CRSF Shot Step by Step Setup for OpenTX

Step 1: Go to
https://www.team-blacksheep.com/tbs-opentx-nightly.zip
Download the TBS Nightly Build

Step 2: Go to
https://downloads.open-tx.org/2.3/release/sdcard/
Download the newest SD card Contents for OpenTX

Step 3: Go to
http://downloads.open-tx.org/2.3/release/companion/windows/companion-windows-2.3.5.exe
Download the newest OpenTX Companion

Step 4: Go to
https://www.team-blacksheep.com/products/prod:agentx
Download TBS Agent X

Step 5:
Launch OpenTX companion

On Taranis Qx7, X9D+ and Jumper T16
Hold the left and right trims toward the center and turn on the transmitter, this will push you into bootloader mode
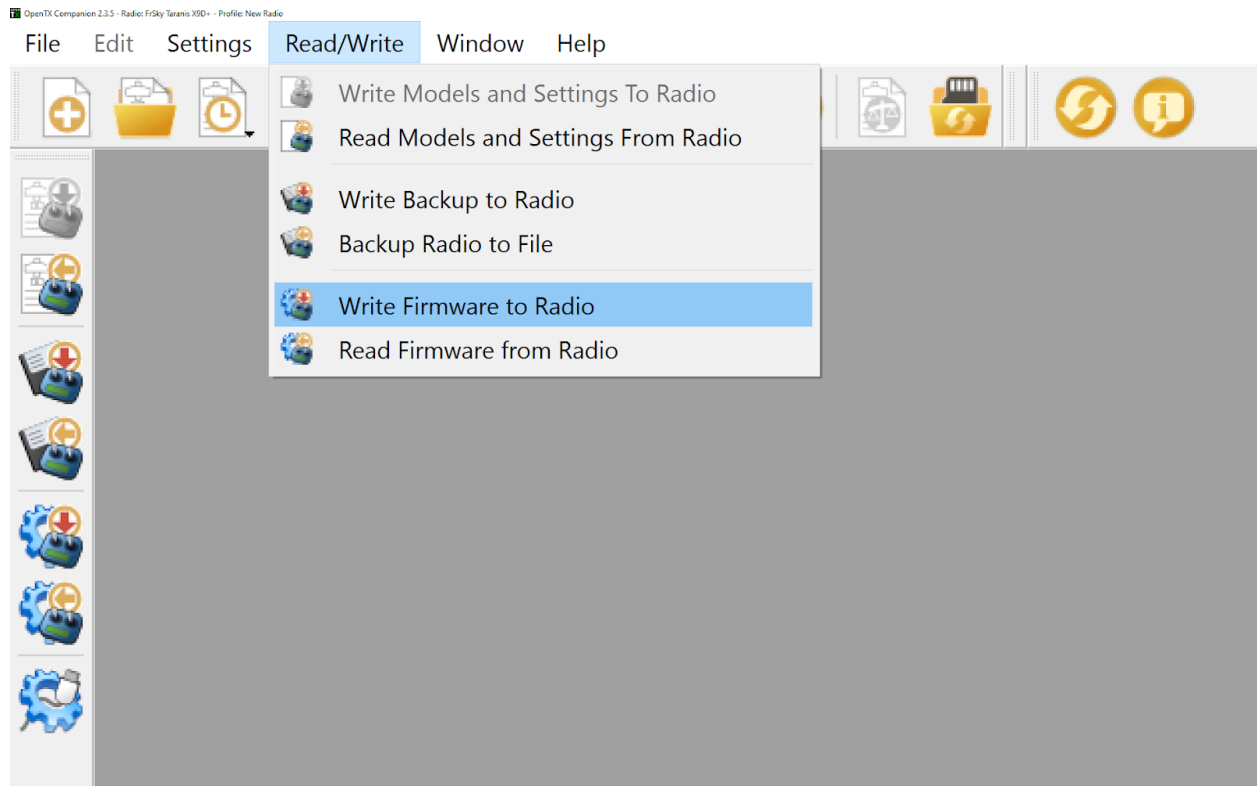
Some open TX radios may have another method of entering bootloader

Then Plug in Transmitter Via USB

Step 6:

in OpenTX companion, navigate to Read/Write and choose "Write Firmware to Radio"

Select Load

Flash Firmware   ? ✕

/Desktop/tbs-opentx-nightly/tbs_firm_x9d+_en_20200106.bin   Load...

