rt SYSTEMS
RADIO PROGRAMMING MADE EASY

RPS-9800 Programming Software
for the TYT TH-9800

Memory Types
(left to right)

Memories
Limit
VFO
Home

Memory Channel Functions
(left to right)

Receive Frequency	Optional Code
Transmit Frequency	PTT ID
Offset Frequency	Squelch Mode
Offset Direction	Busy Channel Lockout
Offset Reverse	Emphasis
Operating Mode	Clock Shift
Bandwidth	Compander
Name	Scrambler
Tone Mode	Talk Around
CTCSS	Display Type
User CTCSS	Tx Power
DCS	Step
DCS Polarity	Comment
Optional Signaling	

The RPS-9800 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:

    800 Memory Channels
    10 Limit Memories (5 pair)
    8 VFO Channels
    6 Home Memories

Other Menu Item Categories Include:
- DTMF
- 2Tone
- 5Tone

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

With the RPS-9800 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-32 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.

Limit Memories
(left to right)

Receive Frequency	Optional Signaling
Transmit Frequency	Optional Code
Offset Frequency	PTT ID
Offset Direction	Squelch Mode
Offset Reverse	Busy Channel Lockout
Operating Mode	Emphasis
Bandwidth	Clock Shift
Name	Compander
Tone Mode	Scrambler
CTCSS	Talk Around
User CTCSS	Display Type
DCS	Tx Power
DCS Polarity	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.

VFO Functions
(left to right)

Receive Frequency	Optional Code
Transmit Frequency	PTT ID
Offset Frequency	Squelch Mode
Offset Direction	Busy Channel Lockout
Offset Reverse	Emphasis
Operating Mode	Clock Shift
Bandwidth	Compander
Tone Mode	Scrambler
CTCSS	Talk Around
User CTCSS	Tx Power
DCS	Step
DCS Polarity	Comment
Optional Signaling	

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.

Home Channels
(left to right)

Receive Frequency	Optional Signaling
Transmit Frequency	Optional Code
Offset Frequency	PTT ID
Offset Direction	Squelch Mode
Offset Reverse	Busy Channel Lockout
Operating Mode	Emphasis
Bandwidth	Clock Shift
Name	Compander
Tone Mode	Scrambler
CTCSS	Talk Around
User CTCSS	Display Type
DCS	Tx Power
DCS Polarity	Comment

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.

Buy Now

DTMF

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

2Tone

Set options for a 2Tone paging sytem.

5Tone
Set options for a 5Tone paging sytem.
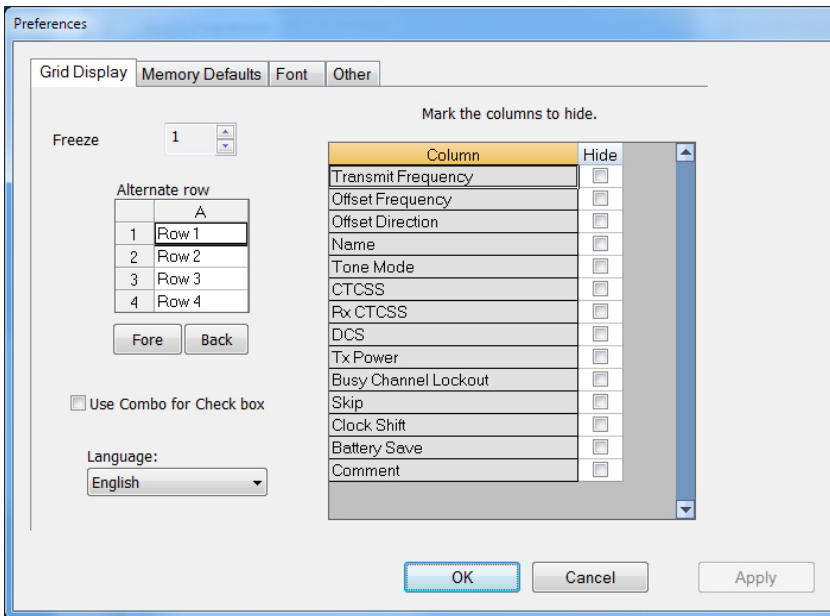
Grid Display
- RT Systems now available in English, French, German, Italian, Spanish, Portuguese and Japanese.
- Set colors for text (Fore) or background (Back) of alternate rows for easier viewing across the columns.
- Freeze columns to keep information on the screen as you scroll to the right of the 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.
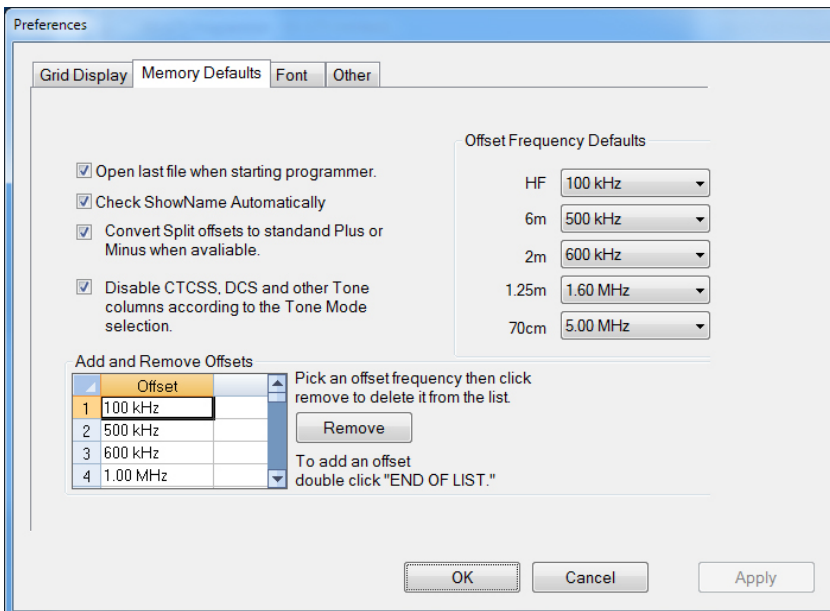
Memory Defaults
- Set options to control auto fill information for memory channel entries.

