rtSYSTEMS
RADIO PROGRAMMING MADE EASY

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ADMS-2K Programming Software
for the Yaesu FT-7800

FT-7800 Programmer - FT-7800 Untitled1 *

File   Edit   Communications   Settings   Window   Help

FT-7800 Untitled1 *   ×

	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	DCS	Step	Clock Shift	Tx Power	Tx Narrow	Skip	Skip HM 2	Skip HM 3	Skip HM 4	Skip HM 5	Bank 1
1	144.00000	144.00000		Simplex	FM			None	100.0 Hz	023	5 kHz		High		Off	Off	Off	Off	Off	
2	144.01250	144.01250		Simplex	FM			None	100.0 Hz	023	5 kHz		High		Off	Off	Off	Off	Off	
3	144.02500	144.02500		Simplex	FM			None							Off	Off	Off	Off	Off	
4																				
5	430.01250	430.01250		Simplex	FM			None							Off	Off	Off	Off	Off	
6	430.02500	430.02500		Simplex	FM			None							Off	Off	Off	Off	Off	
7	430.03750	430.03750		Simplex	FM			None							Off	Off	Off	Off	Off	
8	430.05000	430.05000		Simplex	FM			None							Off	Off	Off	Off	Off	
9	430.06250	430.06250		Simplex	FM			None							Off	Off	Off	Off	Off	
10	430.07500	430.07500		Simplex	FM			None							Off	Off	Off	Off	Off	
11	430.08750	430.08750		Simplex	FM			None							Off	Off	Off	Off	Off	
12	430.10000	430.10000		Simplex	FM			None							Off	Off	Off	Off	Off	
13	430.11250	430.11250		Simplex	FM			None							Off	Off	Off	Off	Off	
14																				
15	850.00000	850.00000						None							Off	Off	Off	Off	Off	
16	850.01250	850.01250						None							Off	Off	Off	Off	Off	
17	850.02500	850.02500						None							Off	Off	Off	Off	Off	
18	850.03750	850.03750						None							Off	Off	Off	Off	Off	
19	850.05000	850.05000						None							Off	Off	Off	Off	Off	
20	850.06250	850.06250						None							Off	Off	Off	Off	Off	
21	850.07500	850.07500						None							Off	Off	Off	Off	Off	
22	850.08750	850.08750						None	100.0 Hz	023	20 kHz		High		Off	Off	Off	Off	Off	
23	850.10000	850.10000						None	100.0 Hz	023	20 kHz		High		Off	Off	Off	Off	Off	
24	850.11500	850.11500		Simplex	FM			None	100.0 Hz	023	20 kHz		High		Off	Off	Off	Off	Off	
25	850.13000	850.13000		Simplex	FM			None	100.0 Hz	023	20 kHz		High		Off	Off	Off	Off	Off	

Memories / Limit Memories / Home / Hyper Memory 1 / Hyper Memory 2 / Hyper Memory 3 / Hyper Memory 4 / Hyper Memory 5

Memory Channel Functions
(left to right)

Receive Frequency	DCS
Transmit Frequency	Step
Offset Frequency	Clock Shift
Offset Direction	Tx Power
Operating Mode	Tx Narrow
Name	Skip
Show Name	Skip HM 2 to 5
Tone Mode	Bank 1 to 20
CTCSS	Comment

Memory Types
(left to right)

Memories
Limit Memories
Home
Hyper Memory 1-5

The ADMS-2K 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:
- 1,000 Memory Channels
- 100 Limit Memories (50 pair)
- 5 Home Channels
- 5 Hyper Memories x 5

Other Menu Item Categories Include:
- Common
- DTMF

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

With the ADMS-2K 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. Any RT Systems Version 4.50 program can open a file from any other RT Systems Version 4.50 programmer... even from a different radio.

