

# DuraFon UHF Programming Instructions





#### **Items Needed**

- Cable: USB 2.0 A-Male to Micro B.
- Programming Software:
  - Must be version 1.06 or higher.
  - Download it here: <u>https://www.dropbox.com/sh/tjjr96p44hy6j3</u> <u>m/AAC\_0BbLGdL5mQ-oAsWLGOFfa?dI=0</u>
  - Handset Firmware:
  - Must be v1.03 or higher!
  - To check firmware, press Menu, star, star, pound, (00 for base), then 1 (SW VER). HS-MCU: 1.03 or higher.
  - If firmware is older, upgrade the handset by downloading this program and file: <u>https://www.dropbox.com/sh/kqn0agv4bgkwk</u> <u>3z/AAA-YwGv2WjypfDivEM0-mKfa?dl=0</u>



.06	06/08/2017	
Wa	Ikie Talkie	
ort	Select COM Port	
	Connect	
	.06 Wa	.06 06/08/2017 Walkie Talkie ort Select COM Port Connect





### Required to bring to version 1.03 or later





 Step 1 – Connect USB cable from the DuraFon-UHF handset to the PC and turn on handset.





 Step 2 – Start the Firmware upgrade program (use version 1.02 or higher).

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G - UHF Prog	ramming		<b>-</b> ↓	Search UHF Prog	ramming	9
Organize 🔹 🖻 Open	Share with 👻 Burn New folder				•	0
🚖 Favorites	Name	Date modified	Туре	Size		
📕 Desktop	😵 Firmware Update App V1.02.exe	8/10/2016 1:59 PM	Application	159 KB		
🔈 Downloads	📄 radio.txt	6/8/2017 4:41 PM	Text Document	1 KB		
left ConeDrive	i test1.txt	6/13/2017 3:58 PM	Text Document	1 KB		
Secent Places	WalkieSettingTool V1.06_2017_06_08_R99.exe	6/8/2017 1:59 PM	Application	116 KB		
<ul> <li>Libraries</li> <li>Documents</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> </ul>						
Network						



 Step 3 – Click "Open" to select the firmware file (.hxf file)





 Step 4 – Click "Connect" and the "Waiting Device Boot" will appear. Now using the volume knob on the radio, turn the radio off and back on.

🔮 EnGenius	
Firmware Upgrade Tool	s V1.02
File Selection 2017.01.19_SPR-922U1_US_ Open	HS_V1.03_r1073_0xl
Com Port Select	
Device Boot Load Information	
Boot Load Version :	
Update Code Waiting Device Boot	
Total download time	100%
Connect Disconne	Exit



 Step 5 – Using the volume knob on the handset, turn the handset off and back on. The firmware upgrade process should start.







 When complete, the handset will automatically restart and go back to the normal screen.



🔮 EnGenius	
Firmware Upgrade Tools	v1.02
File Selection 2017.01.19_SPR-922U1_US_H Open	HS_V1.03_r1073_0xl
Com Port Select	
COM5 -	
Device Boot Load Information	
Boot Load Version :	
Update Code Finished	
Total download time : 73 (Se	c) 100%
Connect Disconne	Exit



 When complete, the handset will automatically restart and go back to the normal screen.



🔮 EnGenius	
Firmware Upgrade Tools	v1.02
File Selection 2017.01.19_SPR-922U1_US_H Open	HS_V1.03_r1073_0xl
Com Port Select	
COM5 -	
Device Boot Load Information	
Boot Load Version :	
Update Code Finished	
Total download time : 73 (Se	c) 100%
Connect Disconne	Exit



## Programming Custom Frequencies in the DuraFon-UHF Handset





 Step 1 – Connect USB cable from the DuraFon-UHF handset to the PC and turn on handset.





