

**Memory Channel Functions**  
(left to right)

Receive Frequency	Narrow	APF
Transmit Frequency	Skip	Contour
Offset Frequency	Attenuator	Contour Position
Offset Direction	AGC	IF Notch
Operating Mode	Noise Blanker	Notch Position
Tx Operating Mode	IPO	Digital Notch
Name	DNR	Narrow Position
Tone Mode	Moni	Wide Position
CTCSS	Breakin	Shift Position
DCS	Step	Comment

**Memory Types**  
(left to right)

- Memories
- Limit Memories
- Home

**Radio Control**

- CTCSS Tone
- 28 MHz Offset
- 50 MHz Offset
- 144 MHz Offset
- 430 MHz Offset
- IPO
- AGC
- ATT
- Meter
- NB
- AF Gain
- Contour
- Break-On
- NC
- AF Gain
- MC Gain
- Proc Level
- DNR
- Keyer
- Open Port
- Close Port
- CAT Baud Rate (9600 bps)

The ADMS-991 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:**

- 99 Memory Channels + 10-60 Meter Channels
- 18 Limit Memories (9 pair)
- 4 Home Memories

**Other Menu Item Categories Include:**

- Common
- Rx/Tx
- Operating Mode
- Group Monitor

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

With the ADMS-991 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 with USB-A to USB-B RT Systems RT-42 interface cable (10' cable length). The cable connects the radio to the computer from the USB port on the computer to the USB jack on the radio. Internet connection for update at end of software installation.



**Limit Memories**  
(left to right)

Receive Frequency	Narrow	APF
Transmit Frequency	Skip	Contour
Offset Frequency	Attenuator	Contour Position
Offset Direction	AGC	IF Notch
Operating Mode	Noise Blanker	Notch Position
Tx Operating Mode	IPO	Digital Notch
Name	DNR	Narrow Position
Tone Mode	Moni	Wide Position
CTCSS	Breakin	Shift Position
DCS	Step	Comment

**Limit Memories**

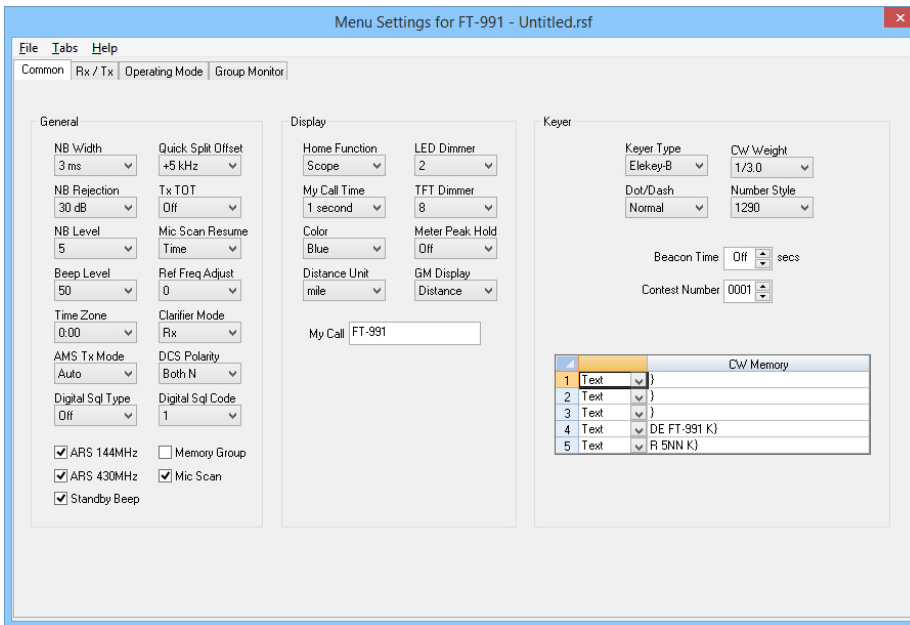
Limit Memories are used by the radio for Program Scan. Program same details for Limit Memories as for regular memory channels. Many of the Limit Memories are preprogrammed in the radio and while the frequency can be changed to another within the band, they cannot be left blank.