RADIO PROGRAMMING MADE EASY
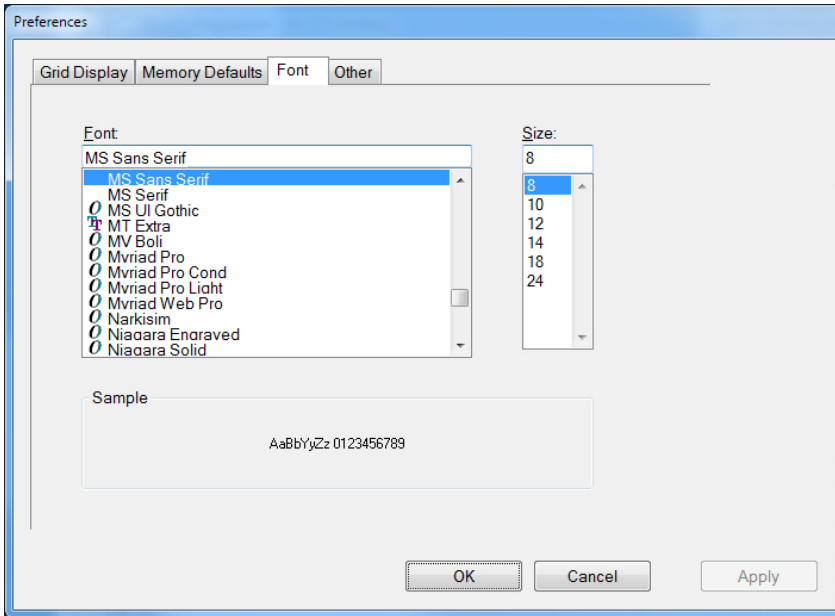
Font

- 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.
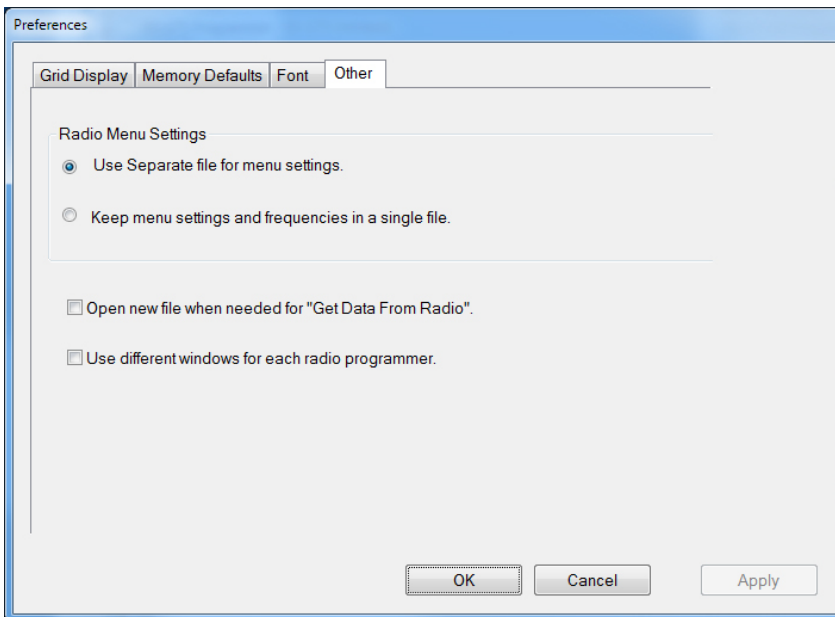
Other

- 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.

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