 Step 2 – Start the Programming Tool program (v 1.06 or higher)

Organize 🕶 🖻 Ope	n Share with 🔻	Burn New folder				•	0
🚖 Favorites	Name	*	Date modified	Туре	Size		
💻 Desktop 🝌 Downloads	radio.txt		6/8/2017 4:41 PM	Text Document	1 KB 1 KB		
OneDrive Recent Places	WalkieSettin	gTool V1.06_2017_06_08_R99.exe Dpen File - Security Warning	6/8/2017 1:59 PM	Application	116 KB		
<ul> <li>Libraries</li> <li>Documents</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> </ul>		Name:      ogramming\WalkieSett         Publisher:       Unknown Publisher         Type:       Application         From:       C:\Users\Daniel\Desktop	you sure you want to run this tingTool V1.06_2017_06_08_R99.exe >\UHF Programming\WalkieSettin				
ika Computer			Run Cancel				
Network		Image: Always ask before opening this file         Image: Always ask before opening thiteration thiteration thiteration thiteration thiterati	signature that verifies its publisher. lishers you trust. <u>How can l</u>				



 Step 3 – In "Basic Setting" Select COM Port and Click "Connect"

P SNTool V1.06 06/08/2017		
Basic Setting Walkie Talkie		 HsInforWindow
ComPort Select COM Port COM6 Connect		
Disconnect		
		-



 Step 4 – After Clicking "Connect" data should start showing on the right, denoting successful communication between handset and PC.

	Specification.	Angend.		X
Basic Setting Walkie Talkie			HsInforWindow	
ComPort COM6			R-03:11:909 t 21 84 0000 R-03:13:604 t 21 84 0000 R-03:15:303 t 21 84 0000 R-03:17:004 t 21 84 0000 R-03:18:706 t 21 84 0000 R-03:20:426 t 21 84 0000	*
Disconnect				
				-



 Step 5 – Click "Walkie Talkie" and then Select "Customize"

🥶 SNTool V1.06 06/08/2017	
Basic Setting Walkie Talkie	HsInforWindow
Frequency Mode:       Image: Customize         EnGenius default       Image: Customize         Customize       Image: Customize         Load Settings       Save Settings       Read Settings         Write Settings       Save Settings       Read Settings	in repeater operation)       R-05:07:448 t21 84 0000         R-05:09:144 t21 84 0000       R-05:09:144 t21 84 0000         R-05:10:842 t21 84 0000       R-05:12:585 t21 84 0000         R-05:15:975 t21 84 0000       R-05:15:975 t21 84 0000         R-05:17:670 t21 84 0000       R-05:19:365 t21 84 0000         R-05:27:66 t21 84 0000       R-05:21:068 t21 84 0000         R-05:22:766 t21 84 0000       R-05:22:766 t21 84 0000         R-05:22:766 t21 84 0000       R-05:22:786 t21 84 0000         R-05:22:564 t21 84 0000       R-05:32:59 t21 84 0000         R-05:32:59 t21 84 0000       R-05:34:50 t21 84 0000         R-05:36:345 t21 84 0000       R-05:36:345 t21 84 0000         R-05:36:345 t21 84 0000       R-05:36:345 t21 84 0000



 Step 6 – Build the frequency table by entering in all possible frequencies you want to use in the highlighted section.

P SNTool V1.06 06/08/2017		
Basic Setting Walkie Talkie		HslaforWindow
Frequency Mode: Customize	▼ Set Tx =Rx Frequency (uncheck for split frequencies used for repeater operation)	R-07:06:346 t 21 84 0000 R-07:08:044 t 21 84 0000 R-07:09:740 t 21 84 0000 R-07:11:466 t 21 84 0000 R-07:13:134 t 21 84 0000 R-07:14:829 t 21 84 0000 R-07:16:224 t 21 84 0000 R-07:18:224 t 21 84 0000 R-07:21:614 t 21 84 0000 R-07:23:309 t 21 84 0000 R-07:26:747 t 21 84 0000 R-07:26:747 t 21 84 0000 R-07:28:402 t 21 84 0000
	Load Table     Save Table     Read Table     Write Table       Edit Channel       Load Settings     Read Settings	R-07:30:108 t 21 84 0000 R-07:31:804 t 21 84 0000 R-07:33:499 t 21 84 0000 R-07:35:201 t 21 84 0000



 Step 7 – Now with all frequencies entered, click "Edit Channel"

🖳 SNT	ool V1.06 06/08/2017			
Basic S	etting Walkie Talkie		HslaforWindow	
Free	quency Mode: Customize  Frequency  464.5  469.5  462.3125  462.4  467.4  467.4  462.6125  467.6125	Set Tx =Rx Frequency (uncheck for split frequencies used for repeater operation)	Hsimorwindow           R-09:40:849 t 21 84 0000           R-09:42:547 t 21 84 0000           R-09:45:942 t 21 84 0000           R-09:45:942 t 21 84 0000           R-09:45:942 t 21 84 0000           R-09:49:336 t 21 84 0000           R-09:51:035 t 21 84 0000           R-09:52:730 t 21 84 0000           R-09:56:124 t 21 84 0000           R-09:56:124 t 21 84 0000           R-09:57:819 t 21 84 0000           R-09:59:547 t 21 84 0000           R-09:59:547 t 21 84 0000           R-09:59:547 t 21 84 0000           R-10:01:210 t 21 84 0000           R-10:02:915 t 21 84 0000	
j.e		Edit Channel Load Settings Read Settings	R-10:08:006121 84 0000 R-10:09:702 t 21 84 0000	



