

Instruction Manual and How-to for V2 upgrade

Manual

File names of V2:

For Modules (DFT/DJT/DHT): “V2_host_roma_build_100826.frk” and “V2_host_romb_build-100826.frk”

For Receiver (D8R): “V2_fdd_rx_build_100826.frk”

Superiority of V2:

- 1) Four different tones corresponding to four alarm sources;
- 2) Improve the smoothness of servos when working with D8R;
- 3) Provide two PPM modes: HS (9ms) and FS (18ms).

Caution: Please note that in two-way mode, both modules and receivers need to be upgraded to V2 simultaneously. V1 and V2 are not compatible.

RX module must be put into BOOT LOADER PROGRAMMING MODE by linking CH7 to CH8 signal pins on the RX before power up.

Four different tones corresponding to four alarm sources:

Tones	Alarm Sources
2.3KHz	Low Power of Transmitter Module
2.44 KHz	AD1 of Receiver
2.58 KHz	AD2 of Receiver
2.87 KHz	RSSI of Receiver

Two PPM modes: HS mode and FS mode:

HS mode is only applied for high-speed digital servos. Other servos should select FS mode, otherwise servos will get hot or even burn out.

HS mode has 9mS PPM period (111Hz), FS mode has 18mS PPM period (55.6Hz).

How to switch between two PPM modes on the RX:

Turn the transmitter off, connect the battery to the receiver, press the F/S button of receiver for 6 seconds and then release it.

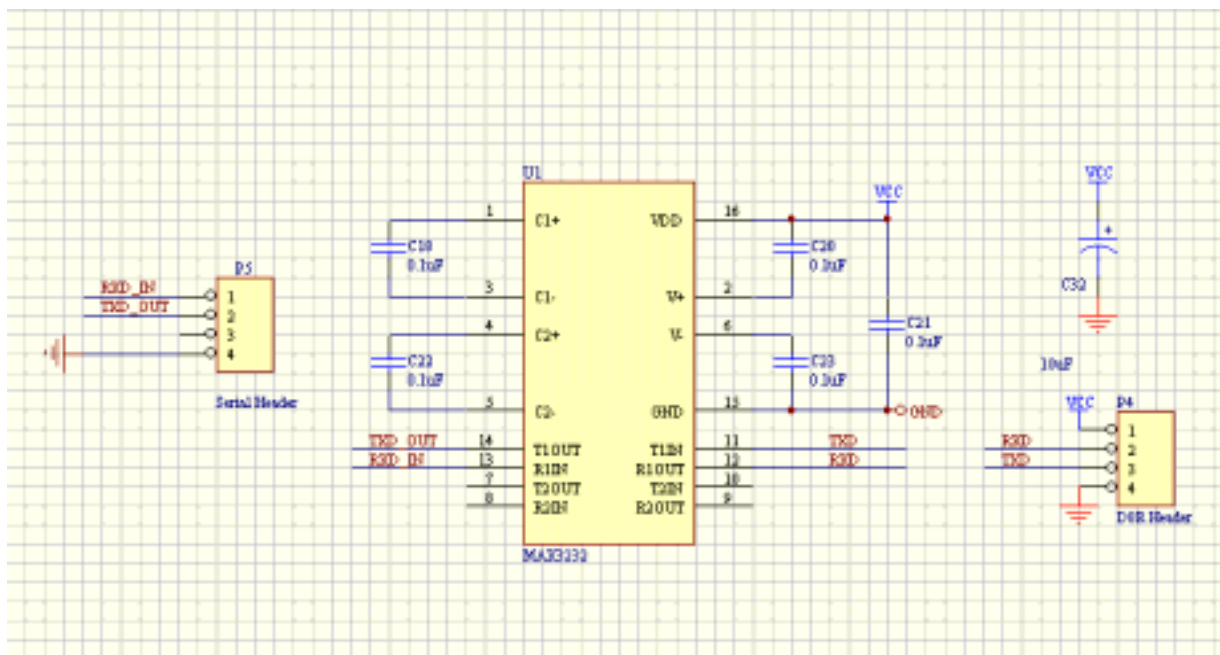
The red LED will flash fast in HS Mode and slow in FS Mode when the TX is not turned on.

