

CHIRP - New Model # 4263

Status:	Closed	Priority:	Normal
Author:	Piotr Piotrowski	Category:	
Created:	11/25/2016	Assignee:	Jim Unroe
Updated:	09/02/2020	Due date:	11/26/2016
Chirp Version:	daily		
Equipment Loan Offered:	No		
Subject:	VGC VR-6600PRO and BTech UV-50X3 the same radio		
Description	<p>Hi, I have a few pieces vgc vr - 6600pro, our original program for the programming of this radio is disastrous, I tried to read it using the radio profile BTech UV-50X3, to a certain point everything goes successfully, then pops up a window indicating an error. Is there a possibility to add this radio to base operated radios ?? all users of radio VGC would certainly be pleased, really do not need big changes to this radio was on the list of supported radios. Thank you for your interest in my request.</p>		

History

#1 - 11/25/2016 05:40 pm - Jim Unroe

Is there a possibility that you could use Portmon or some similar software to capture a download using the factory software? At the very least, would you attach a CHIRP debug.log containing the error?

Jim KC9HI

#2 - 11/26/2016 05:16 am - Piotr Piotrowski

- File CHIRP LOGS.zip added

CHIRP LOGS

#3 - 11/26/2016 06:37 am - Jim Unroe

- File vgc_sleep.py added

- Status changed from New to Feedback

Piotr,

Thanks for the logs. It seems that the radio is identified OK and the download begins without a problem, but eventually it gets to a point where the radio does not reply with the requested block. It did not happen at the same point of both logs. I'm thinking the radio is barely ready to receive the next block request after sending the previous one and after awhile a request is eventually missed.

Enable "Enable developer functions" in the Help menu and then use the "Load Module" function in the File menu to load the attached driver file and then try a download.

If successful, attach your CHIRP Radio Images (*.img) file.

If it fails, attach another set of debug.log file.

Jim KC9HI

#4 - 11/26/2016 07:06 am - Piotr Piotrowski

- File *Serial Port Monitor Original Program VR-6600PRO.zip* added

Serial Port Monitor Original Program VR-6600PRO

#5 - 11/26/2016 07:22 am - Piotr Piotrowski

- File *CHIRP LOGS AFTER UPDATE (vgc_sleep.py).zip* added

CHIRP LOGS AFTER UPDATE (vgc_sleep.py)

#6 - 11/26/2016 07:46 am - Piotr Piotrowski

- File *Serial Port Monitor CHIRP after update (vgc_sleep.py).zip* added

Serial Port Monitor CHIRP after update (vgc_sleep.py)

#7 - 11/26/2016 07:58 am - Jim Unroe

Thank you for the CHIRP serial port logs. I was just requesting that you send CHIRP serial port logs when they appeared from you. I will study them.

Jim KC9HI

#8 - 11/26/2016 08:08 am - Piotr Piotrowski

Jim,

Thank you for your interest in this topic

Piotr,SV3RNJ

#9 - 11/26/2016 08:09 am - Piotr Piotrowski

Jim,

Thank you for your interest in this topic

Piotr,SV3RNJ

#10 - 11/26/2016 11:07 am - Jim Unroe

- File *vgc_ww.py* added

I think I understand what the problem is (the VGC radio has the same "double command" bug as the the BTech radio, the effect of the bug is different). I don't know how to work around this difference yet.

If I am correct, the attached concept driver should download from the VGC radio. Test it and report back.

Jim KC9HI

#11 - 11/27/2016 07:17 am - Piotr Piotrowski

Good Morning Jim, you have a message on e-mail. Thank you.

#12 - 11/27/2016 11:48 am - Jim Unroe

- File *vgc_ww.py* added

I've been out of town.

I see I forgot to remark out a section of code that is needed for the UV50X3 but is not compatible with the VF-6600 Pro.

Try this.

Jim

#13 - 11/27/2016 11:48 am - Jim Unroe

- File *deleted (vgc_ww.py)*

#14 - 11/27/2016 12:00 pm - Piotr Piotrowski

- File *BTECH_UV-50X3_20161127.img* added

OK!

#15 - 11/27/2016 12:40 pm - Piotr Piotrowski

- File *Upload.zip* added

Upload CHIRP log & COM Monitor logs.

#16 - 11/27/2016 12:58 pm - Piotr Piotrowski

- File *SERIAL PORT MONITOR UPLOAD ORIGINAL PROGRAM.zip* added

SERIAL PORT MONITOR UPLOAD ORIGINAL PROGRAM

#17 - 11/27/2016 12:59 pm - Piotr Piotrowski

- File *SERIAL PORT MONITOR UPLOAD ORIGINAL PROGRAM.zip* added

SERIAL PORT MONITOR UPLOAD ORIGINAL PROGRAM

#18 - 11/27/2016 01:21 pm - Jim Unroe

- Status changed from Feedback to In Progress
- Assignee set to Jim Unroe
- Target version set to 0.5.0
- Chirp Version changed from 0.4.0 to daily

I assume you are telling me the upload failed. I'll look into it.