 Step 8 - Now program the 5 channels w/the available frequencies previously entered.
 Select "Disable" if not all channels are used.

🖳 SNTool	V1.06 06/08/20	)17				panets. Second		x
Basic Setti Freque	ng Walkie Talkie	e	•	✓ Set Tx =Rx Freque	ncy (uncheck for split freq	uencies used for repeater operation)	HsInforWindow R-11:56:657 t 21 84 0000 R-11:58:352 t 21 84 0000	•
	Frequency	Code Mode	Code Number	Scan			R-12:00:048 t21 84 0000 R-12:01:787 t21 84 0000 R-12:03:446 t21 84 0000 R-12:05:148 t21 84 0000	
<ul> <li>1</li> <li>2</li> </ul>	[1] 464.5 ▼ [1] 464.5 [2] 469.5	CTCSS CTCSS	<ul> <li>▼ [1] 67.0</li> <li>▼ [1] 67.0</li> </ul>	▼ Off ▼ ▼ Off ▼			R-12:06:850 t 21 84 0000 R-12:08:546 t 21 84 0000 R-12:10:245 t 21 84 0000 R-12:11:943 t 21 84 0000	
4	[5] 462.5125 [4] 462.4 [5] 467.4 [6] 462.6125	CTCSS	<ul> <li>▼ [1] 67.0</li> <li>▼ [1] 67.0</li> <li>▼ [1] 67.0</li> </ul>	✓ Off     ✓			R-12:13:642 t 21 84 0000 R-12:15:337 t 21 84 0000 R-12:17:067 t 21 84 0000 R-12:18:732 t 21 84 0000	
	I[/] 467.6125						R-12:20:428 t 21 84 0000 R-12:22:124 t 21 84 0000 R-12:23:823 t 21 84 0000 R-12:25:518 t 21 84 0000	=
						Edit FreqTable		
			Load	Settings Save Sett	ings Read Settings	Write Settings		

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 Step 9 – If you need split frequencies for repeater operation, uncheck the "Set Tx=Rx Frequency" box.

e s	NTool	V1.06 06/08/20	017								panet in.	designed			X	
Das	Freque	ncy Mode: Cust	omi	ze		-	Set	Tx =Rx Freque	nc	cy (uncheck for split free	uencies used for repeater	operation)	F F	HsInforWindow R-14:19:399 t 21 84 0000 R-14:21:147 t 21 84 0000 R-14:22:793 t 21 84 0000	*	
		Tx Freq.		Rx Freq.		Code Mode		Code Number		Scan			F	R-14:24:507 t 21 84 0000 R-14:26:203 t 21 84 0000		
	► 1	[1] 464.5	-	[1] 464.5	-	CTCSS	-	[1] 67.0 🔻		Off 🔻			F	R-14:29:596 t 21 84 0000		
	2	[2] 469.5	-	[2] 469.5	-	CTCSS	-	[1] 67.0 🔻		Off 🔻			F	R-14:31:292 t 21 84 0000 R-14:32:987 t 21 84 0000		
	3	[3] 462.3125	-	[3] 462.3125	-	CTCSS	-	[1] 67.0 🔻		Off 🔹			F	R-14:34:682 t 21 84 0000 R-14:36:427 t 21 84 0000		
	4	[4] 462.4	-	[4] 462.4	-	CTCSS	-	[1] 67.0 🔻		Off <			F	R-14:38:074 t 21 84 0000		
	5	[5] 467.4	-	[5] 467.4	-	CTCSS	-	[1] 67.0 🔻		Off 🔻			F	R-14:41:482 t 21 84 0000		
													F	R-14:44:876 t 21 84 0000 R-14:46:572 t 21 84 0000 R-14:46:572 t 21 84 0000 R-14:48:267 t 21 84 0000	III +	]
											Edit FreqTable					
					[	Load Settir	ngs	Save Sett	in	Read Settings	Write Settings					



Step 10 – Set the privacy code type for the channels.