Managing all the options of this great little radio becomes easy with the Programmer. The cut, copy, paste and insert features of the Programmer make channel management easier than ever.
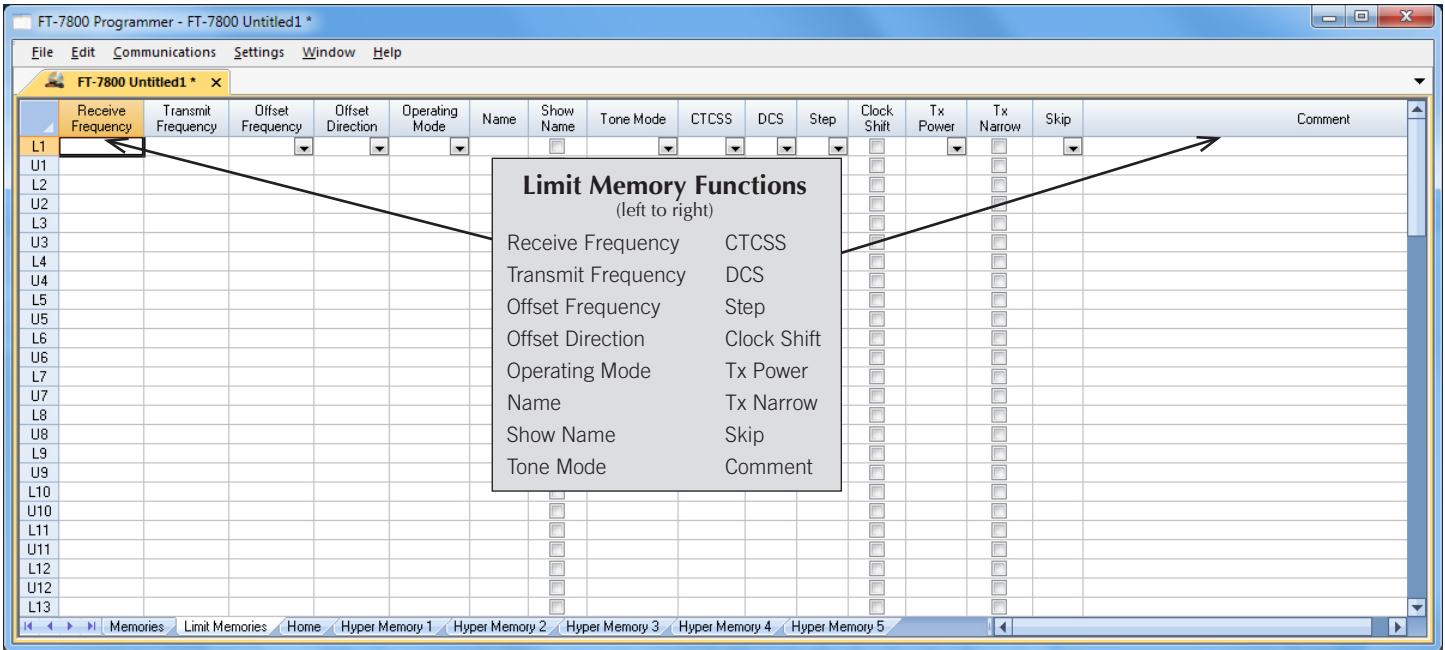