**Home**  
(left to right)

Receive Frequency	Skip	Contour
Transmit Frequency	Attenuator	Contour Position
Offset Frequency	AGC	IF Notch
Offset Direction	Noise Blanker	Notch Position
Operating Mode	IPO	Digital Notch
Tx Operating Mode	DNR	Narrow Position
Tone Mode	Moni	Wide Position
CTCSS	Breakin	Shift Position
DCS	Step	Comment
Narrow	APF	

**Home**

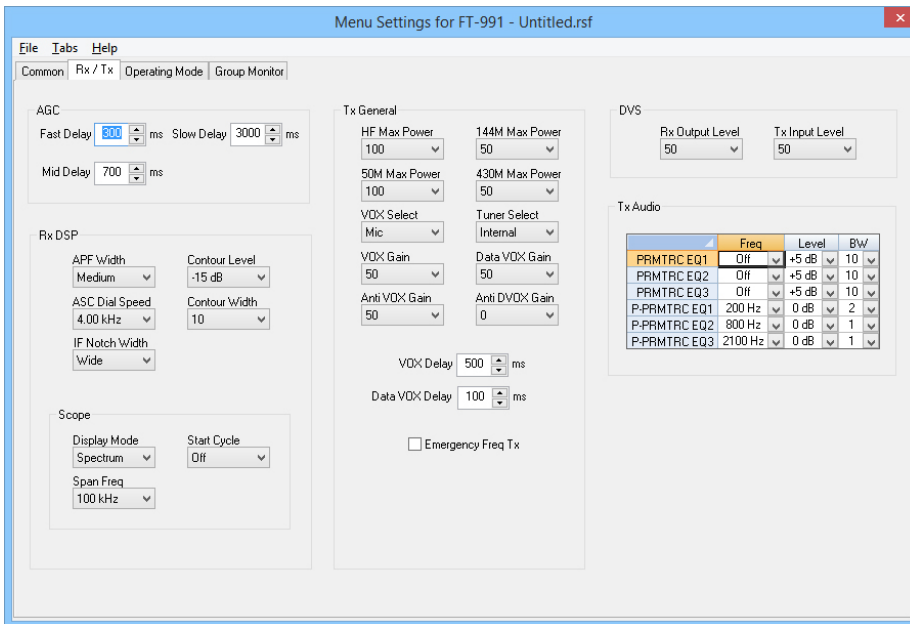
Home/Call channels are special memories accessed through one button recall on the radio. These channels are preprogrammed in the radio and while the frequency can be changed to another within the band, they cannot be left blank.



**Common**

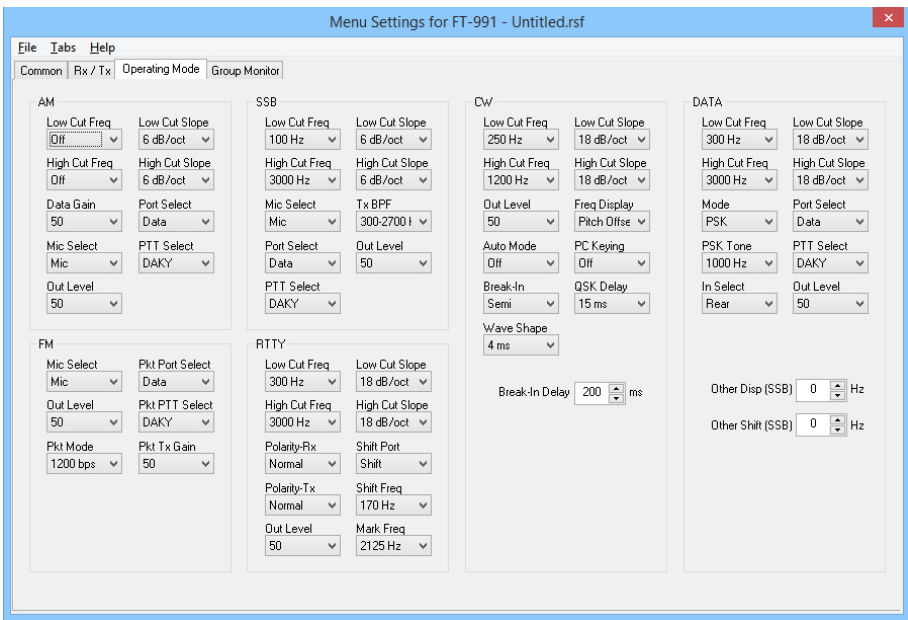
Use this screen to customize other set menu features of the radio. Check boxes toggle features on or off, drop down menus list all selections and blank boxes for personalized entry add to the ease of setting up your radio exactly like you want it.

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.



