

The RPS-UV6R 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

**Other Menu Item Categories Include:**

- Common
- DTMF/MSK
- 2Tone/5Tone

***The Programmer Is for so Much More than Just Memory Management.***

With the RPS-UV6R 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 (6' cable length). The cable connects the radio to the computer from the USB port on the computer to the Speaker/Mic jack on the radio. Internet connection for update at end of software installation.

Menu Settings for TH-UV6R - Untitled.rsf

File Tabs Help

Common DTMF / MSK 2Tone / 5Tone

Battery Save     Dual Standby     Key Lock (Enable)     Voice Prompt  
 Beep     Dual Watch     Manual  
 Code Squelch Cancel     Key Lock (Auto)     Roger Tone

Band: VHF  
 LCD Color: Purple  
 Priority Scan: Edit  
 Squelch Level: 5  
 Display Mode: Frequency  
 LCD Display: Auto  
 Scan Mode: Time  
 Time Out Timer: Off

**Power On**  
 Message Type: Off  
 Message:   
**Optional Signaling**  
 Auto Reset Timer: 10 seconds  
 Digit Delay: 600 ms  
 Side Tone  
**FM Radio**  
 Channel: 1  

VFO	Rx Freq
1	76.00
2	
3	
4	
5	
6	
7	
8	
9	
10	

**PTT ID**  
 ANI  
 Type: DTMF  
 BOT:   
 EDT:   
**VOX**  
 Gain Level: 4  
 Delay Time: 1 second

**Common**

Use this screen 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.

Menu Settings for TH-UV6R - Untitled.rsf

File Tabs Help

Common DTMF / MSK 2Tone / 5Tone

**DTMF**

Call List	
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	

Signaling: Code Squelch  
 Intermediate Code: 0  
 Group Code: Off  
 Code Length: 80 ms

**MSK**

ID Code: 1234

Local Name:

Call List	
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	

**DTMF/MSK**

Enter DTMF memory details and MSK options for these functions of the radio.

Menu Settings for TH-UV6R - Untitled.rsfl

File | Tabs | Help

Common | DTMF / MSK | 2Tone / 5Tone

2Tone

Encode

	A Tone	B Tone
0	400.0	928.1
1		
2		
3		
4		
5		
6		
7		
8		
9		

Decode

	A Tone	B Tone	Group Call
0			
1			
2			
3			
4			
5			
6			
7			

First Tone Time: 0.5 seconds

Second Tone Time: 0.5 seconds

Interval Tone Time: 0.1 seconds

Long Tone Time: 1.0 seconds

5Tone

Decode

	Standard	ID
0	CCIR1	12345
1	CCIR2	12345
2	CCITT	12345
3	EEA	12345
4	EIA	12345
5	NATEL	12345
6	ZVEI1	12345
7	ZVEI2	12345

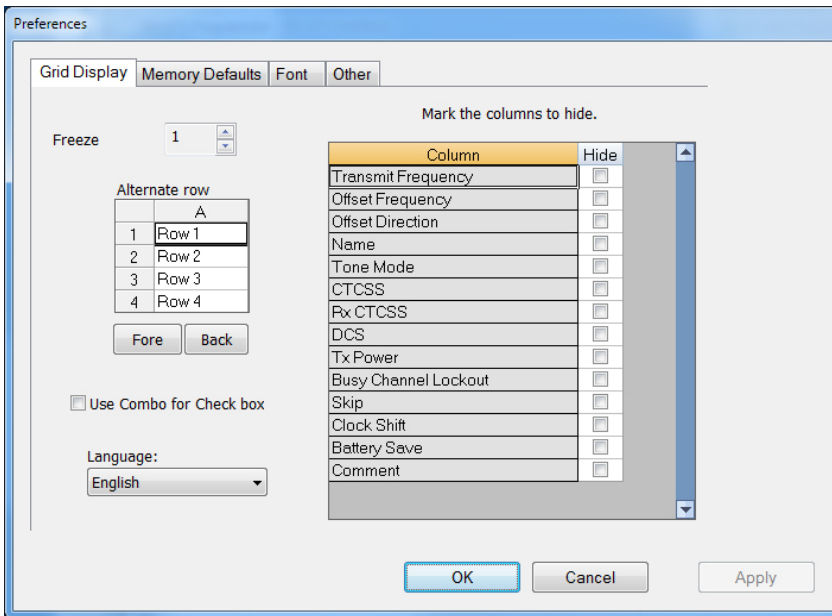
CCIR1

0	1981.0 Hz	8	1747.0 Hz
1	1124.0 Hz	9	1860.0 Hz
2	1197.0 Hz	A	2400.0 Hz
3	1275.0 Hz	B	930.0 Hz
4	1358.0 Hz	C	2247.0 Hz
5	1446.0 Hz	D	991.0 Hz
6	1540.0 Hz	E	2110.0 Hz
7	1640.0 Hz	F	0.0 Hz

