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## ADMS-21 Programming Software for the Yaesu FT-8800

<u>F</u> ile	Edit Comm	unications <u>S</u> etti	ngs <u>W</u> ind	ow <u>H</u> e	lp																
2	FT-8800 San	nple X																			
	Receive Frequency			Offset irection	Operating Mode	Name	Show Name	Tone	e Mode	CTCSS	DCS	Step	Clock Shift	Tx Power	Skip	Skip HM 2	Skip HM 3	Skip HM 4	Skip HM 5	Skip HM 6	Bank 1
1	118.00069	118.05000	Sin	plex	AM			None		100.0 Hz	023	25 kHz		High	Off	Off	Off	Off	Off	Off	$\rightarrow$
2	118.06250	118.06250	Sin	plex	AM			Non		100.0.11-	000	OF LUL		Link	рíf	Off	Off	Off	Off	Ulf	
3	118.07500	118.07500	Sin	plex	AM			Non	Me	mory	Cha	nnel F	uncti	one	þff		Off	011		Off	
4	118.08750	118.08750	Sin	plex	AM			Nor	IVIC	y and a			uncin	0115	Dff	Off	Uff	Off	Off	Off	
5						_					(ieft i	o right)			$\sim$						
6	145.57500	145.57500		4	FM			Nor	Receiv	ve Fred	uency	DO	S		Þff		Off	Off		Off	
7	146.01000	146.61000 600 k			FM			Non			. ,				þff		Off	Off		Off	
8	146.03500	146.63500 600 k			FM			Non	Transr	nit Fre	quenc	y Ste	ep		Dŧł		Off	Off		Off	
9	146.06000	146.66000 600 k		s	FM			Non Non	Offect	Frequ	anov	CI	ock Shif	f+	Dŧŧ		Off	Off		Off	
10	146.08500	146.68500 600 k							Unser	riequi	ency	CI	JCK SIIII	L	<u>Þ</u> ff		Off	Off		Off	
11	148.08750	148.08750	Mer	nory	Types			Non Non	Offset	Directi	on	Тx	Power		LNH		Off	Off		Off	
12	144.27500	144.27500	(]	eft to ri	ght)				0	1 N.A.		01			Dit .		Off	Off		Off Off	
13 14	144.31250 144.32500	144.31250 144.32500	1.0.14					Non Non	Opera	ting M	Jae	Sk	ip		pm		Off Off	Off Off		Off	
14	144.32300	144.32000	Left M	ernorie	es			NON	Name			Sk	ip HM 2	2 to 6	P"	UII	UII	UII	UII	UIT	
16	145.50000	144.90000 600 k	Right I	Vemo	ries										he	Off	Off	Off	Off	Off	
17	145.50000	145.52500	0					Non Non	Show	Name		Ba	ink 1 to	10	her		Off	Off		Off	
18	145.55000	145.55000	Left Li	nit Me	emories				Tone I	Mode		Co	mment		he		Off	Off		Off	
19	145.57500	145.57500	Right I	imit N	<i>lemories</i>			Non				CL	milent		her		Off	Off		Off	
20	145.60000	145.00000 600 k	i light i		nemones			Non	CTCSS	S					her		Off	Off		Off	
21	145.62500	145.02500 680 k	Home					Nor							Dff		Off	Off		Off	
22			Liverer	140.000						~											
23	147.00000	147,80000 600 k	Hyper	wemo	ory 1 to 6			None		100.0 Hz	023	5 kHz		High	Off	Off	Off	Off	Off	Off	
24	147.01250	147.61250 600 k	HZ PIU	s	FM			None		100.0 Hz	023	5 kHz			Off	Off	Off	Off	Off	Off	
25	147.02500	147.62500 600 k	.Hz Plu	s	FM		[77]	None		100.0 Hz	023	5 kHz			Off		Off	Off	Off	Off	

The ADMS-2I 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:

- 512 Left Memory Channels
- 512 Right Memory Channels
- 20 Left Limit Memories (10 pair)
- 20 Right Limit Memories (10 pair)
- 10 Home Channel
- 6 Hyper Memory Channels

## Other Menu Item Categories Include:

- Common
- DTMF

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

With the ADMS-2I 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.