Version   TBS (a9285a0b)

Variant   219

Date & Time   2020-01-06 09:38:23

○ Use profile start screen

◉ Use firmware start screen

○ Use library start screen

○ Use another start screen

☑ Check Hardware compatibility

Cancel   Write to TX

Then Select the Firmware for the Radio you are using

Name	Date modified	Type	Size
TX tbs_firm_t12_en_20200106.bin	1/5/2020 8:39 PM	BIN File	381 KB
TX tbs_firm_t16_en_20200117.bin	1/17/2020 3:49 AM	BIN File	1,027 KB
TX tbs_firm_x7_en_20200106.bin	1/5/2020 8:37 PM	BIN File	392 KB
TX tbs_firm_x7access_en_20200106.bin	1/5/2020 8:39 PM	BIN File	410 KB
TX tbs_firm_x9d_en_20200106.bin	1/5/2020 8:37 PM	BIN File	406 KB
TX tbs_firm_x9d+_en_20200106.bin	1/5/2020 8:38 PM	BIN File	408 KB
TX tbs_firm_x9d+2019_en_20200106.bin	1/5/2020 8:38 PM	BIN File	447 KB
TX tbs_firm_x9e_en_20200106.bin	1/5/2020 8:38 PM	BIN File	429 KB
TX tbs_firm_x9lite_en_20200106.bin	1/5/2020 8:38 PM	BIN File	400 KB
TX tbs_firm_x9lites_en_20200106.bin	1/5/2020 8:37 PM	BIN File	405 KB
TX tbs_firm_x10_en_20200117.bin	1/17/2020 3:47 AM	BIN File	1,034 KB
TX tbs_firm_x10express_en_20200117.bin	1/17/2020 3:47 AM	BIN File	1,042 KB
TX tbs_firm_x12s_en_20200117.bin	1/17/2020 3:49 AM	BIN File	1,038 KB
TX tbs_firm_xlite_en_20200106.bin	1/5/2020 8:37 PM	BIN File	408 KB
TX tbs_firm_xlites_en_20200106.bin	1/5/2020 8:39 PM	BIN File	410 KB

Then select "write to Tx"

Flash Firmware

esktop/tbs-opentx-nightly/tbs_firm_x9d+_en_20200106.bin   Load...