SNToo	V1.06 06/08/2	2017													
Basic Setti	ng Walkie Tal	kie												HsInforWindow	4
Freque	ency Mode: Cu	stomi	ze		•	Set	Tx =Rx Frequen	cy (und	heck f	or split free	uencies used for rep	peater operation)	R-00:43:486 t R-00:45:227 t R-00:46:882 t	21 84 0000 21 84 0000 21 84 0000 21 84 0000	
	Tx Freq.		Rx Freq.		Code Mode		Code Number	Scan					R-00:48:592 t R-00:50:290 t R-00:51:986 t	21 84 0000 21 84 0000 21 84 0000	
▶ 1	[1] 464.5	-	[2] 469.5	-	CTCSS	-	[1] 67.0 🔻	Off		•			R-00:53:682 t	21 84 0000	
2	[2] 469.5	-	[2] 469.5	-	SPEECH		[1] 67.0 🔻	Off		•			R-00:55:3771 R-00:57:072 t	21 84 0000	
3	[3] 462.3125	, –	[3] 462.3125	-	CDCSS	_	[1] 67.0 🔻	Off		•			R-00:58:767 t R-01:00:507 t	21 84 0000 21 84 0000	
4	[4] 462.4	-	[4] 462.4	-	CTCSS	-	[1] 67.0 🔻	Off		•			R-00:06:250 t	21 84 0000	
5	[5] 467.4	-	[5] 467.4	-	CTCSS	-	[1] 67.0 🔻	Off		•			R-00:09:676 t	21 84 0000	
					Load Sett	ings	Save Settin	ngs	Read	d Settings	Edit FreqTable Write Settings		R-00:13:113 t R-00:14:875 t R-00:16:574 t	21 84 0000 21 84 0000 21 84 0000 21 84 0000	T
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 Step 11 – Set the CTCSS (PL) tone or CDCSS (DCS) tone desired for the channels.

SNT	ool	V1.06 06/08/20	)17									Second Sec.
sic S	Setti	ng Walkie Talki	e									
Fre	que	ncy Mode: Cust	omiz	ze		•	Set	Tx =Rx Frequer	псу	y (uncheck fo	or sp	olit frequencies used for repea
		Tx Freq.		Rx Freq.		Code Mode		Code Number		Scan		
•	1	[1] 464.5	•	[2] 469.5	•	CTCSS	•	[1] 67.0 Hz 🔻	0	Off	•	
	2	[2] 469.5	-	[2] 469.5	•	CTCSS	-	[1] 67.0 Hz	0	Off	•	
	3	[3] 462.3125	-	[3] 462.3125	•	CTCSS	•	[3] 74.4 Hz	0	Off	•	
	4	[4] 462.4	•	[4] 462.4	•	CTCSS	•	[4] 77.0 Hz [5] 79.7 Hz	0	Off	•	
	5	[5] 467.4	•	[5] 467.4	•	CTCSS	-	[6] 82.5 Hz	C	Off	-	
		under de la constantin de						[8] 88.5 Hz	ſ			
								[9] 91.5 Hz [10] 94.8 Hz	ŀ			
SNT	ool	V1.06 06/08/20	017									Same in.
sic S	Setti	ng Walkie Talki	e									
Fre	que	ncy Mode: Cus	tomi	ze		•	Se	Tx =Rx Freque	en	icy (uncheck	for	split frequencies used for rep
		Tx Freq.		Rx Freq.		Code Mode		Code Number		Scan		
•	1	[1] 464.5	•	[2] 469.5	-	CDCSS	-	[1] 023	-	Off	•	
	2	[2] 469.5	-	[2] 469.5	-	CTCSS	-	[1] 023	•	Off	-	
	3	[3] 462.3125	-	[3] 462.3125	-	CTCSS	-	[3] 026		Off	•	
	4	[4] 462.4	-	[4] 462.4	-	CTCSS	-	[4] 031 [5] 032		Off	-	
	5	[5] 467.4	-	[5] 467.4	-	CTCSS	-	[6] 036	Ξ	Off	-	
				IN.		I.K.		[8] 047				
1												



 Step 12 – If the radio is on a channel with scan enabled, it will scan between all channels. If the radio is set to a channel that has scanning off, it will not scan (i.e. stays on that channel)

