D878UV Firmware Update

	0	D87	8UV[[D878U	V:U	JHF{40	0 - 48	0 MHz} Vł	HF	{								
File Model Set Pro				rogram	n To	ol View	1	эm	ро	rt								
ł	File M	odel	Set	Progra	m	Tool	View		No.	Receive	Transmit	Channel Type	Power	Band	CTCSS/DCS	CTCSSIDCS		Channel Name
1				S-+ CO		-		E- Public	1	144.39000	144.39000	A-Analog	High	25K	Of	Of		aAPRS 144.39
				Set CO	VI			Zone	2	476.01250	476.01250	A-Analog	High	25K	Of	Off		aLCWC Central
							- Scan List	3	446.47500	441.47500	A-Analog	High	25K	114.8	114.8		aN3FY1446_475	
	D878UV Set Initialization					tation		- Roaming Zone	4	147.01500	147.61500	A-Analog	High	25K	118.8	118.8		aRRRA 147_015
1								E EM	5	145.23000	144.63000	A-Analog	High	25K	118.8	118.8		aSPARC 145_230
1	- Public							- Auto Report Ofset Freque	7	143.33000	144.73000	ArAnalog	riyn	ZJN	110.0	110.0		8110HD 140_000
	Channel						1	- Roaming Channel	8	440,00000	440.00000	D-Digital	High	12.5K	Of	Of		Simplex 99
	Channel						-	- Basic information	9									
7000							2	Alarm Seting	10	449.27500	444.27500	O Dinital	High	12.5K	Of	Of		Buck 029 N6DMR
Zone							-	- Local Information	11	449.27500	444,27500	D-Digital	1.5	12.5K	01 💽	Communication	Setting	XMR
Scon List							3	- Hot Key	12	449.27500	444.27500	D-Digital	High	12.5K	01		0	_
- Ocali List								APRS	13	449.27500	444.27500	D-Digital	High	12.5K			Collin Pol	
							4	⊛ Digital	14	443.27500	444.27500	D-Digital	High	12.5K	Of	COM6		<u>AI</u>
Frodining Lone						E		16	449.27500	444.27500	D-Digital	High	12.5K	Of	COND		429	
FM J						2	1.1	17	449.27500	444.27500	D-Digital	High	12.5K	Of			9	
		1	o'un i min	g Lono					18	449.27500	444.27500	D-Digital	High	12.5K	Of	1		10
									19	449.27500	444.27500	D-Digital	High	12.5K	Of			12
FM								20	449.27500	444.27500	D-Digital	High	12.5K	Of	ov I		13	
									21	449.27500	444.27500	D-Digital	High	12.5K	Of _	24		anua 14
									22	449.2/500	444.2/500 AAA 27500	D-Digital	High	12.5K	01	Of		BUCK TAC 315

2. Use the PC cable to connect PC and radio

3. Please always <u>Turn OFF</u> the <u>GPS</u> and <u>APRS</u> in the radio menu before any update to prevent the radio from going into TX when connected to PC, **as it may cause the CPU or memory IC damage.**

4. Hold pressing down the PTT key and PF3 key (top alarm key) at the same time, power on radio, the red LED will begin blinking.



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5. In CPS ->Tool -> Firmware and Icon Update, choose "Open Update File" and select the FW or Icon SPI file you want to update to:

	Recon	đ			
0678UV	Import Export			Channel Type	
E Public					On an Lindata File
Channel	Mode			A-Aralog	Open Opdate File
Zone	e)(ten	deđ	0.201	Acastalog	File Name
Scan List	Firms	are and Icon Up	date	A-Analog	File Name
- Noaming zone	Boet I	mage		A-Analog	Model
Auto Descenter Officet Energy	Defau	it Channel Infor	mation	A-Analog	
Reamine Channel	Option	ns			Version
- Basic information	Stand	by BK Picture		D-Digital	
- Optional Setting	export	Data Conversio	n File		Encrypt
Alarm Seting	10	449,21000	444.21300	D-Digital	
Local Information	. 11	449.27500	444.27500	D-Digital	Com Port 🔽 Dup
- Hot Key	12	449.27500	444.27500	D-Digital	
APRS	13	449.27500	444.27500	D-Digital	Com Speed 921600 -
E Dotal	14 449,27500 444,27500			D-Digital	
Ti Assing	15	449.27500	444,27500	D-Digital	
	16	449.27500	444 27500	D-Digital	Write
		1000 000000	ALC: NOTION OF	The second second	

6. Click Open Update File and choose appropriate SPI file:



a.)For FW Update use the SPI file from the <u>FW Update Folder</u>

Note: For Icon Update please see separate Icon Update Instructions

7. Click Write to update the radio to the latest firmware. After the Firmware update, the radio should return to normal display on screen.

8. Reboot the radio MCU as described below when the FW update is finished

Important Notice: Please make sure the codeplug is saved to PC before you Complete the MCU update and reset.

9.) Rebooting the MCU (radio reset)

After updating the firmware, you need to reset to the radio Main Control Unit (MCU) as follows:

- a.) Power off the radio first.
- b.) Then while holding down the PTT and the PF1 button down at the same time, Power the radio ON
- *** Please Wait and do not turn the radio off while it restarts ***
 - c.) The radio will start up and the display will show :



*** Select the Green menu key to confirm the MCU Reboot / Initialization ***

- d.) After the MCU reboot is confirmed, you will have to set the time zone, date and time and information as follows:
 - Use the P1 key to scroll or navigate through the GMT date / time fields
 - Note the active field for data set will be shown in **Red** text
 - Up and Down arrow keys will allow you to change the information in the fields
 - AFTER you have all the correct information entered, use the <u>Green</u> menu key to confirm the settings and the radio will restart.



e.) You will now have to reload your saved code plug as the final step