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◉ Use profile start screen
○ Use firmware start screer
○ Use library start screen
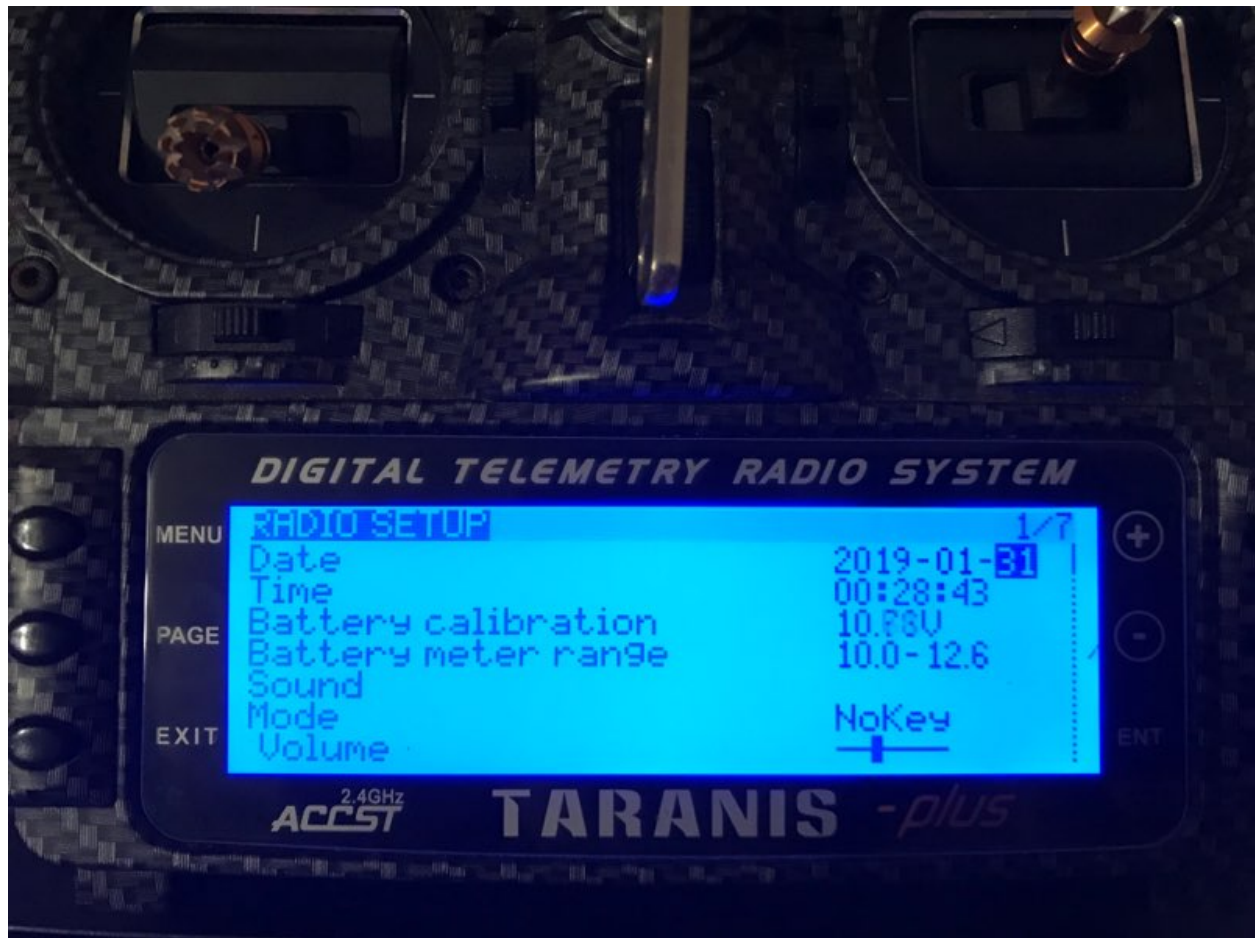○ Use another start screen