#19 - 11/27/2016 03:03 pm - Jim Unroe

- File *vgc_vr6600_test1.py* added

If the upload failed, I will need a serial capture of the failed CHIRP upload. A debug.log file would also be useful.

I am attaching a rough concept of the code that should download successfully from both the BTECH and VGC radios. It does work with my UV-50X3.

Also, I need to know if the VR-6600PRO has the 220 MHz band or not. I'm thinking it is a dual-band radio.

Jim KC9HI

#20 - 11/27/2016 03:26 pm - Piotr Piotrowski

- File *VGC_VR-6600PRO_20161128.img* added

#21 - 11/27/2016 04:05 pm - Piotr Piotrowski

in European version is the possibility to unlock 220MHz

after unlocking in "tune mode" is additional menu item name "220 TX TUNE"

despite unlock tx does not work

my radios have locked 220MHz, I use only the V and U

#22 - 11/27/2016 04:13 pm - Piotr Piotrowski

- File *IMG_20161128_020717.jpg* added

the "TUNE MODE" with locked 220MHz TX

#23 - 11/27/2016 04:15 pm - Piotr Piotrowski

- File *IMG_20161128_020827.jpg* added

the "TUNE MODE" with unlocked 220MHz TX

#24 - 11/27/2016 04:17 pm - Piotr Piotrowski

can be assumed that the European version does not have 220MHz

#25 - 11/27/2016 04:41 pm - Piotr Piotrowski

- File *UPLOAD WITH VGC TEST 1.zip* added

UPLOAD WITH VGC TEST 1

#26 - 11/27/2016 06:54 pm - Jim Unroe

- File *vgc_vr6600_test2.py* added

OK. I believe I have resolved the upload issue. Please test uploading. Download should still work but it continues to be a work in progress.

Jim KC9HI

#27 - 11/28/2016 01:54 am - Piotr Piotrowski

- File *UPLOAD WITH VGC TEST 2.zip* added

UPLOAD WITH VGC TEST 2

#28 - 11/28/2016 02:22 am - Piotr Piotrowski

Hi Jim, download works correctly every time.

#29 - 11/28/2016 02:32 am - Jim Unroe

- File *vgc_vr6600_test3.py* added

The upload goes along fine then all of the sudden your radio returns a bad ACK. Here is a little more delay added between blocks.

Jim KC9HI

#30 - 11/28/2016 05:44 am - Piotr Piotrowski

- File *vgc_vr6600_test3.py download upload debug.log* added

#31 - 04/20/2020 10:35 pm - Bernhard Hailer

I'm unsure - is this complete?

#32 - 09/02/2020 03:50 pm - Bernhard Hailer

- Status changed from *In Progress* to *Closed*

This radio is been listed as supported.

Please let us know if this information is incorrect.

Closed.

#33 - 09/02/2020 03:53 pm - Bernhard Hailer

- Target version changed from 0.5.0 to chirp-daily

Sorry, closed prematurely. Jim/Piotr, is this complete?

Files

CHIRP LOGS.zip	17.8 kB	11/26/2016	Piotr Piotrowski
vgc_sleep.py	48.5 kB	11/26/2016	Jim Unroe
Serial Port Monitor Original Program VR-6600PRO.zip	3.7 MB	11/26/2016	Piotr Piotrowski
CHIRP LOGS AFTER UPDATE (vgc_sleep.py).zip	19.2 kB	11/26/2016	Piotr Piotrowski
Serial Port Monitor CHIRP after update (vgc_sleep.py).zip	96.6 kB	11/26/2016	Piotr Piotrowski
vgc_ww.py	48.6 kB	11/27/2016	Jim Unroe
BTECH_UV-50X3_20161127.img	32 kB	11/27/2016	Piotr Piotrowski
Upload.zip	325.4 kB	11/27/2016	Piotr Piotrowski
SERIAL PORT MONITOR UPLOAD ORIGINAL PROGRAM.zip	22 Bytes	11/27/2016	Piotr Piotrowski
SERIAL PORT MONITOR UPLOAD ORIGINAL PROGRAM.zip	271 kB	11/27/2016	Piotr Piotrowski
vgc_vr6600_test1.py	49.1 kB	11/27/2016	Jim Unroe
VGC_VR-6600PRO_20161128.img	32 kB	11/27/2016	Piotr Piotrowski
IMG_20161128_020717.jpg	406.7 kB	11/27/2016	Piotr Piotrowski
IMG_20161128_020827.jpg	567.4 kB	11/27/2016	Piotr Piotrowski
UPLOAD WITH VGC TEST 1.zip	121.2 kB	11/27/2016	Piotr Piotrowski
vgc_vr6600_test2.py	49.2 kB	11/27/2016	Jim Unroe
UPLOAD WITH VGC TEST 2.zip	37.6 kB	11/28/2016	Piotr Piotrowski
vgc_vr6600_test3.py	49.2 kB	11/28/2016	Jim Unroe
vgc_vr6600_test3.py download upload debug.log	361.5 kB	11/28/2016	Piotr Piotrowski