

RPS-985 Programming Software for the Tonfa UV-985

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1		nple.UV985 ×																•
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	Frequency	Frequency Freque	ency Direction	Mode	Name Tone Mo		01033		DCS Polarity	Power	Add	Busy Lock	PTT ID	Code		Comment		
0	146.55500	146,50000	Simplex	FM	None	67.0 Hz	67.0 Hz	23 23	B Both N	High	Scan		Off	1		1		
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13		Memory	/ Types				<u> </u>			~								
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16	155.56250	Managerian		FM Narrow	None	67.0 H	Name			Bus	y Locł	<						
17	155.56875	Memories	5	FM Narrow	None	67.0 H	Tone M	lodo		PTT				-				
18	155.57500 155.58125	VFO		FM Narrow FM Narrow	None	67.0 H 67.0 H	TOHE IV	loue		FII	ID.							
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22	155.60000	155.60000	Simplex	FM Narrow	None	67.0 H	Rx CT(CSS		Com	iment							
23	155.60625	155.60625	Simplex	FM Narrow	None	67.0 H				5011								
24	155.61250	155,67250	Simplex	FM Narrow	None	67.0 Hz	67.0 Hz	23 23	B Both N	High	Scan		Off	1				
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14 4	Memor	ries VFO									•							
Ready																	CAP NUM	SCRL

The RPS-985 Programmer is designed to give you the ease and convenience of programming the memories and set menu options of your radio from your PC.

Memory Channels Include:

- 128 Memory Channels
- 2 VFO Channels

Other Menu Item Categories Include:

Common

The Programmer Is for so Much More than Just Memory Management. With the RPS-985 Programmer you can begin a new "factory fresh" file into which frequencies and option settings are entered. Or, you can read from the radio, store these details on your computer and make changes. Then, with minimal button pushing, send the new configuration back to the radio.

The Programmer allows you to create and save as many files as you want for your radio. Files can even be shared between users via email or the Internet.

Managing all the options of this radio becomes easy with the Programmer. The cut, copy, paste and insert features of the Programmer make channel management easier than ever.

Open more than one file at a time. Memory channel information can be copied from one file to another within the Programmer making it really easy to set up a new file.





Hardware Requirements:

A PC running Windows XP (SP3), Vista, Windows 7 (32 or 64 bit) or Windows 8 or 8.1 (full version). CD drive for installation. Local USB port and RT Systems USB-K4Y interface cable. The cable connects the radio to the computer from the USB port on the computer to the Speaker/Mic jack on the radio.



RPS-985 Programming Software **Memory Types**

	UV-985 Program	mer - UV-985 Sample.UV985		- 🗆 🗙
<u>File Edit Communications Settings Window H</u> elp				
UV-985 Sample.UV985 X Receive Transmit Offset Operating - </th <th>D., D.,</th> <th>DCS Tx cr DTT D Sig</th> <th></th> <th>-</th>	D., D.,	DCS Tx cr DTT D Sig		-
Frequency Frequency Direction Mode Tone Mode CTCSS C		DCS Tx Step PTT ID Sig Polarity Power Step PTT ID Co coth N V High V 20 kHz V Off V 1	de Comment	
		oth N High 20 kHz Off 1		
		u nctions o right)		
Receive	e Frequency	DCS		
Transm	nit Frequency	Rx DCS		
Offset F	Frequency	DCS Polarity		
Offset [Direction	Tx Power		
Operati	ing Mode	Step		
Tone M	lode	PTT ID		
CTCSS		Signal Code		
Rx CTC	CSS	Comment		
Ready Memories VFD				CAP NUM SCRL
				CAP NOM SCR

VFO

The program makes available the same VFOs as in the radio (usually one per band). Remember these are not real memory channels since the details are lost as soon as you tune the radio manually. There is no one button recall for these. You do not need to program into VFO before programming details into a memory channel. These channels are preprogrammed in the radio and while the frequency can be changed to another within the band, they cannot be left blank.