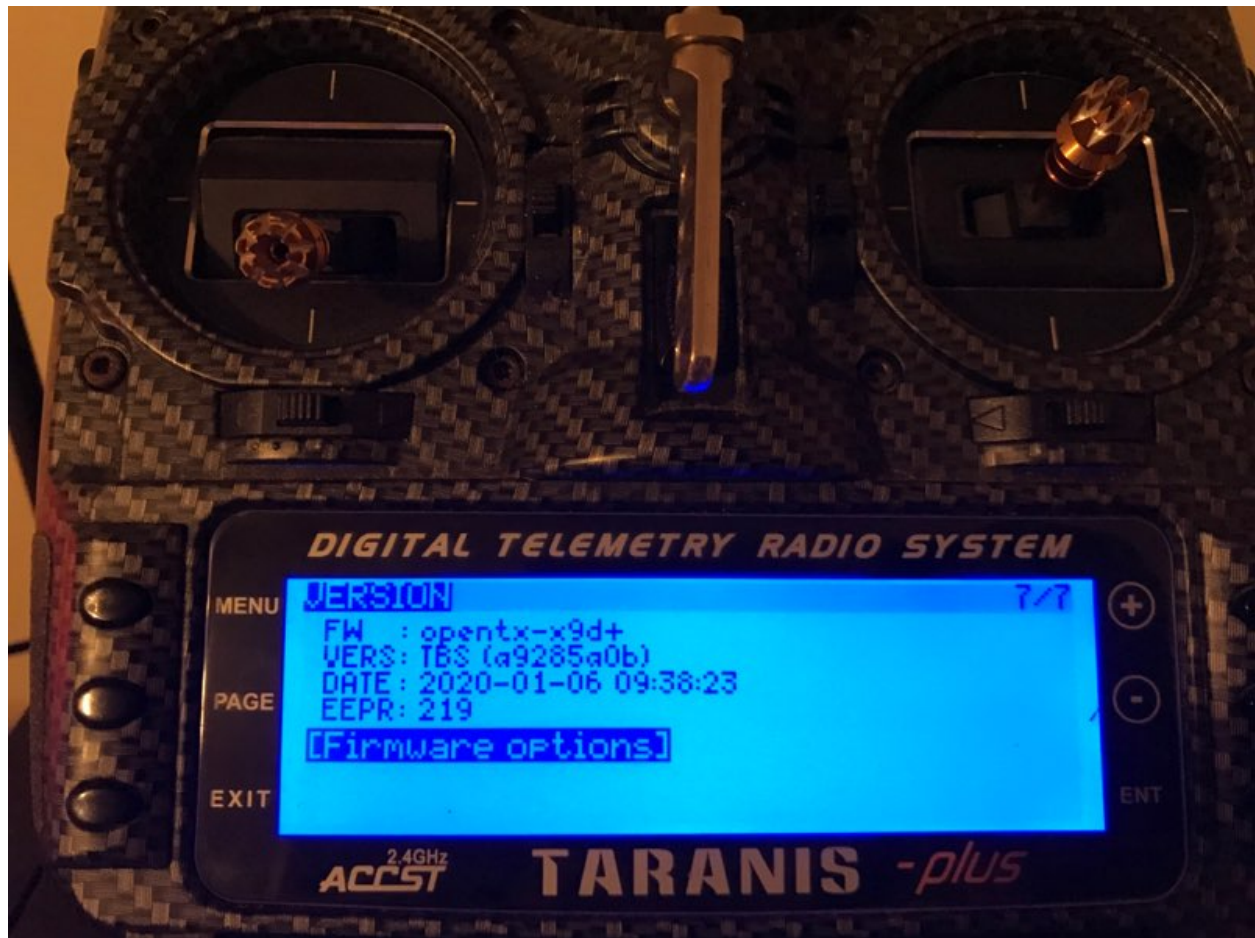☑ Check Hardware compatibility
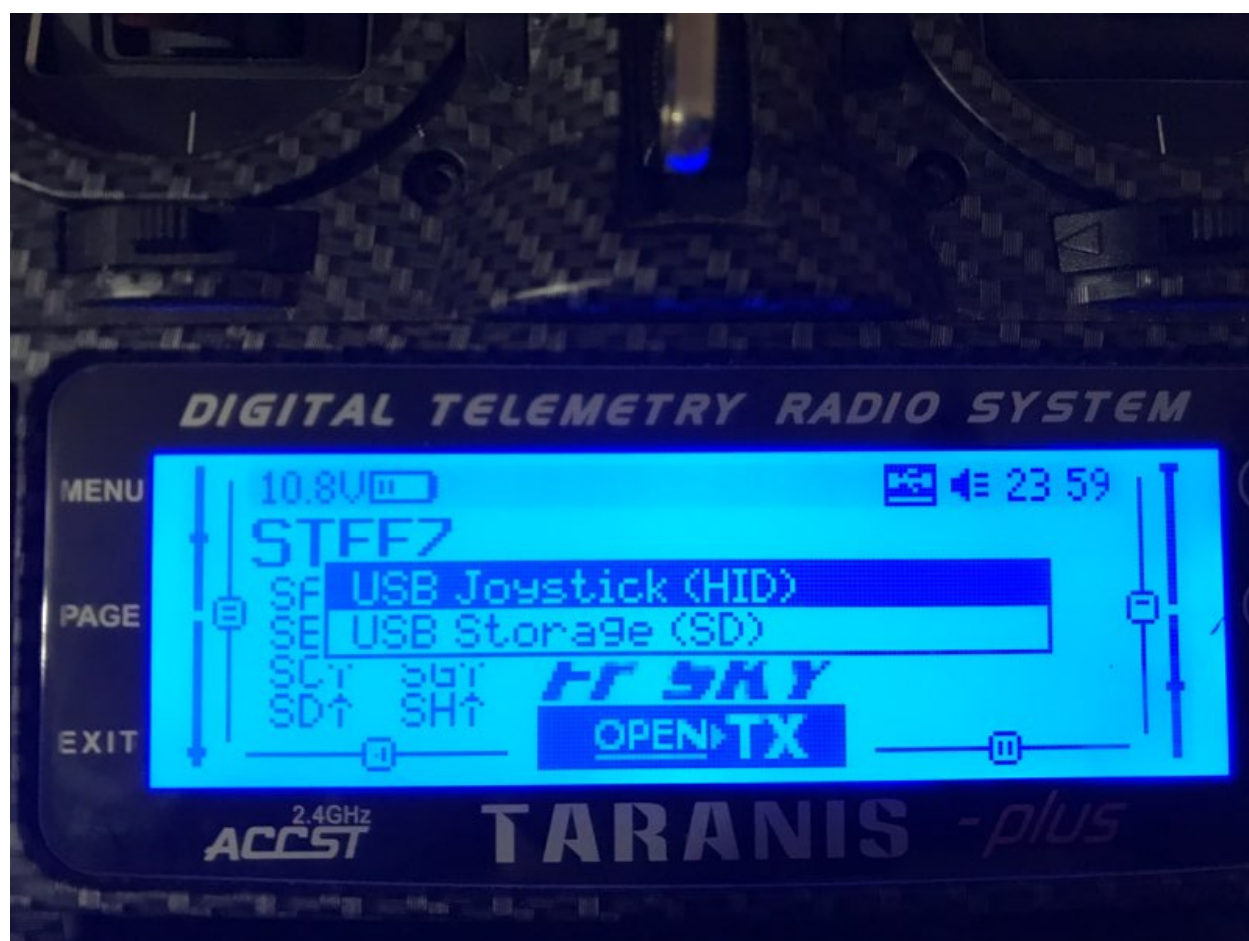
Cancel   Write to TX
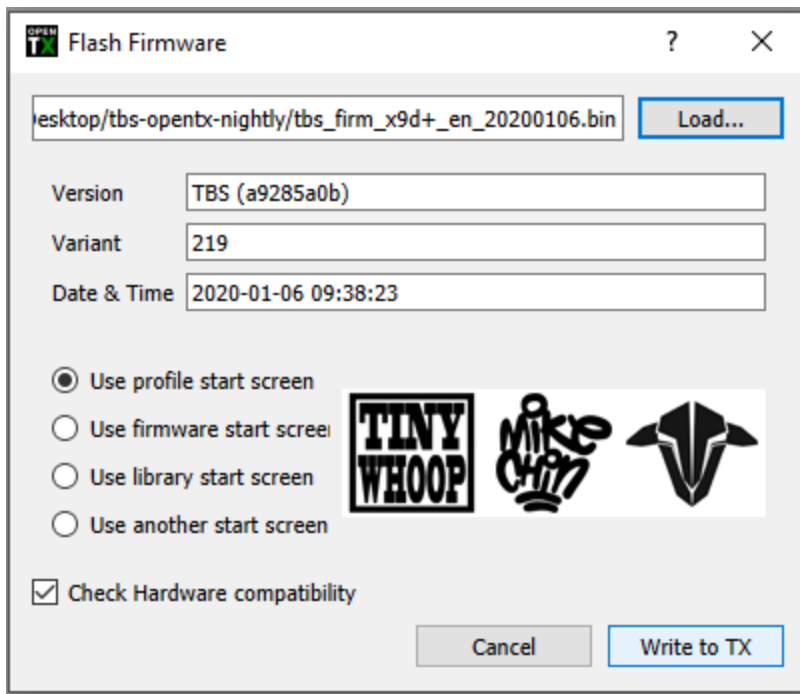
Step 7:
Unplug TX from Computer, confirm you are using the correct firmware by turning on the radio then holding the "Menu" button on the radio to enter "Radio Setup"

