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# ADMS-FT50 Programming Software for the Yaesu FT-50

<u>F</u> ile	le <u>E</u> dit <u>C</u> ommunications <u>S</u> ettings <u>W</u> indow <u>H</u> elp																
	🖞 FT-50 Untitled1* 🗙																
	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	DCS	Tx Power	Skip	Step	Mask	Pager	Pager Channel	Comment
1	144.00000	144.00000		Simplex	FM			None	88.5 Hz	023	High	Off	5 kHz		Off	P	
2	144.01250	144.01250		Simplex	FM										Off	Р	
3	144.02500	144.02500		Simplex	EM		N	1emory	Chan	nel	Funct	tion	s		Off	P	
4	144.03750	144.03750		Simplex	FM			, ,	(left to	right)					Off	Р	
5	144.05000	144.05000		Simplex	FM				(ieit to	ingin()					Off	Р	
6							Re	eceive Fre	auencv	,	DCS						
7	380.00000	380.00000		Simplex	FM								Hz		Off	P	
8	380.01250	380.01250		Simplex	FM		_ Tra	ansmit Fr	equency	у	Tx Pov	ver	Hz		Off	P	
9	380.02500	380.02500		Simplex	FM		Of	faat Eraa	10001		Chin		Hz		Off	Р	
10	380.03750	380.03750		т				fset Frequ	lency		Skip		Hz		Off	Р	
11	380.05000	380.05000	Mem	ory Iy	pes		Of	fset Direc	tion		Step		Hz		Off	Р	
12	380.06250	380.06250	(left	to right	t)						otop		Hz		Off	Р	
13	380.07500	380.07500		. 0			Or	perating N	lode		Mask		Hz		Off	P	
14			Memor	ies				0			-					-	
15	430.00000	430.00000	Limit N	Iomoric			INá	ame			Pager		2		Off	P	
16	430.01250	430.01250		Territorie			C F	iow Name	2		Pager	Char			Off	P	
17	430.02500 430.03750	430.02500 430.03750	VFO A				_ 3		-		agei	onal			Off	P	
18 19	430.03750	430.03750					- To	ne Mode			Comm	ents	Ē		Off	P	
20	430.05000	430.05000	VFO B				_				/ / / / / / /	2	ř.	E	Un	٢	
20	800.00000	800.00000	Lloma			-	- C1	CSS							Off	P	
21	800.00000	800.00000	Home					None	88.5 Hz	023	High	Off	50 kHz		Off	P	
22	800.01250	800.01250		Simplex	WEM			None	88.5 Hz	023	High	Off	50 kHz		Off	г Р	
23	800.02500	800.02300		Simplex	WEM			None	88.5 Hz	023	High	Off	50 kHz		Off	P	
24	800.05700	800,05000		Simplex	WEM			None	88.5 Hz	023	High	Off	50 kHz		Off	P	
2.5		es Limit Men						Trone	100.0112	023	riigh		30 KH2		- OII		•

The ADMS-FT50 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:

- 100 Memory Channels
- 10 Limit Memories (5 pair)
- 4 VFO A Channels
- 4 VFO B Channels
- 2 Home Memories

## Other Menu Item Categories Include:

- Common
- DTMF and Paging Codes

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

With the ADMS-FT50 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 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-57A 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.



# ADMS-FT50 Programming Software **Memory Types**

🐐 FT-50 Untit		<u>S</u> ettings <u>W</u>															
Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	DCS	Tx Power	Skip	Step	Mask	Pager	Pager Channel	Comme	nt
	<u> </u>						-	-	-	-	-				-		
					_						-	-					
				~		Lim	it Mem	orios	Fund	ctions	,			_			
				_	$\sim$	LIIII		ft to righ		uons	•						
,						Dest											
							e Freque	-	DCS								
)						Transmit Frequency Tx Power											
						Offset Frequency Skip											
						Offset Direction Step											
									Mas								
							ing Mode	;									
						Name			Pag	er							
						Show I	Name		Pag	er Cha	nnel						
						Tone Mode Comments											
						CTCSS											
						01033	)										

## **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-	50 Programme	r - FT-50 Unt	itled1 *							- 0 X
<u>F</u> ile	jile Edit Communications Settings Window Help									
	FT-50 Untitled1 * X									
	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Tonel	Mode CTCSS DCS Tx Power	Step Pager Pa Cha	ager Comment	<b></b>
VHF	144.0000	144.00000		Simplex 💽		None	▼ 88.5 Hz ▼ 023 ▼ High	▼ 5 kHz ▼ 0ff ▼ P 125 kHz 0ff ▼ P	. ,	
380 UHF	380.00000 430.00000	380.00089		Simplex Simplex		None None				
800	800.00000	800.00000		Simplex		None	VFO Channel			
							(left to rig			
							Receive Frequency	DCS		
							Transmit Frequency	Tx Power		
							Offset Frequency	Step		
							Offset Direction	Pager		
							Operating Mode	Pager Channel		
							Tone Mode	Comments		
							CTCSS			
						L				
										<b>•</b>
14 4	🕨 🕨 Memori	es 🖌 Limit Mer	mories VFO /	A VFO B	Home					•

## VFO A and VFO B

The program makes available the same VFO's 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.



