CHIRP - Bug # 8765

Status:	Closed		**Priority:**	Normal
Author:	Josh McDaniel		**Category:**	
Created:	01/30/2021		**Assignee:**	Jim Unroe
Updated:	02/11/2021		**Due date:**	
Chirp Version:	daily			
Model affected:	TK-860G			
Platform:	All			
Subject:	Kenwood TK 860G 12.5 KHz Not supported			

Description
Hi, I was wondering if the steps could be updated for the Kenwood TK-860G. I'm currently getting a 12.5 KHz not supported error when entering interstitial frequencies. The Kenwood service manual indicated the radio is capable of 2.5, 5, 6.25KHz and 1 MHz steps. This is from page 13 of the manual. I'll also attach and image from a radio with an interstitial frequency loaded for reference. Thank you, Josh

Associated revisions

Revision 3469:0bc8afe957ad - 02/02/2021 03:37 pm - Jim Unroe

[TK-860G] Add valid_tuning_steps for Kenwood TK-860G (and others)

This patch adds valid tuning steps for the Kenwood TK-860G and the following
Kenwood radio models.

TK-26xG, TK-27xG, TK-36xG, TK-37xG, TK-38xG, TK76xG, TK-86xG

fixes #8765

History

#1 - 01/31/2021 02:48 pm - Jim Unroe

- Status changed from New to Feedback

- Platform changed from Windows to All

Hi Josh,

If I work on it, will you test it?

Jim KC9HI

#2 - 01/31/2021 02:55 pm - Josh McDaniel

I would be happy to. Just let me know what information you need.

#3 - 01/31/2021 05:13 pm - Jim Unroe

- File tk760g_with_valid_steps.py added

- Status changed from Feedback to In Progress

- Assignee set to Jim Unroe

- Target version set to chirp-daily

- % Done changed from 0 to 90

Josh,

Attached is a test driver module. Save to a convenient location. Do not right click to download. Left click and then click the "download" link on following web page that loads.

To use it enable the "Enable Developer Functions" setting in the "Help" menu list. This will add a "Load Module" choice in the "File" menu list. Click "Load Module" and then locate and load the test driver module. The CHIRP background will turn red to indicate that a test driver module is loaded.

This test driver module does not permanently change your CHIRP installation in any way. Once you close CHIRP and open it later, you will have to reload this test driver before you can add frequencies to a supported radio model requiring a 6.25 KHz step.

Let me know how it works for you or if you have any questions.

Jim KC9HI

#4 - 01/31/2021 07:11 pm - Josh McDaniel

I just gave it a test. I'm still getting the Frequency requires 12.5KHz step warning.

#5 - 02/01/2021 07:05 am - Jim Unroe
- File tk760g_with_valid_steps_#2.py added

Josh McDaniel wrote:

> *I just gave it a test. I'm still getting the Frequency requires 12.5KHz step warning.*

OK. Give this one a try.

Jim KC9HI

#6 - 02/02/2021 06:24 am - Josh McDaniel

Success!

I was able to successfully program 12.5Khz spaced narrowband frequencies!

Thank you for making the update!

#7 - 02/02/2021 11:31 am - Jim Unroe
- Status changed from In Progress to Resolved

- % Done changed from 90 to 100

I had some issues submitting the patch today. I think I have sort of worked around the issue and hopefully have it submitted.

Once the patch that I submitted has been accepted and added to CHIRP, the daily build following acceptance will have the "valid_tuning_steps" support. Until then, just continue to use the test driver module.

Jim KC9HI

#8 - 02/11/2021 02:44 pm - Anonymous

- Status changed from Resolved to Closed

Applied in changeset commit:0bc8afe957ad.

Files

Kenwood_TK-860G_20210130 orig.img	32.2 kB	01/30/2021	Josh McDaniel
tk760g_with_valid_steps.py	54 kB	01/31/2021	Jim Unroe
tk760g_with_valid_steps_#2.py	54 kB	02/01/2021	Jim Unroe