Open more than one file at a time. Memory channel information can be copied from one file to another within the Programmer making it really easy to set up a new file.
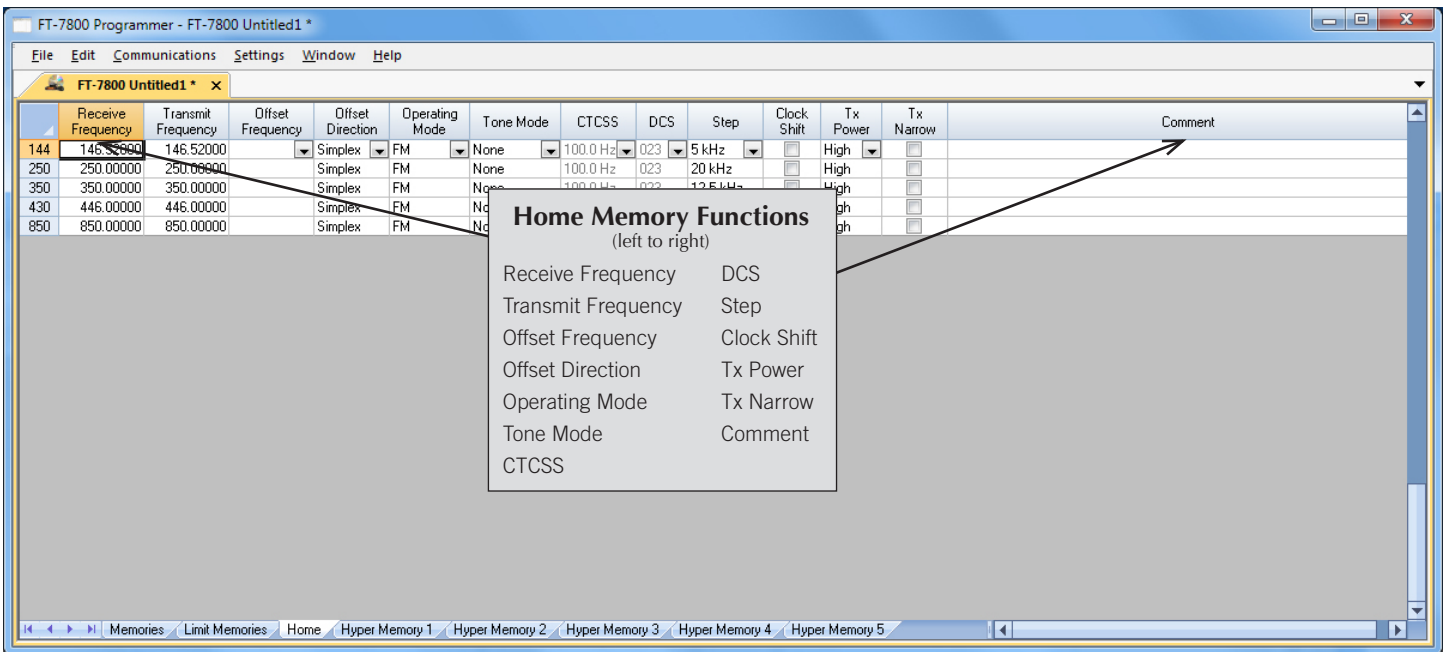