# ADMS-21 Programming Software **Memory Types**

	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name Show Tone Mode	CTCSS DCS S	itep Clock Shift	Tx Power	Comment
4	K		-	-	-				-	
			~							
2						Limit Memory	/ Functions			
3					/	(left to r	ight)			
3						Receive Frequency	Tone Mode			
.4 14										
5						Transmit Frequency	CTCSS			
5						Offset Frequency	DCS			
.6						Offset Direction	Step			
16										
.7 J7						Operating Mode	Clock Shift			
.8						Name	Tx Power			
18										
9						Show Name	Comment			
9									-	
.10 110										

## Left and Right Limit Memories

Limit Memories are used by the radio for Program Scan. Program the same details for Limit Memories as for regular memory channels.

FT-	8800 Program	mer - FT-8800	0 Sample											x
<u>F</u> ile	<u>E</u> dit <u>C</u> omm	nunications	<u>S</u> ettings <u>W</u>	indow <u>H</u>	elp									
	FT-8800 Sar	nple ×												•
L144 L250 L350 L430 R144 R144 R250 R-430 R-430 R-850	Receive Frequency 1475000 250.00000 350.00000 430.00000 850.00000 144.00000 250.00000 350.00000	nple         ×           Transmit Frequency         144.0000           250.00000         430.00000           430.00000         850.00000           144.0000         250.00000           350.00000         430.00000           350.00000         850.00000           350.00000         850.00000           430.00000         850.00000	~	Offset Direction Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex	Operatin Mode FM FM FM FM FM FM FM FM	9 Tone None None None None None None None N	▼ 100.0 100.0 100.0	me <i>I</i> me Freq it Fre Frequ Direct	(left quen equer ency	20 kHz nory I t to right cy ncy	Clock Shift CTCSS DCS Step Clock S Tx Pow Comme	Shift er	Comment	
14 4	🕨 🕨 🕹 Left Me	emories Righ	nt Memories 🗸	Left Limit Me	emories <b>F</b>	ight Limit M	emories 🚽 H	ome 🖌 H	lyper M	emory 1	Hyper Mem	ory 2 Hyp	per Memory 3 Hj	-

## 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.



	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Tone Mode	CTCSS	DCS	Step	Clock Shift	Tx Power	Comment
-144	144.00000	144.00000	-	Simplex 👻	FM 🗣	Hone	• 100.0 Hz 👻	023 🖵	5 kHz 💂		High 💌	
-250	250.00000	250.00000			FM	None	100.0 Hz	023	20 kHz		High	
350	350.00000	350.00000			FM	None	108.0 Hz	023	12.5 kHz		High	
-430	430.00000	430.00000			FM	None	100.0 Hz	022	25 kHz		High	
-850	850.00000	850.00000		Simplex	FM	None	100.0 Hz	023	12.5+kHz		High	
R-144	144.00000	144.00000		Simplex	FM	None	100.0 Hz	023	5 kHz		High	Hyper Memories 1-6
R-250	250.00000	250.00000		Simplex	FM	None	100.0 Hz	023	20 kHz		High	
R-350	350.00000	350.00000		Simplex	FM	None	100.0 Hz	023	12.5 kHz		High	VFO Channels
R-430 R-850	430.00000 850.00000	430.00000		Simplex Simplex	FM FM	None None	100.0 Hz 100.0 Hz	023	25 kHz 12.5 kHz		High High	Function Settings
			Left	Right					~			
		Mode		VEO		Auto E	epeater Split		=			
	Me	mory Bank #		All Mem			Auto AM	<b>V</b>				
		DTMF #	1	1		\ \	'FO Tracking					
		Memory #	1	1		VF						
		VFO	144 MHz	430 MHz			Menu #	1 · APO				
		Home return	VFO	VFO			Main	Right				
		Special Scan	Band	Band			Packet Band	Main				
	h	demory Scan	MEM	MEM		P	acket Speed	1200bp	2			
							Sub Display	Freq				

## Hyper Memory 1 to 6

**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** - Six 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-2I Programmer Help File.