Then Hold the Page button down and ensure you are on the correct version

Next, plug in normally and select that on the transmitter to use as "USB Storage (SD)"

Step 8:

Copy the newly downloaded SD card files from their host file and paste them to the SD card on the Transmitter, this will take some time.

Name	Date modified	Type	Size
EEPROM	12/8/2019 3:22 AM	File folder	
FIRMWARE	12/8/2019 3:22 AM	File folder	
IMAGES	12/8/2019 3:22 AM	File folder	
LOGS	12/8/2019 3:22 AM	File folder	
MODELS	12/8/2019 3:22 AM	File folder	
SCREENSHOTS	12/8/2019 3:22 AM	File folder	
SCRIPTS	12/8/2019 3:22 AM	File folder	
SOUNDS	12/8/2019 6:57 AM	File folder	
SxR Calibrate	12/8/2019 3:22 AM	File folder	
opentx.sdcard.version	12/8/2019 3:22 AM	VERSION File	1 KB

Step 9:

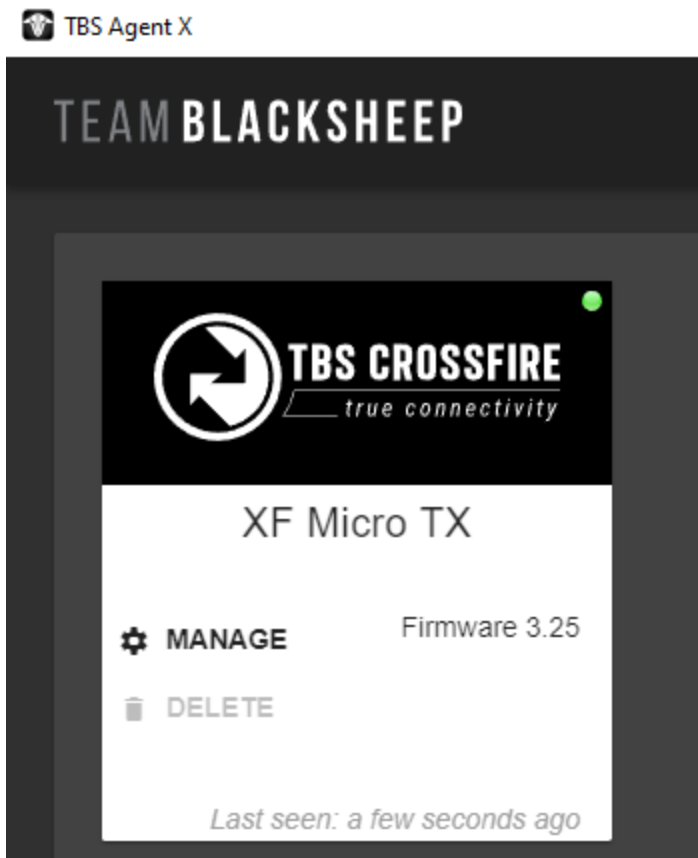click the 3 dots on the top right corner of Agent X
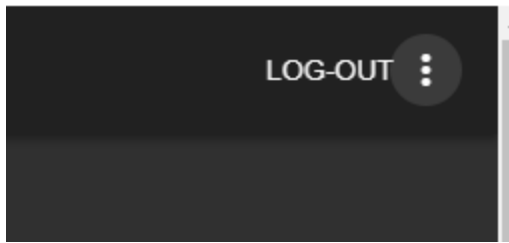
On the next page click the box to enable Beta Releases
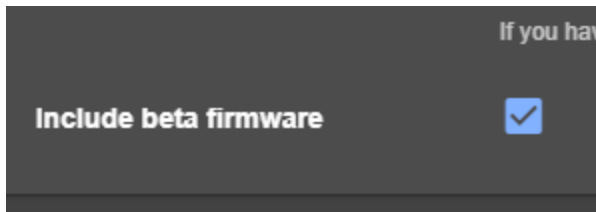
Step 10:

Open Agent X and plug in your TBS Crossfire. You will have a Green Dot in the top right corner of the device that is plugged in. Select "manage"

Step 11:

Navigate to "Firmware"

Locate the update for 3.25 and click update on the right hand side under "action"

Step 12:

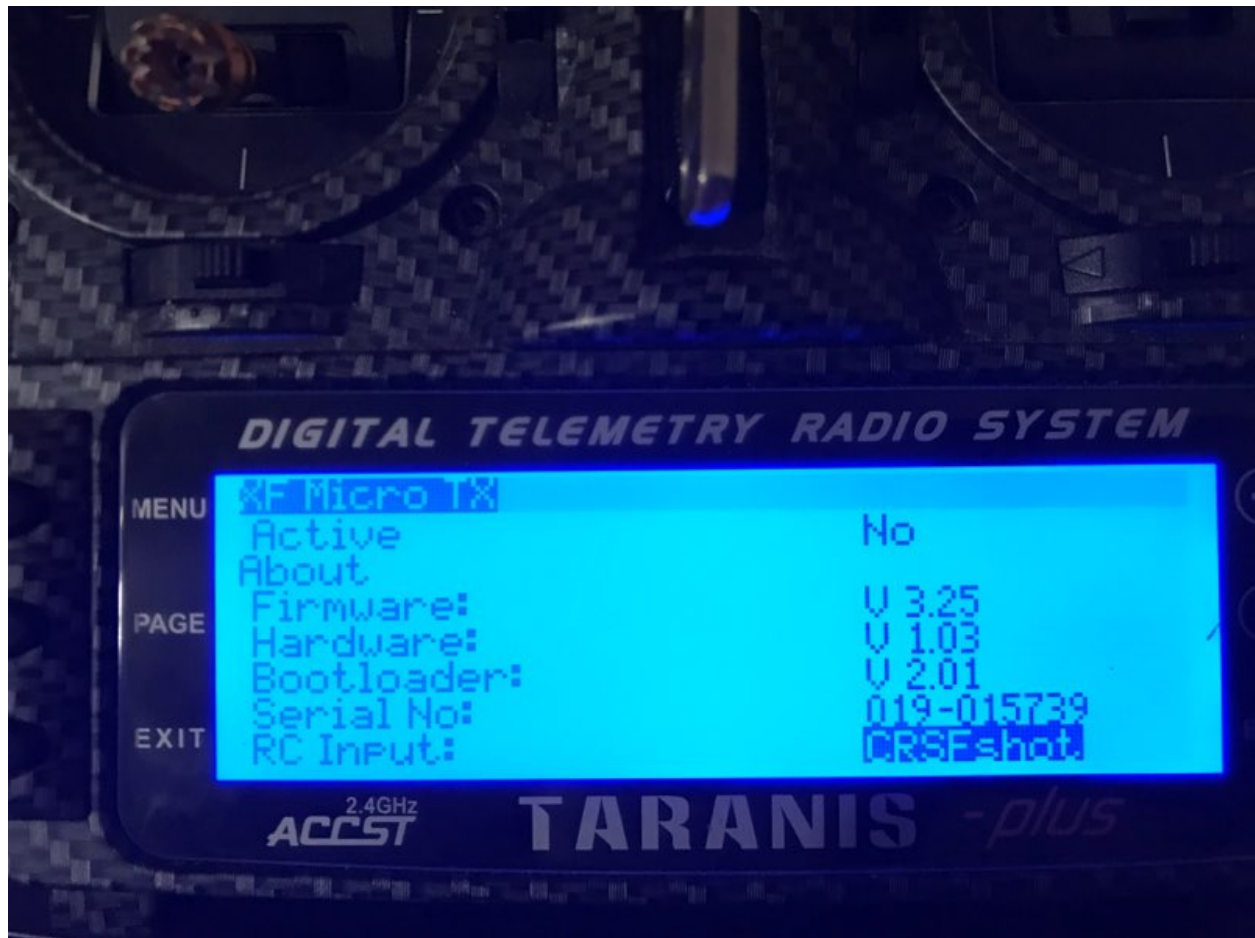Turn on Radio, hit "Menu" then hit "Page" so you are on the Model Setup Tab

Navigate to RF settings at the bottom, make sure "Internal RF" mod is "OFF"

And change "External RF" to "CRSF"

You should now have CRSF shot enabled.

For the Crossfire Micro TX you can confirm this in the Crossfire lua by selecting "XF Micro TX" and navigating to the bottom of the menu

On the Fullside TX you will find this information on the Oled Screen here

TBS CROSSFIRE

Link State:	Connecting
TX Power:	10mW
RC Input:	CRSFshot
HT Input:	No Signal

DC
Input

HT

Exp.
Port