Hardware Requirements:

A PC running Windows XP, Vista, Windows 7 (32 or 64 bit) or Windows 8 (full version). A CD drive (local or network) for installation. A free USB port. The RT Systems USB-29B interface cable. The cable connects the radio to the computer from the USB port on the computer to the data jack on the radio.

Limit Memory Functions
(left to right)

Receive Frequency	CTCSS
Transmit Frequency	DCS
Offset Frequency	Step
Offset Direction	Clock Shift
Operating Mode	Tx Power
Name	Tx Narrow
Show Name	Skip
Tone Mode	Comment

Limit Memories

Limit Memories are used by the radio for Program Scan. Program the same details for Limit Memories as for regular memory channels. Many of the Limit Memories are preprogrammed in the radio and while the frequency can be changed to another within the band, they cannot be left blank.

Home Memory Functions
(left to right)

Receive Frequency	DCS
Transmit Frequency	Step
Offset Frequency	Clock Shift
Offset Direction	Tx Power
Operating Mode	Tx Narrow
Tone Mode	Comment
CTCSS	

Home

Home/Call channels are special memories accessed through one button recall on the radio. These channels are preprogrammed in the radio and while the frequency can be changed to another within the band, they cannot be left blank.
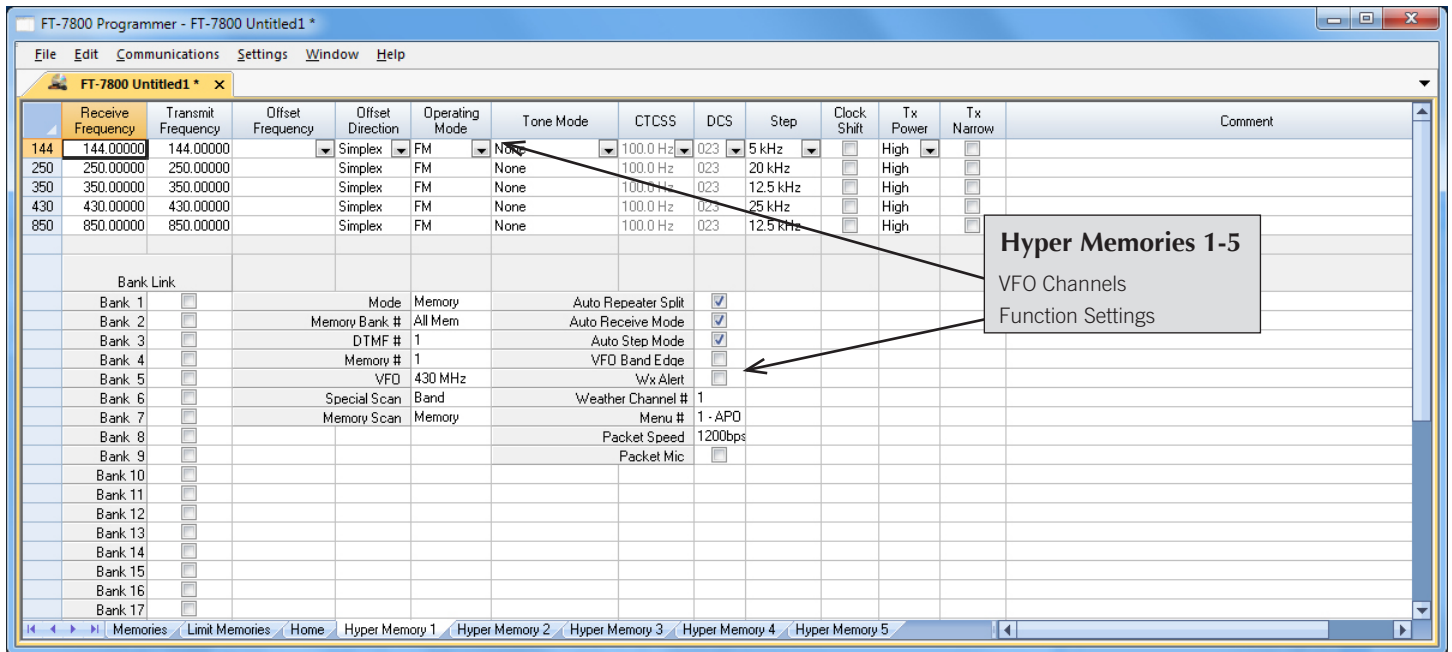
Hyper Memory 1 to 5

VFO - The program makes available the same VFO's as in the radio (one per band). The VFO's are preprogrammed in the radio and while the frequency can be changed to another within the band, they cannot be left blank. Remember these are not real memory channels since the details are lost as soon as you tune the radio manually. You do not need to program into VFO before programming details into a memory channel.

Function Settings - Five separate configurations for specialized activities. Customize the menu items shown for each different Hyper Memory. For most users, mode is the key to easy use of the radio. Set to memory, the Memory channels (Memories tab) are available for use no matter which hyper memory you're in.

Want to Know Even More?

