALL. after this doing i have store memory successful.

I thing it will help to found a set by chirp ;)

regards into the group

**#7 - 07/31/2015 10:20 pm - William Reuscher**

I got my CP2102 today, cable is functional with factory software, but still not working in CHIRP, so it looks like we need this radio to be added

**#8 - 08/14/2015 10:25 pm - William Reuscher**

Still no progress... I am willing to help out with my radio, just need instructions.

**#9 - 08/23/2015 01:39 am - Joerg Korte**

tell me , what do you need ? have a UV6R by PoFung and Baofeng USB cable , have Linux and Windows

**#10 - 07/17/2016 08:28 am - Dewey Knox**

It is still that way, I can't get Chirp to work. So I am stuck with using the not so easy manufacture's software. Are you working on adding this radio to Chirp?

William Reuscher wrote:

*I got my CP2102 today, cable is functional with factory software, but still not working in CHIRP, so it looks like we need this radio to be added*

**#11 - 08/03/2016 07:59 am - Matt Mills**

- File *serial\_output.csv* added

So, I was able to capture the serial data from a download and then an upload; they're both in the attached file. I may try to put a patch together adding the radio, but right now I don't have a sane python dev environment, so it'll take me a while to get set up and then do the work.

**#12 - 08/24/2016 05:40 pm - Jim Unroe**

- Status changed from *New* to *Resolved*
- Assignee set to *Jim Unroe*
- Target version set to *0.5.0*

Support was added in the CHIRP-2016019 build.

Jim KC9HI

**#13 - 02/12/2017 03:31 pm - Tim Smith**

- Status changed from *Resolved* to *Closed*
- % Done changed from *0* to *100*

**Files**

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serial_output.csv	3.1 MB	08/03/2016	Matt Mills
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