FT-50 Programmer - FT-50 Untitled1 *				
<u>File Edit Communications Settings Window H</u> elp				
FT-50 Untitled1 * ×				-
Receive Transmit Offset Offset Operating Tone Mo	Power	Step Pager Pager Channel	Comment	▲ _
VHF         144.55990         144.00000         Simplex         FM         None           UHF         430.00000         430.00000         Simplex         FM         None	▼ 88.5 Hz ▼ 023 ▼ High ▼ 5	kHz 💌 Off 💌 P 🔍	7	
	Home Memory	Functions		
	(left to rig			
	Receive Frequency	DCS		
	Transmit Frequency	Tx Power		
	Offset Frequency	Step		
	Offset Direction	Pager		
	Operating Mode	Pager Channel		
	Tone Mode	Comments		
	CTCSS			
K ← ► ► Memories / Limit Memories / VF0 A / VF0 B / Home				
In the memories Limit memories VFUA VFUB Home		1		4

## 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.



## Want to Know Even More? For additional details and tips, click here for the comprehensive ADMS-FT50 Programmer Help File.



# ADMS-FT50 Programming Software **Radio Option Setting Screens**

Menu Settings for FT-50 - Untitle	ed.rsf		×
<u>F</u> ile <u>T</u> abs <u>H</u> elp			
Common DTMF and Paging Cod	es		
V Auto Receive Mode	Auto Power Off	Lock Setting	Scan Resume
🔽 Auto Repeater Shift	Off 🔻	Key 🔻	5 Second 🔹
🔲 Busy Carrier Lockout	RV/HM Key	Moni/TCall Key	Sub Display
📝 Busy LED	Reverse 🔻	Moni 👻	On 🔻
🔲 General coverage receive	Lamp	RX Save	Transmit Timeout
📝 Keypad Beep	5 Seconds 🔹 👻	200 ms 🔻	2.5 Minutes 🔹 💌
🔲 Lock Enable			
🔲 Repeater Input Tracking	ARTS Control	Page Control	
🔲 Scan Lamp	Speed	Speed	Answer Back
🔲 Tx Battery saver	15 seconds 🛛 💌	50 mSeconds 💌	Off -
Squelch 0 🚖	Mode		
WFM Squelch 0 🚔	Off 👻	Delay	Ringer
	Веер	500 mSecond: 🔻	3 Rings 🔹 🔻
	All 👻		

## 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-50 - Untitled.rsf	x
Eile         Tabs         Help           Common         DTMF and Paging Codes	
DTMF	Paging Codes Personal (P) 000
2 3 4	# Page Code     Disable     # Page Code     Disable       1 000     4     000     1
5 6 7	2 000 5 000 C
8 Read Only DTMF C-9	

#### **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.



# ADMS-FT50 Programming Software **Preferences – Version 4.50**

Preferences		
Grid Display Memory Defaults Font	Other	
Freeze 1	Mark the columns to hide.	
Freeze 1	Column Hide 🔼	
	Transmit Frequency	
Alternate row	Offset Frequency	
1 Row 1	Offset Direction	
2 Row 2	Name 🗖	
3 Row 3	Tone Mode	
4 Row 4	CTCSS	
	Px CTCSS	
Fore Back	DCS	
	Tx Power	
	Busy Channel Lockout	
Use Combo for Check box	Skip	
	Clock Shift	
Language:	Battery Save	
English -	Comment	
Linglish	_	
	OK 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	
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 frequence       1     100 kHz     remove to delete it from       2     500 kHz     Remove       3     600 kHz     To add an offset       4     1.00 MHz     Vertice	n the list.		-
	ОК	Cancel	Apply

## Memory Defaults

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



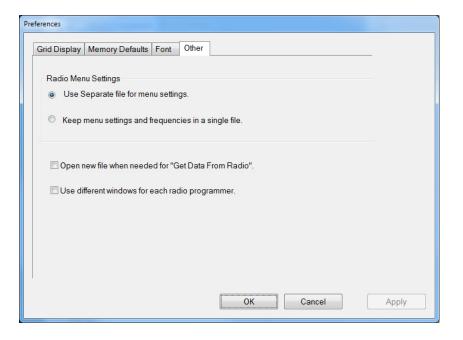
references Grid Display Memory	Defaults Font Ot	her		
Eont MS Sans Serif MS Sans Serif Ø MS Ul Gothic T MT Extra Ø MV Boli Ø Mvriad Pro Ø Mvriad Pro Ø Mvriad Pro Ø Mvriad Veb Ø Narkisim Ø Niaoara Eno Ø Niaoara Soli	ond iaht Pro raved	~	Size: 8 10 12 14 18 24	
Sample	AaBbYyZz 01;	23456789		
I		ОК	Cancel	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.



- 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.