How-to

Method:

- 1) For Modules (DFT/DJT/DHT): Please kindly follow the steps as shown in the document of “FrSky Firmware Update How-to”, by using FrSky Serial cable/USB cable and new ROM versions.
- 2) For Receiver (D8R): **FrSky upgrade lite MUST be connected between the RX and the PC comm. Port.**

1) Diagram:

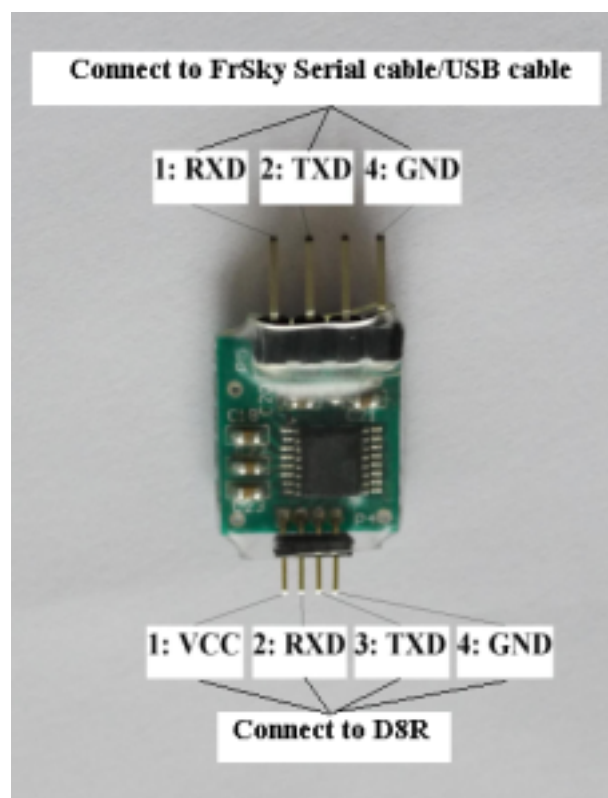


2) FrSky upgrade lite:



Please connect FrSky serial/USB cable, upgrade lite and D8R the way as shown below.

Note: please pay attention to the definitions and make sure they connect the right way.

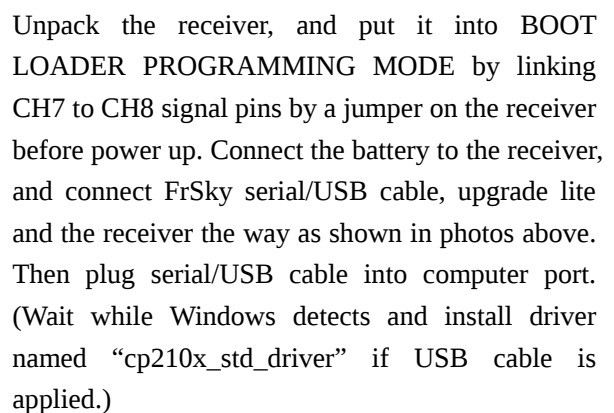


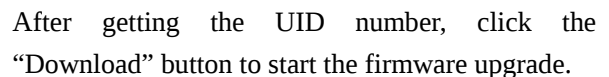
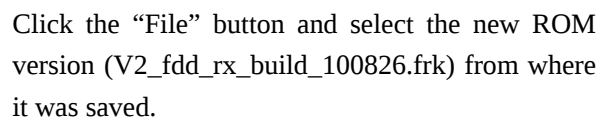
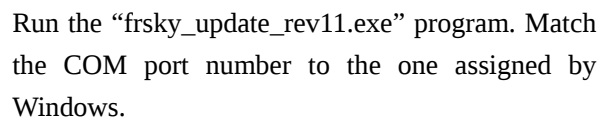


The screenshot shows a Windows Explorer window with the address bar displaying 'C:\Program Files\WinVista\Windows Update\wuapi-msdax-64.dll'. The main pane shows a list of files with columns for Name, Size, Type, and Date modified. The file 'wuapi-msdax-64.dll' is highlighted.

名称	大小	类型	修改日期
wuapi-msdax-64.dll	117 KB	应用程序扩展	2009-4-17 11:02
wuapi-msdax-64.dll	42 KB	应用程序扩展	2009-4-17 10:42
wuapi-msdax-64.dll	12 KB	应用程序扩展	2009-4-17 11:02
wuapi-msdax-64.dll	46 KB	应用程序扩展	2009-4-17 10:40
wuapi-msdax-64.dll	2,352 KB	应用程序扩展	2009-4-22 10:13
wuapi-msdax-64.dll	6,260 KB	应用程序扩展	2009-11-26 17:26
wuapi-msdax-64.dll	30 KB	FW 文件	2009-4-17 10:50
wuapi-msdax-64.dll	46 KB	FW 文件	2009-4-17 10:50
wuapi-msdax-64.dll	46 KB	FW 文件	2009-4-17 10:50

Browse onto download section of FrSky website:
<http://www.frsky-rc.com/download.asp?id=22>,
download and save the file named “Upgrade files
for two way telemetry system(V2)”, and unpack
the RAR file to a new directory (create a new
folder).







If fail in getting COM port number or UID number, please re-connect battery, upgrade lite and serial/USB cable and try again.

1) FrSky upgrade lite for receiver firmware upgrade is available right now.

3) Dealers will be provided with FrSky upgrade lite to carry out firmware upgrade for customers, however FrSky can not guarantee the dealers' service will be free of charge. Contact your dealer for information.