Fix Digit: 0

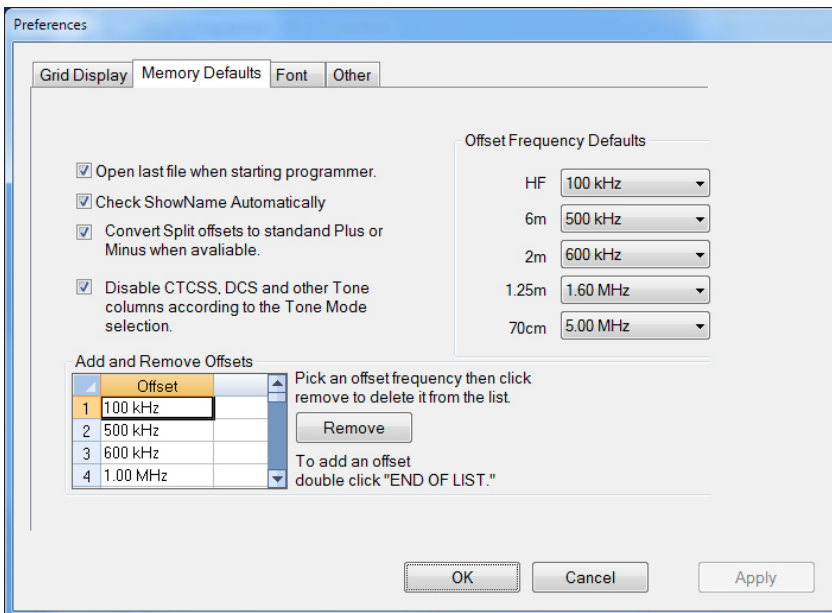
### 2Tone/5Tone

Set options for 2Tone and 5Tone paging systems.



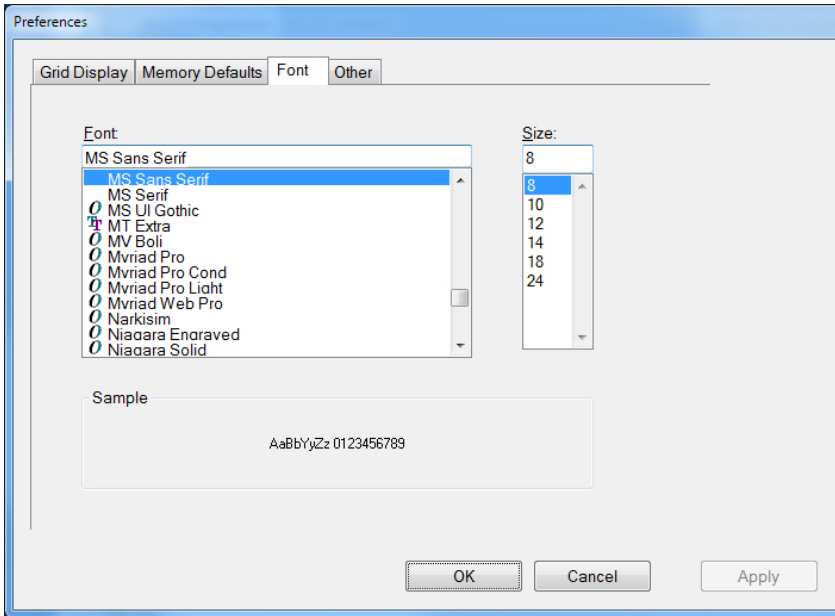
### Grid Display

- 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 print-out: hidden columns do not print.
- Use Combo for Check boxes – changes the grid to eliminate check box selections that are disabled on some systems.



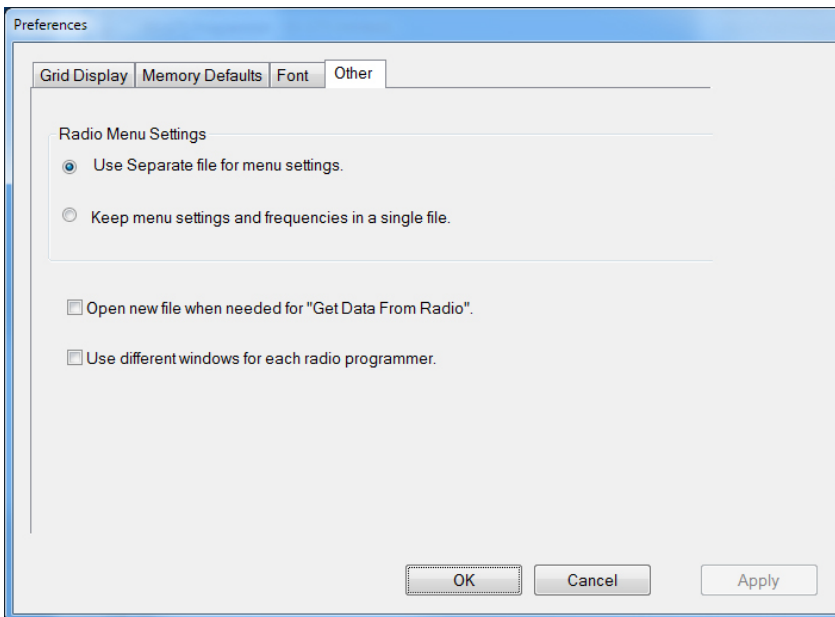
### Memory Defaults

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



### 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.

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