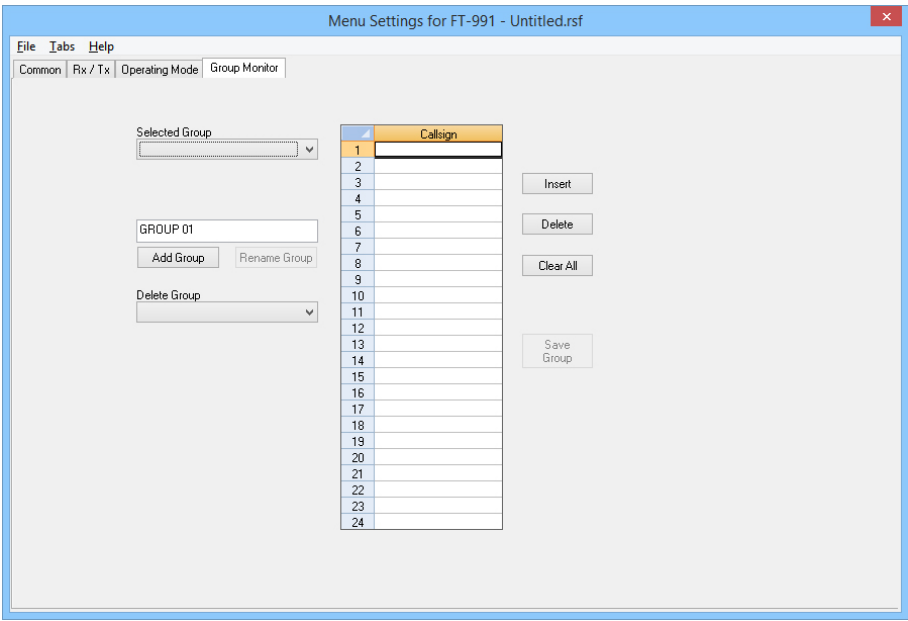
**Rx/Tx**

Customize details for other options specific to AGC, RxDSP, Scope, Tx General, VOX, DVS and Tx Audio operations on the radio.



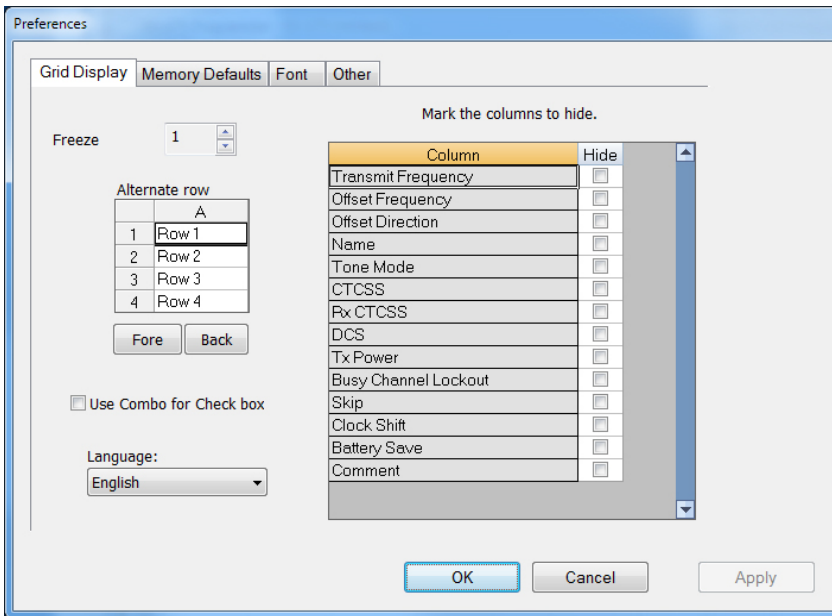
**Operating Mode**

Customize options for AM, SSB, CW Data, FM and RTTY operations.