NTo	ol \ tting	/1.06 06/08/20 g Walkie Talki	017 e							HsInforWindow	
Freq	uen	cy Mode: Cust	omiz	e		▼ Set	t Tx =Rx Frequency (u	ncheck for split fre	quencies used for repeater operation)	R-03:28:420 t 21 84 0000 R-03:30:157 t 21 84 0000 R-03:31:81 t 21 84 0000	^
		Tx Freq.		Rx Freq.		Code Mode	Code Sca	n		R-03:33:518 t 21 84 0000 R-03:33:518 t 21 84 0000 R-03:35:213 t 21 84 0000	
•	1	[1] 464.5	-	[2] 469.5	-	CDCSS -	· [8] 047 🔻 Off	-		R-03:38:607 t 21 84 0000	
-	2	[2] 469.5	-	[2] 469.5	-	CTCSS -	[1] 67.0 🔻 Off			R-03:40:302 t 21 84 0000 R-03:41:997 t 21 84 0000	
i	3	[3] 462.3125	-	[3] 462.3125	-	CTCSS -	[1] 67.0 🔻 Off	•		R-03:43:696 t 21 84 0000 R-03:45:437 t 21 84 0000	
	4	[4] 462.4	-	[4] 462.4	-	CTCSS -	[1] 67.0 🔻 Off	•		R-03:47:087t21840000	
	5	[5] 467.4	-	[5] 467.4	-	CTCSS -	[1] 67.0 🔻 Off	-		R-03:50:496 t 21 84 0000	
										R-03:53:894 t21 84 0000 R-03:55:592 t21 84 0000 R-03:57:288 t21 84 0000	[
									Edit FreqTable		
						Load Settings	Save Settings	Read Settings	Write Settings		



 Step 13 – Use the "Read Settings" button to pull existing programming configuration from any DuraFon-UHF handset.

🖳 S	NToo	V1.06 06/08/20	017	-	• •			Taxa Salar							
Basi	c Setti	ng Walkie Talki	е										HsInforWindow		
F	Freque	ency Mode: Cust	omi	ze		▼ <b></b>	Set	Tx =Rx Freque	no	cy (uncheck f	for s	equencies used for repeater operation)	R-00:00:515 !Buffer full,F102 R-00:00:515 !Buffer full,F101 R-00:00:525 !Buffer full,F101	*	
		Tx Freq.		Rx Freq.		Code Mode		Code Number		Scan			R-00:00:535 !Buffer full,F101 R-00:00:545 !Buffer full,F101 B-00:00:555 !Buffer full F101		
	▶ 1	[1] 464.5	-	[2] 469.5	•	CDCSS	•	[8] 047	•	Off	•		R-00:00:565 !Buffer full,F102 P-00:01:159 e922rpeStart		
	2	[2] 469.5	•	[2] 469.5	-	CTCSS	•	[1] 67.0 🔻		Off	•		R-00:01:200 t 21 84 0000		
	3	[3] 462.3125	•	[3] 462.3125	-	CTCSS	•	[1] 67.0 🔻	ļ	Off	•		R-00:01:248 r 22 CA 0001		
	4	[4] 462.4	•	[4] 462.4	•	CTCSS	•	[1] 67.0 🔻	1	Off	•		R-00:01:352 t 21 84 0000 R-00:02:958 t 21 84 0000		
	5	[5] 467.4	•	[5] 467.4	•	CTCSS	•	[1] 67.0 🔻		Off	•		R-00:04:657 t 21 84 0000 R-00:06:353 t 21 84 0000		
													R-00:08:051 t 21 84 0000 R-00:09:770 t 21 84 0000	=	
R-00/09:7/012184 ( R-00:11:44612184 (														<b>.</b>	
	Edit FreqTable														
	Load Settings Save Settings Write Settings Write Settings														
					U										
										6	2	1_2017			-



 Step 14a – Once all info is entered you can "Save Settings" as a .txt file that you can refer to at a later time.

