

## CHIRP - Bug # 6641

<b>Status:</b>	Closed	<b>Priority:</b>	Normal
<b>Author:</b>	Malak 410	<b>Category:</b>	
<b>Created:</b>	03/24/2019	<b>Assignee:</b>	
<b>Updated:</b>	09/23/2020	<b>Due date:</b>	
<b>Chirp Version:</b>	daily		
<b>Model affected:</b>	Yaesu FT-7100		
<b>Platform:</b>	Windows		
<b>Subject:</b>	Yaesu FT 7100		
<b>Description</b>			
<p>There is a problem sending data to FT 7100, I can get all data, but I'm not able to write data from PC to Radio. I don't know if the problem is mine or the problem is at the Chirp Program.</p> <p>Please if you have any procedure, please send me or put on the Web...</p> <p>Thanks a lot.</p>			
<b>Related issues:</b>			
duplicates Bug # 4591: Yaesu FT-7100M Fails to upload. Win7 or Linux Mint.		<b>Feedback</b>	<b>03/06/2017</b>
duplicated by Bug # 6653: Yaesu FT-7100M connection problem		<b>Closed</b>	<b>03/30/2019</b>

### History

#### #1 - 04/27/2019 12:31 pm - Tony Brittingham

- File ft7100.pyc added

I was having similar issues with a second-hand FT-7100M with serial number 1DXXXXXX.

The fix I found requires changes to the chirp/driver/ft7100.py script. In the `_upload` function on lines 136-137, the original 16-byte block sent by the script was not being accepted by my radio. In a modification to the `_download` function, I inserted a line to print out the 16-byte block read from the radio during a download. I found that this data is different from the original which is as follows (utilizing `util.hexprint(data)`):

```
000: ee 77 01 00 0e 07 0e 07  .w.....  
008: 00 00 00 00 00 02 00 00  .....
```

I modified lines 136-137 with this information:

```
136  _send(radio.pipe, "\xEE\x77\x01\x00\x0E\x07\x0E\x07"  
137      "\x00\x00\x00\x00\x00\x02\x00\x00")
```

This fixed my issue. This problem could be related to the differences between the several serial numbers this radio model went through over the course of its storied life. A more elegant solution would be to either create a sub-model for this radio depending on serial number or somehow use the 16-byte block read when downloading (line 94) and use it when uploading to the radio.

I have attached a copy of the script.

#### #2 - 09/25/2019 10:17 am - Tony Brittingham

- File ft7100.py added

I now realize I accidentally uploaded the compiled Python script file. Here's the source file.

**#3 - 02/29/2020 07:36 pm - Bernhard Hailer**

- Status changed from New to Feedback

- Target version set to chirp-daily

Tony, did you submit your patch on the developer's mailing list? See [\[\[Developers\]\]](#). Thanks!

**#4 - 09/23/2020 05:54 pm - Bernhard Hailer**

- Status changed from Feedback to Closed

This ticket duplicates #4591. Please follow and post there.

I left a comment there to review the suggested patch.

**Files**

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ft7100.pyc	30.3 kB	04/27/2019	Tony Brittingham
ft7100.py	38.6 kB	09/25/2019	Tony Brittingham