# ADMS-21 Programming Software **Radio Option Setting Screens**

Menu Settings for FT-880	00 - Untitled.rsf		×
<u>F</u> ile <u>T</u> abs <u>H</u> elp			
Common DTMF			
🔽 Веер	Dimmer	Mute	Time Out Timer
🗖 Lock	Dim 1 👻	Off 👻	6 Minutes 🔹 👻
🔲 VFO Band Edge	DCS Reverse	PTT Lock	Scan Resume
	TRx N 🔻	Off 🗸	Time 🔻
Auto Power Off	Internet	P1	Left Speaker
Off 🔻	Mode	Band 🔻	External 👻
ARTS	Code 🔻	P2	Right Speaker
Mode	DTMF Digit	VFO/MR -	External 👻
In Range 🔻	0 🔻		
CW ID	DTMF Memory	P3 Tone 🔻	Left RF Sql
	D2 🔻	i one 🔹	
CW ID	Hyper Write	P4	Right RF Sql
	Manual 🔻	Low 🔻	Off 🗸
	Microphone	'Right' Band Key	
	MH-48 🔻	Key 1 👻	

## 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.

Menu Settings for FT-8800 - Uni	titled.	rsf	X
<u>File Tabs H</u> elp			
Common DTMF			
DTMF Settings			
Delay 450 ms 🔻	- 4	DTMF	
Delay	1		
Speed 50 ms 🔻	2		
	3		
	4		
	5		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		

## DTMF

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



## ADMS-21 Programming Software **Preferences – Version 4.50**

Grid Display Memory Defaults Font	Other	
Freeze 1 📩	Mark the columns to	
	Column	Hide 📤
Alternate row	Transmit Frequency	
Alternate row	Offset Frequency	
	Offset Direction	
1 Row 1 2 Row 2	Name	
	Tone Mode	
	CTCSS	
4 Row 4	Rx CTCSS	
Fore Back	DCS	
	TxPower	
	Busy Channel Lockout	
Use Combo for Check box	Skip	
	Clock Shift	
Language:	Battery Save	
	Comment	
English 👻		
		<b>T</b>
	ОК	Cancel Apply

## 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	ī.
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     Pick an offset frequency       1     100 kHz       2     500 kHz       3     600 kHz       4     1.00 MHz   To add an offset double click "END OF	m the list.		
	ОК	Cancel	Apply

## Memory Defaults

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



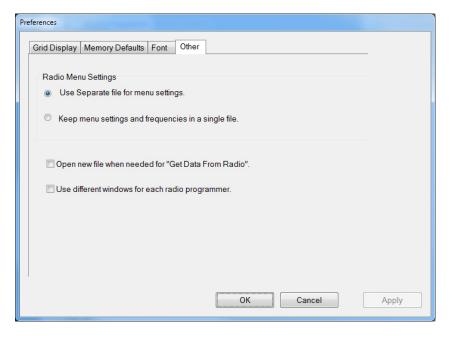
Preferences	A Comment of the second s
Grid Display Me	emory Defaults Font Other
Eont MS Sans S MS Sar MS Ser Ø MS UIC Ø MV Boli Ø MVriad Ø Mvriad Ø Mvriad Ø Nvriad Ø Narkisi Ø Niacara Ø Niacara	In Serif if Sothic ra i Pro Pro Cond Pro Cond Pro Pro Cond Pro Pro Pro Pro Pro Pro Pro Pro
	OK Cancel Apply

### 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.
  - 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.





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