<b>-</b>	NToo	V1.06 06/08/	2017	in the second	•	-		Tana Salah				<u> </u>
Bas	sic Set	ting Walkie Ta	kie								HslaforWindow	
	Frequ	ency Mode: Cu	storr	ize		• S	et	Tx =Rx Freque	enc	cy (uncheck for	equencies used for repeater operation) R-03:40:331 t 21 84 0000 R-03:42:027 t 21 84 0000 R-03:43:726 t 21 84 0000	•
		Tx Freq.		Rx Freq.		Code Mode		Code Number		Scan	R-03:45:421 t 21 84 0000 R-03:47:116 t 21 84 0000 R-03:48 811 t 21 84 0000	
	•	[1] 464.5	•	[2] 469.5	-	CDCSS	•	[8] 047	-	Off 🔻	R-03:50:507 t 21 84 0000	
	2	[2] 469.5	-	[2] 469.5	-	CTCSS	•	[1] 67.0 🖪	-	Off 🔻	R-03:52:25112184 0000 R-03:53:898 t 21 84 0000	
	3	[3] 462.312	5 -	[3] 462.3125	-	CTCSS	•	[1] 67.0	-	Off 💌	R-03:55:611 t 21 84 0000 R-03:57:307 t 21 84 0000	
	4	[4] 462.4	-	[4] 462.4	-	CTCSS	•	[1] 67.0	-	Off 💌	R-03:59:002 t 21 84 0000	
	E	[5] 467.4		[5] 467.4	-	CTCSS	•	[1] 67.0	-	Off 💌	R-04:00:598 t 21 84 0000 R-04:02:393 t 21 84 0000	
						Load Setting	gs	Save Set	tin	ngs. Read S	R-04:04:088 t21 84 0000           R-04:05:784 t21 84 0000           R-04:05:784 t21 84 0000           R-04:09:174 t21 84 0000           8           Write Settings	*



• Step 14b – To use a saved file, click "Load Settings" and click the .txt file you want to use.

oun	g waikie raiki	e									HsInforWindow	
que	ncy Mode: Cust	omia	ze		▼ ■ €	Set	Tx =Rx Free	quen	cy (unched	k for sp	R-00:47:323 t21 84 0000           operation)         R-00:49:041 t21 84 0000           R-00:06:075121 84 0000	
	Tx Freq.		Rx Freq.		Code Mode		Code Number		Scan		R-00:52:466 t 21 84 0000 R-00:54:182 t 21 84 0000 R-00:55:946 t 21 84 0000	
1	[1] 464.5	-	[5] 469.5	•	CDCSS	•	[16] 074	-	Off	-	R-00:57:604 t 21 84 0000	
2	[2] 464.25	-	[2] 464.25	-	CTCSS	•	[12] 100	-	Off	-	R-00:59:318 t 21 84 0000 R-01:01:027 t 21 84 0000	
3	[3] 464.75	-	[3] 464.75	-	CTCSS	-	[12] 100	-	Off	-	R-01:02:736 t 21 84 0000 R-01:04:446 t 21 84 0000	
4	[4] 464.85	-	[4] 464.85	-	CTCSS	•	[12] 100	-	Off	-	R-01:06:167 t 21 84 0000	
5	[6] 462.5125	-	[7] 467.5125	-	CDCSS	-	[8] 047	-	Off	-	R-01:07:884 t 21 84 0000 R-01:09:606 t 21 84 0000	
											R-01:13:065 t21 84 0000 R-01:14:747 t21 84 0000 R-01:16:453 t21 84 0000	
				[	Load Settin	gs	Save S	Setti	ngs R	ead Se		

						X
G - L + UHF Proc	gramming		- 4 <sub>7</sub>	Search UHF Pro	gramming	Q
Organize 🔹 🔊 Open	▼ Share with ▼ Print Burn New folder			8==	•	0
⊿ 🚖 Favorites	Name	Date modified	Туре	Size		
📃 Desktop	adio.txt	6/8/2017 4:41 PM	Text Document	1 KB		
🐌 Downloads	test1.txt	6/13/2017 3:58 PM	Text Document	1 KB		
OneDrive	WalkieSettingTool V1.06_2017_06_08_R99.exe	6/8/2017 1:59 PM	Application	116 KB		
laces Recent Places						
4 🥞 Libraries						
Documents						
De Jacobie Music						
Pictures						
D 🦉 Videos						
> 🍇 Computer						
Detwork						



 Step 15 – Send the configuration to the radio. When done setting parameters for all channels, click "Write Settings". The "Set Finished!!" prompt will come up when complete. Click "OK". The radio will then power cycle.

