

CHIRP - Bug # 6165

Status:	New	Priority:	Normal
Author:	Pavel Korshikov	Category:	
Created:	10/13/2018	Assignee:	Pavel Korshikov
Updated:	12/15/2018	Due date:	
Chirp Version:	0.4.0		
Model affected:	(All models)		
Platform:	All		
Subject:	Settings empty Baofeng BF-T1		
Description			
Expected behavior: See settings when clicking on settings tab for my radio			
Observed behavior: Blank area where settings should be			
Problem reproduces 100% of the time.			
Reproduction steps: #Launch CHIRP #Download from radio #click settings tab and observe no settings			
test on last build (3003:ad3e6fc729ad) for linux and Windows			
Exception in terminal			
ERROR: Exception running RadioJob: Value 130 not in range 136-174 ERROR: -- Exception: -- ERROR: Traceback (most recent call last): File "/usr/lib/python2.7/site-packages/chirp/ui/common.py", line 116, in _execute result = func(*self.args, **self.kwargs) File "/usr/lib/python2.7/site-packages/chirp/drivers/bf-t1.py", line 845, in get_settings _settings.vhfl) / 10)) File "/usr/lib/python2.7/site-packages/chirp/settings.py", line 83, in __init__ self.set_value(current) File "/usr/lib/python2.7/site-packages/chirp/settings.py", line 92, in set_value (value, self._min, self._max)) InvalidValueError: Value 130 not in range 136-174			
ERROR: ----- ERROR: Job Args: () ERROR: Job KWArgs: {} ERROR: Job Called from: File "/usr/bin/chirpw", line 149, in <module> gtk.main() File "/usr/lib/python2.7/site-packages/chirp/ui/mainapp.py", line 503, in cb_clonein self.do_open_live(radio, tempname="(" + _("Untitled") + ")") File "/usr/lib/python2.7/site-packages/chirp/ui/mainapp.py", line 428, in do_open_live			

```
eset = editorset.EditorSet(radio, self, tempname=tempname)
File "/usr/lib/python2.7/site-packages/chirp/ui/editorset.py", line 148, in __init__
    editor = settingsedit.SettingsEditor(rthread)
File "/usr/lib/python2.7/site-packages/chirp/ui/settingsedit.py", line 71, in __init__
    job = common.RadioJob(self._get_settings_cb, "get_settings")
```

Traceback (most recent call last):

```
File "/usr/lib/python2.7/site-packages/chirp/ui/settingsedit.py", line 219, in _build_ui
    raise Exception("Invalid Radio Settings")
```

Exception: Invalid Radio Settings

Associated revisions

Revision 3005:88a8f540abef - 10/13/2018 02:56 pm - Pavel Korshikov

[BF-T1] FIX range for limmit setting Fixes #6165

History

#1 - 10/13/2018 01:49 pm - Pavel Korshikov

some error. CHIRP version is 0.3.0

□ ~ chirpw --version

CHIRP 0.3.0dev on Linux delfX240 4.18.12-arch1-1-ARCH #1 SMP PREEMPT Thu Oct 4 01:01:27 UTC 2018 x86_64 (Python 2.7.15)

#2 - 10/13/2018 03:00 pm - Pavel Korshikov

send patch. do not understand how to close it issues.

#3 - 10/14/2018 04:37 pm - Jim Unroe

The problem is that the VHF band limit is set to 130. It must be in the range of 136-174.

Jim KC9HI

#4 - 10/14/2018 06:27 pm - Pavel Korshikov

Jim Unroe wrote:

The problem is that the VHF band limit is set to 130. It must be in the range of 136-174.

Jim KC9HI

@ Jim Unroe it config from device bought from JD. I don't edit any settings.

Test reset configuration to factory. It still 130. How I can see at https://trac.chirp.danplanet.com/chirp_daily/LATEST/Model_Support.html device

support 130-174.

I thing validation range for limit in driver incorrect.

So I create patch and sent it

```
diff --git a/chirp/drivers/bf-t1.py b/chirp/drivers/bf-t1.py
--- a/chirp/drivers/bf-t1.py
+++ b/chirp/drivers/bf-t1.py
@@ -841,25 +841,25 @@
     setattr(obj, setting.get_name(), int(setting.value) * 10)

     rs = RadioSetting("vhfl", "VHF Low Limit",
-         RadioSettingValueInteger(136, 174, int(
+         RadioSettingValueInteger(130, 174, int(
             _settings.vhfl) / 10))
     rs.set_apply_callback(apply_limit, _settings)
     adv.append(rs)

     rs = RadioSetting("vhfh", "VHF High Limit",
-         RadioSettingValueInteger(136, 174, int(
+         RadioSettingValueInteger(130, 174, int(
             _settings.vhfh) / 10))
     rs.set_apply_callback(apply_limit, _settings)
     adv.append(rs)

     rs = RadioSetting("uhfl", "UHF Low Limit",
-         RadioSettingValueInteger(400, 470, int(
+         RadioSettingValueInteger(400, 520, int(
             _settings.uhfl) / 10))
     rs.set_apply_callback(apply_limit, _settings)
     adv.append(rs)

     rs = RadioSetting("uhfh", "UHF High Limit",
-         RadioSettingValueInteger(400, 470, int(
+         RadioSettingValueInteger(400, 520, int(
             _settings.uhfh) / 10))
     rs.set_apply_callback(apply_limit, _settings)
     adv.append(rs)
```

test with it. work fine for my devices.

#5 - 12/15/2018 01:35 am - Henk Groningen

I do understand this patch, but wonder if we should not add a warning to novice users.

The BF-T1 is limited to 400-470 in real live. Outside this limits it kind'a works since the basic rx/tx unit is a generic one. VHF tx is very limited in range because the end-stage is not designed for it and prolonged tx on these frequencys may even damage the end-stage.

The original chip supports 136-174 and 400-470 (and possibly even the 220 range). However it can be stretched to 130-174 and 400-520, like most Baofeng units. But advertising these limits as usable limits without a warning seems not very wise.