For additional details and tips, click here for the comprehensive ADMS-2K Programmer Help File.
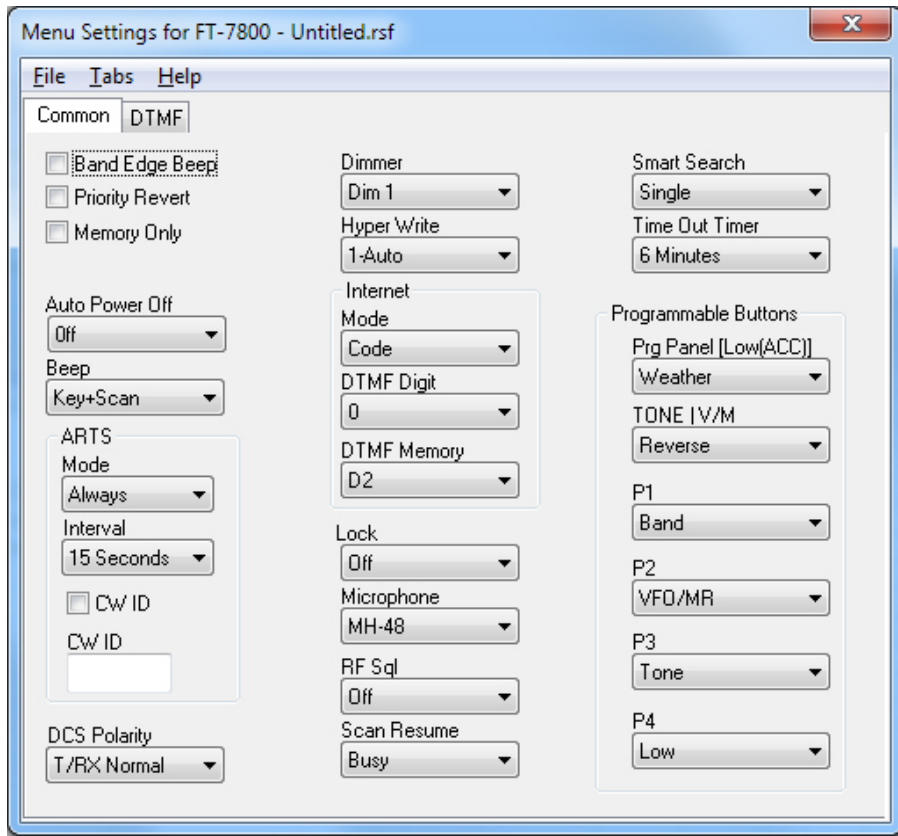
Common

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.
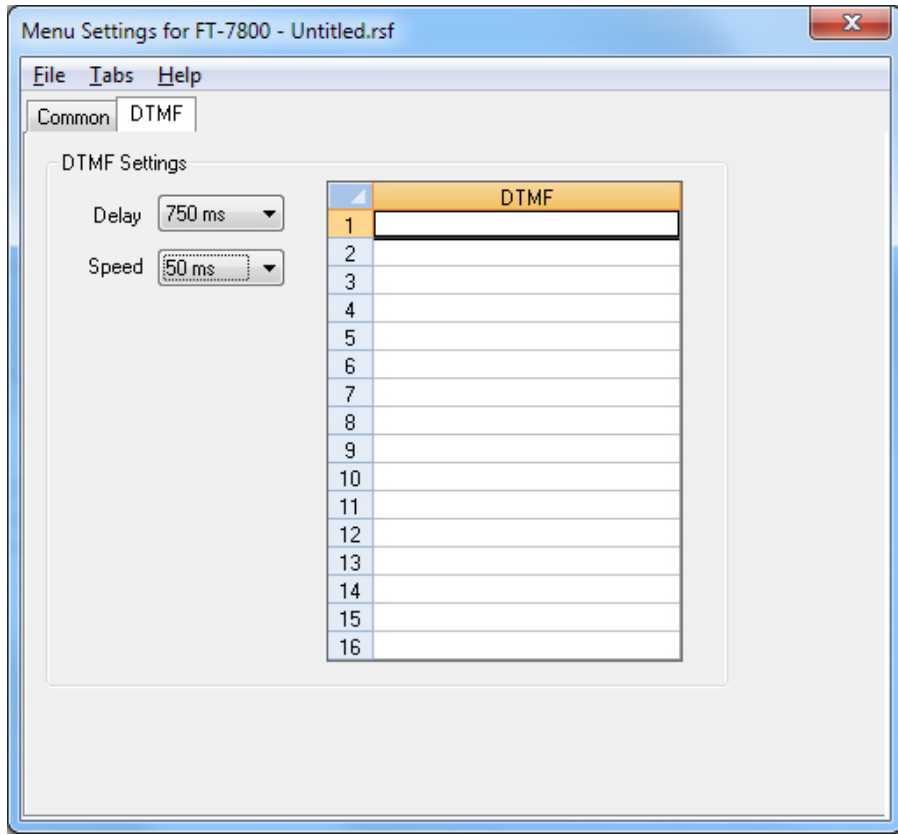