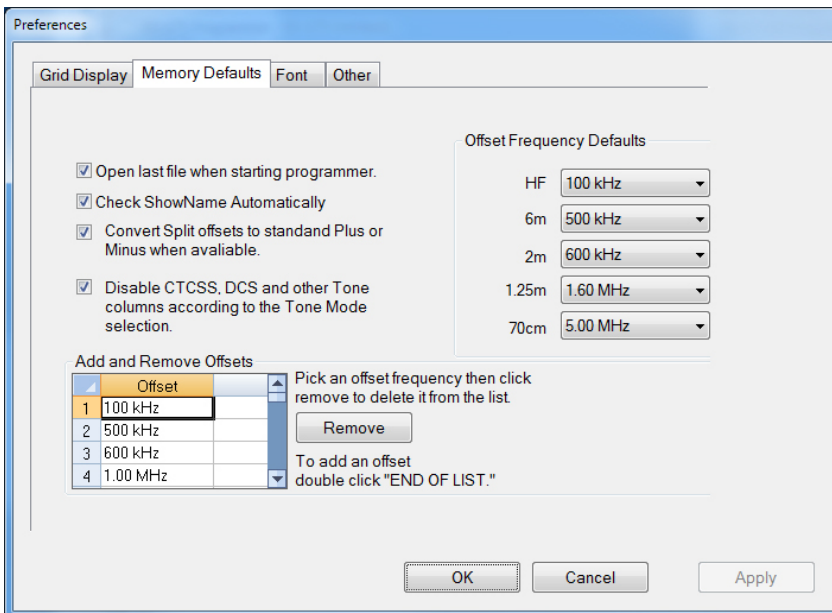
**Group Monitor**

Use this screen to customize options for activities Group Monitor (GM).



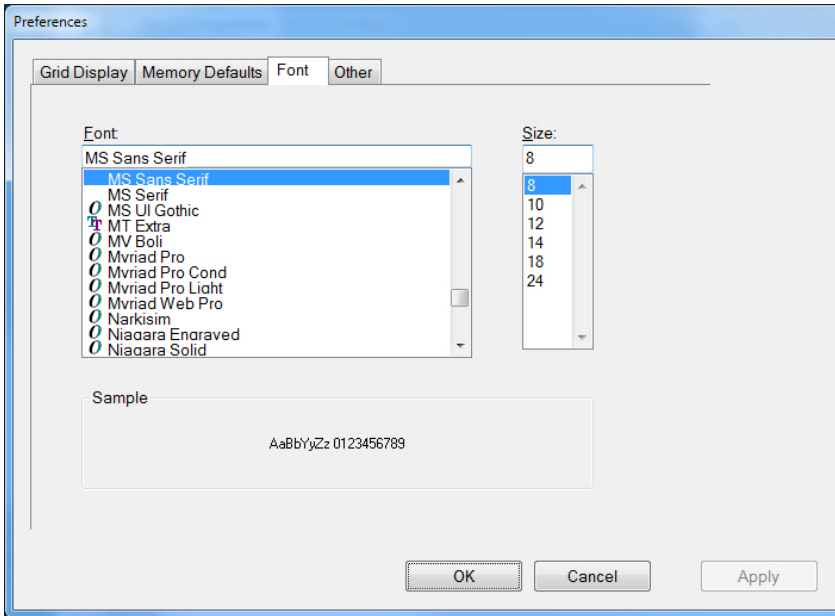
### Grid Display

- 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.



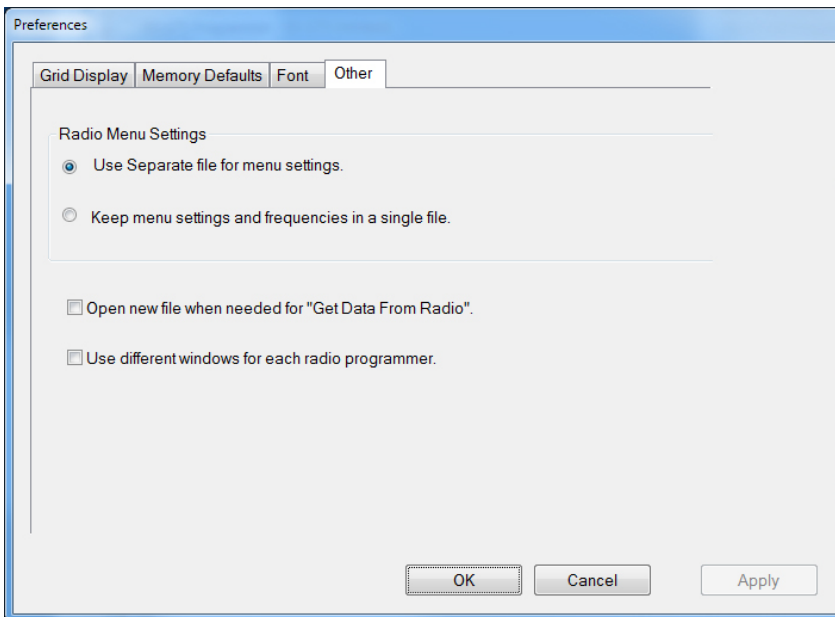
### Memory Defaults

- 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.