RPS-985 Programming Software **Radio Option Setting Screens**

Ele Tabs Help Common Auto Lock Battey Save Scan Resume DTMF Encode Dusy Channel Lockout Backlight (ABR) Squelch Level 2 11111 Ø Beep 13 Squelch Level 2 11111 Ø Menu in Channel Mode 5 seconds Squelch Level 3 22222 DTMF Speed Ø Menu in Channel Mode 5 seconds 3 2 211111 0 <th></th> <th></th> <th>Menu Settings for UV-985 - Untit</th> <th>led.rsf</th> <th>X</th>			Menu Settings for UV-985 - Untit	led.rsf	X
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Image: Second	Common				
Beep Image: Seep <	Auto Lock		Scan Resume	DTMF Encode	
Busy Channel Lockout Backlight (ABR) Squelch Level 2 11111 ✓ Menu in Channel Mode 5 seconds 3 3 3 22222 ✓ FM Radio Enabled Rx Backlight Time Out Timer 4 33333 0 0TMF Speed ○ Key Lock Blue © 60 secs 5 44444 80 ms 0 ○ Single Band Enable Tx Backlight Tx Dual Watch 6 55555 0ff 0ff 0ff 7 66666 0ff Time 80 ms 0 80 ms 0 0 0 0 9 98886 0 0ff Time 80 ms 0 0 0 0 9 9999 0 0 0 9 9999 0 0 0 0 9 9999 0 0 0 0 9 9999 0	🗹 Веер	1:3 🗸	Time 🗸	1 20202	
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Number of 120	Number of 128	Roger	VOX		
Channels 128 Off V Off V	Channels 120	Off 🗸	Off 🗸		

Common 1

Use these screens to customize other set menu features of the radio. Check boxes toggle features on or off, drop down menus list all selections and blank boxes for personalized entry add to the ease of setting up your radio exactly like you want it.

The entries on the Settings screens are made for you to "Set and Forget". Once settings are customized, you are prompted to save before exiting. The saved settings will be there every time you create a new frequency file.



RPS-985 Programming Software **Preferences – Version 4.50**

Pre	eferences											
	Grid Display	Memory Defaults	Font	Other								
	_	1			Mark the colur	mns to hi	de.					
	Freeze	1			Column		Hide	4	•			
				Transr	mit Frequency							
	Alt	ernate row			Frequency							
	1	A Row 1		Offset	Direction							
	2			Name								
				Tone N								
	4			CTCS								
				Rx CT	CSS							
	-	Fore Back		DCS								
				Tx Pov								
	_			-	Channel Lockout							
	Use Co	mbo for Check box		Skip								
				Clock :								
	Langua	ge:		Battery								
	English	ı 🔻		Comm	ient							
									-			
									_			
					ОК	C	ancel			Ap	ply	

Grid Display

- RT Systems now available in English, French, German, Italian, Spanish, Portuguese and Japanese.
- Set colors for text (Fore) or background (Back) of alternate rows for easier viewing across the columns.
- Freeze columns to keep information on the screen as you scroll to the right of the page.
- Hide columns you don't use. Customize your printout: hidden columns do not print.
- Use Combo for Check boxes changes the grid to eliminate check box selections that are disabled on some systems.

Preferences			
Grid Display Memory Defaults Font Other			_
	Offset Freque	ency Defaults	
Open last file when starting programmer.	HF	100 kHz	•
Check ShowName Automatically Convert Split offsets to standand Plus or	6m	500 kHz	•
Minus when avaliable.	2m	600 kHz	•
Disable CTCSS, DCS and other Tone columns according to the Tone Mode	1.25m	1.60 MHz	•
selection.	70cm	5.00 MHz	•
Add and Remove Offsets			
Offset			
1 100 kHz 2 500 kHz Remove			
3 600 kHz To add an offset			
4 1.00 MHz double click "END OF	LIST."		
	ОК	Cancel	Apply

Memory Defaults

• Set options to control auto fill information for memory channel entries.



Preferences Grid Display Memory Defaults Font Other
Eont Size: MS Sans Serif 8 MS Serif 10 MS Serif 10 MS DI Gothic 12 T MT Extra 12 O MViad Pro 14 O Mvriad Pro Cond 18 O Mvriad Pro Liaht 24 O Narkisim Niagara Engraved
O Niadara Solid
OK Cancel Apply

Font

• Set options to control the font in the column headers of the channel entry screens. Select any font and font size available on your computer.

Other

- Set options to control how the programmer handles the global Radio Menu Settings file.
 - Separate (default) handles the global settings of the radio in a "set and forget" fashion. Once you set these up and save the file you won't have to reset them for a new frequency file.
 - "Single file" gives you the ability to create files that are complete with frequencies and customized global settings. In this mode, each file begins with factory defaults for every option of the radio.
- Check "Get data from Radio" new file option to prevent data loss when you read from your radio into the programmer.
- Check "different window" option to make the programmer for a different radio run in completely separate window rather than in a separate tab of the same window.

Preferences
Grid Display Memory Defaults Font Other
Radio Menu Settings
Use Separate file for menu settings.
Keep menu settings and frequencies in a single file.
Open new file when needed for "Get Data From Radio".
Use different windows for each radio programmer.
OK Cancel Apply



Click here to learn more about using Preferences to customize your radio programming experience.