DTMF and Paging Codes

Enter DTMF memory details and customize options for this function of the radio. Enter codes for Paging function of the radio.

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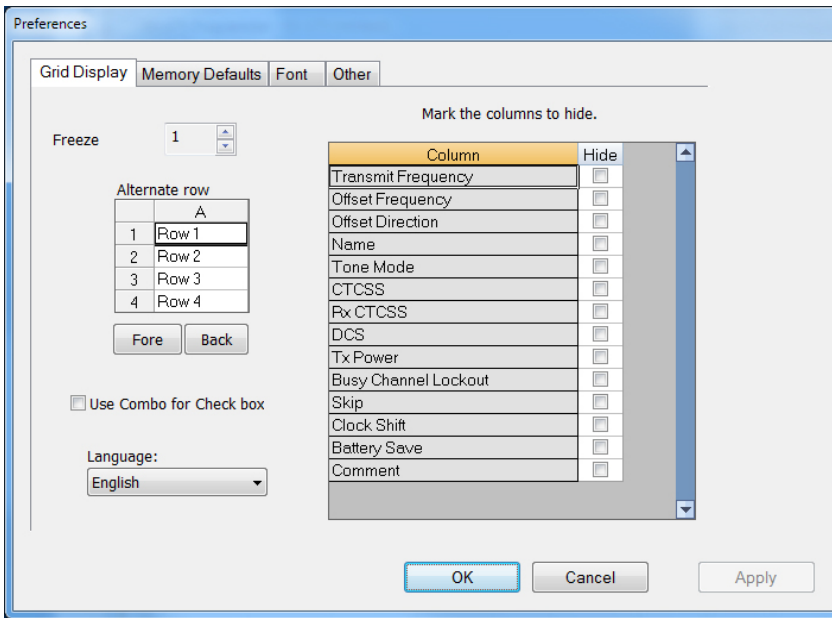
Grid Display

