CHIRP - New Model # 2437

Status:	Closed	**Priority:**	Normal
Author:	Joe Kirby	**Category:**	
Created:	03/17/2015	**Assignee:**	Jim Unroe
Updated:	04/26/2020	**Due date:**	
Chirp Version:	daily		
Equipment Loan Offered:	Yes		
Subject:	Anytone TERMN-8R		
Description			

Associated revisions

Revision 2542:b0ff1816e063 - 04/04/2015 12:34 am - Jim Unroe

[termn8r] Add Anytone TERMN-8R Support #2437

Add basic spreadsheet editor support
Add a few "Function Setup" settings to get started
   - Welcome Message (line 1 & line 2)
   - Display Mode
   - Automatic Power-off
Add an "extra" setting to get started
   - Busy Channel Lockout

Bonus: Add equivalent Anytone OBLTR-8R support

#2437

Revision 2543:e8bd104b88b3 - 04/04/2015 04:20 pm - Dan Smith

Add AnyTone OBLTR-8R and TERMN-8R images

Related to #2437

Revision 2552:31a7494c324a - 04/15/2015 12:58 am - Jim Unroe

[termn8r] Add Anytone TERMN-8R Support #2437

Add an "extra" setting to get started
- Squelch (this is a per channel setting)

releated to #2437

Revision 2554:c474d9ee83b1 - 04/26/2015 12:16 am - Jim Unroe

[termn8r] Add Anytone TERMN-8R Support #2437

Add most "Function Setup" settings that are common to

the OBLTR-8R and TERMN-8R radios.

related to #2437

History

#1 - 03/17/2015 03:16 pm - Jim Unroe

- Status changed from New to In Progress

- Assignee set to Jim Unroe

- Target version set to 0.5.0

- Chirp Version changed from 0.4.0 to daily

#2 - 04/02/2015 08:04 pm - Jim Unroe

- File AnyTone_TERMN-8R.img added

- File AnyTone_OBLTR-8R.img added

- % Done changed from 0 to 50

Initial AnyTone TERMN-8R driver submitted.

Includes basic spreadsheet editor support and a few settings.

Bonus: AnyTone OBLTR-8R support included.

Jim KC9HI

#3 - 04/06/2015 06:41 pm - Alex B

- File chan.PNG added

Guys,

Great job on the new driver.

There is an issue with showing the empty channels after upload.
You need to set the binary flags in address 0101 & 0102 to hide them. Please see the Attached image.

I was trying to figure out the file structure on my own and here are some of the missing pieces:
  bbcd freq[4];
  bbcd offset[4];
  u8 unknown1:4,
    tune_step:4;
  u8 unknown2:2,
    txdcsextra:1,
    txinv:1,
    channel_width:2,
    unknown3:1, **= Talkaround**
    tx_off:1;
  u8 unknown4:2,
    rxdcsextra:1,
    rxinv:1,
    power:2,

```
      duplex:2;
   u8 unknown5:4,
      rxtmode:2,
      txtmode:2;
   u8 unknown6:2,
      txtone:6;
   u8 unknown7:2,
      rxtone:6;
   u8 txcode;
   u8 rxcode;
   u8
```
Optional Signaling:1,   01=DTMF, 02=2Tone, 03 = 5Tone, 04 = MSK
```
      unknown:2,
      char name[6];
   u8 squelch:4,
      unknown9:2,
```
bcl:2;   Busy Channel Lockout: 1=Repeater, 2=Busy
```
  u8 unknownA;
```
5TonePTTID: 0=none, 10=begin, 20=end, 30=Begin & End   *
       ***DTMF PTTID: 0=none, 01=begin, 02=end, 03=Begin & End**
```
  u8 unknownB:7,
     sqlmode:1;  00=Carrier, 01=CTCSS/DCS
  u8 unknown:2,    Define CTSS Freq: [62.5 : 254.1]
     unknownC 2,
```

#4 - 04/06/2015 07:24 pm - Jim Unroe

Alex,

This is being done. I just added a channel to CHIRP and uploaded the data to the radio. I verified it was there. Then I removed that channel from CHIRP and again uploaded the data to the radio. I verified that the channel was removed.

Please describe the steps that you are using that results in an "unhidden" channel so I can try to duplicate it here.

Jim

#5 - 04/07/2015 04:06 am - Alex B

Jim,

This doesn't happen all the time. But occasionally, if I use OEM Software to program Channels 1, 2 and 3 into the radio, and then delete channel 2 via CHIRP ...the radio (in channel mode) will go through channels 1, 2(empty), 3, 4(empty), 5 (empty) ...all the way to 199(empty).

On an empty channel the radio shows blank screen with only the channel number in the upper right.

Alex

#6 - 04/07/2015 04:53 am - Alex B

Jim,

Please disregard the above for now - cannot duplicate anymore. Don't want you to waste your time.

Thanks,
Alex

#7 - 04/26/2020 10:49 pm - Bernhard Hailer

- Status changed from In Progress to Closed

This appears to be complete.

Files

AnyTone_TERMN-8R.img	32 kB	04/02/2015	Jim Unroe
AnyTone_OBLTR-8R.img	32 kB	04/02/2015	Jim Unroe
chan.PNG	38.5 kB	04/06/2015	Alex B