Basic Setting       Walkie Talkie       HshnforWi         Frequency Mode:       Customize       Image: Set Tx =Rx Frequency (uncheck for split frequencies used for repeater operation)       T-7802105161030D0A       R-ACK         T x Freq.       Rx Freq.       Code       Number       Scan       R-ACK       T-78081204050501010100200       R-ACK         1       [1] 464.5       I [2] 469.5       CDCSS       I [8] 047       Off       Image: Code       R-ACK       T-78081203040401010100200       R-ACK       T-78081203040401010100200       R-ACK       T-78081203040401010100200       R-ACK       T-78081203040401010100200       T-78081203040401010100200       T-7808120303040401010100200       T-7808120303040401010100200       T-7808120203030101010100       T-7808120203030101010100       T-7808120203030101010100       T-7808120203030101010100       T-7808120203030101010100       T-7808120203030101010100       T-7808120203030101010100       T-78081202030301010100100       R-ACK       T-78081202030301010100100       R-ACK       T-7808120203030101010100       R-ACK       T-780812002030301010100100       R-ACK       T-780812002030301010100100       R-ACK       T-780812002030301010100100       R-ACK       T-780812002030301010100100       R-ACK       T-780812002030301010100100       R-ACK       T-780812002030301010100100       R-ACK       T-78081200203030101001000       R-ACK       T-7808120000200	
Frequency Mode:       Customize       Set Tx =Rx Frequency (uncheck for split frequencies used for repeater operation)         Tx Freq.       Rx Freq.       Code Mode       Number       Scan         1       111464.5       121469.5       CDCSS       181047       Off       Tr38081204050501010100230         2       121469.5       CTCSS       11167.0       Off       Tr38081203040401010100200         3       131462.3125       CTCSS       11167.0       Off       Tr38081203040401010100200         4       141462.4       CTCSS       11167.0       Off       Tr38081203040401010100200         5       151467.4       151467.4       CTCSS       11167.0       Off         6       Set Finished!!       Set Finished!!       Tr380812030010100100	w
Tx Freq.       Rx Freq.       Code Mode       Code Number       Scan       R-ACK         1       11       464.5 <ul> <li>[2] 469.5</li> <li>[3] 462.3125</li> <li>[3] 462.3125</li> <li>[3] 462.4</li> <li>[4] 462.4</li> <li>[4] 462.4</li> <li>[5] 467.4</li> <li>[5] 467.4</li> <li>[5] 467.4</li> <li>[5] 467.4</li> <li>[5] 467.4</li> <li>[5] 467.4</li> <li>[1] 67.0</li> <li>[1] 6</li></ul>	*
1       11       464.5       •       [2] 469.5       •       CDCSS       •       [8] 047       •       Off       •         2       [2] 469.5       •       [2] 469.5       •       CTCSS       •       [1] 67.0       •       Off       •         3       [3] 462.3125       •       [1] 67.0       •       Off       • <td< td=""><td>0A</td></td<>	0A
2 [2] 469.5 V [2] 469.5 V CTCSS V [1] 67.0 V Off V 3 [3] 462.3125 CTCSS V [1] 67.0 V Off Information A 4 [4] 462.4 V [5] 467.4 CTCSS V [1] 67.0 V Off Information A 5 [5] 467.4 V [5] 467.4 CTCSS V [1] 67.0 V Off Information A Set Finished!!	0A
3       [3] 462.3125       • [1] 67.0       • Off       Information       T-7808120203030101001D0         4       [4] 462.4       • [1] 67.0       • Off       Information       T-780812020303010101001D0         5       [5] 467.4       • [5] 467.4       • CTCSS       • [1] 67.0       • Off         Set Finished!!	0A
4 [4] 462.4 V [4] 462.4 CTCSS V [1] 67.0 V Off 5 [5] 467.4 CTCSS V [1] 67.0 V Off 5 [5] 467.4 CTCSS V [1] 67.0 V Off 5 Set Finished!! 5 Set Finished!!	0A
5 [5] 467.4 ▼ [5] 467.4 ▼ CTCSS ▼ [1] 67.0 ▼ Off Set Finished!! Set Finished!!	00
Image: Set Finished!!         1-780812010202010101001AC           R-ACK         T-78081200010202080100200           R-ACK         T-78081200010202080100200	=
Load Settings Save Settings Write Settings	DA T



 Step 16 – Power cycle the handset to make changes active by using the volume knob to turn off and on the handset. Programming is now complete.



- Final Notes
  - It is recommended that you verify with either another radio or testing tool to confirm the settings you entered in the radio are correct.
  - For further support call 714-432-8668
     or email support@engeniustech.com



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