- 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.
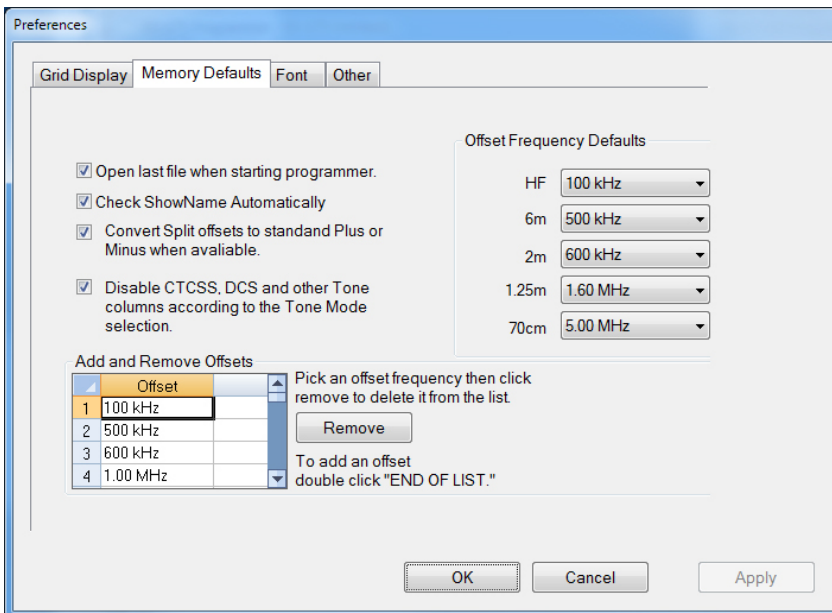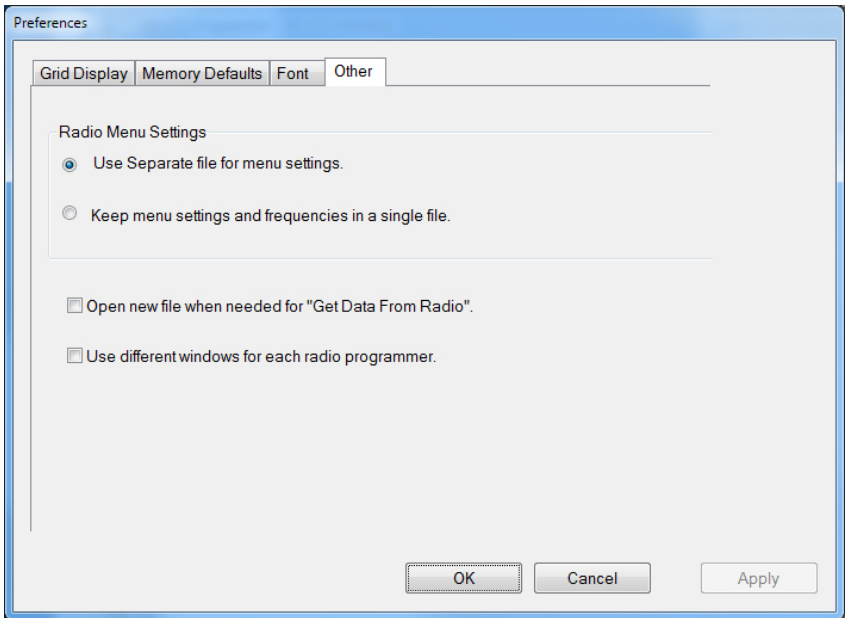

Memory Defaults

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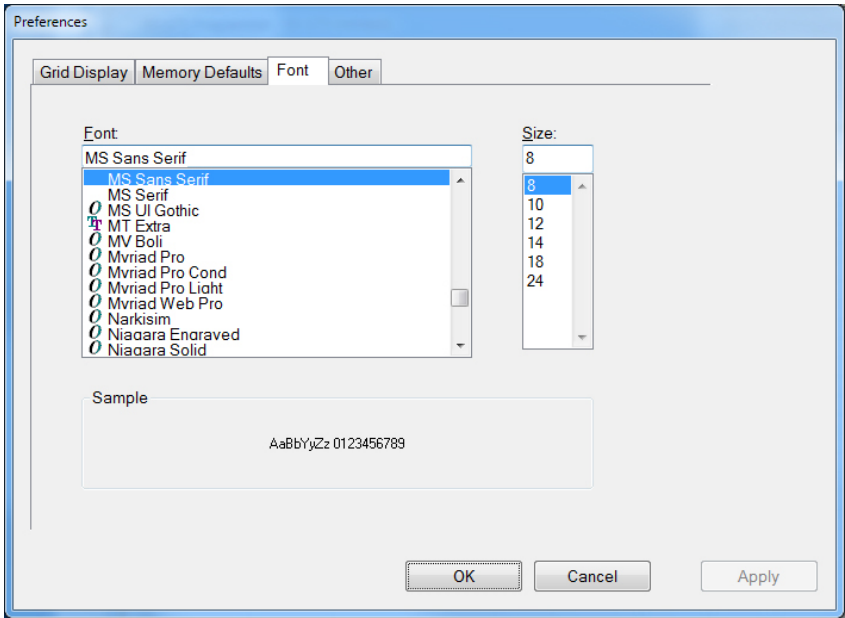
Font

- 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.
  - Together as one 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.

Buy Now

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