

## ADMS-4A Programming Software for the Yaesu FT-817/D

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<u> </u>	FT-817 Untit	tled1 * ×													
		Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	DCS	Step	Skip	Attenuator	IPO	Comment
1	1.80000	1.80000		Simplex	CW				88.5 Hz		2.5 kHz				~
2	3.50000	3.50000		Simplex	CW				00 E U -	000	2614-				
3	7.00000	7.00000		Simplex	CW	Memory Channel Functions									
4	10.00000	10.00000		Simplex	AM		(loft to right)								
5	14.00000	14.00000		Simplex	CW			(							
6	18.00000	18.00000		Simplex	USB	— R	Receive Frequency CTCSS								
7	21.00000	21.00000		Simplex	CW	т,	anom	it Eroquono		<u></u>					
8	21.00000	24.50000		Simplex	AM		Transmit Frequency DCS								
10	24.00000					0	Offset Frequency Step								
11	28.01250	20.0	Memory (left to		Offset Direction Skip										
12	28.02500	28.0	(left to	ngni,											
13 14	50.00000	50.0 M	emories												
14	88.00000	00.0				- N	Name IPO								
16	144.00000	144.0	nit Memo	ories		0	how N	amo	C	ommo	nt				
17	144.00500		A OF			Show Name Comment									
18	144.01000	144.0				To	Tone Mode								
19	144.01500	144.0 VF	ОΒ					11000	00.0112	1020	E.O KITE				
20		H	ome												
21	430.00000	430.0						None	88.5 Hz	023	25 kHz				
22	430.01250	430.01250	/	Simplex	FM				88.5 Hz	023	25 kHz				
23	430.02500	430.02500		Simplex	FM				88.5 Hz	023	25 kHz				
24	430.03750	430.03780		Simplex	FM				88.5 Hz	023	25 kHz				
25	430.05000	430		Simplex	FM			None	88.5 Hz	023	25 kHz				
H. 4.	🕨 📔 Memori	ies 🖉 Limit Mei	mories VFU	A VEO B	Home										

The ADMS-4A 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:

- 200 Memory Channels
- 5 60M Channels
- 2 Limit Memories (1 pair)
- 15 VFO A Channels
- 15 VFO B Channels
- 4 Home Channels

### Other Menu Item Categories Include:

Common

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

With the ADMS-4A 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-63 interface cable. The cable connects the radio to the computer from the USB port on the computer to the ACC jack on the radio.





FT-817 Programmer - FT-817 Untitled1 *					
<u>File Edit Communications Settings W</u> indow <u>H</u> elp					
FT-817 Untitled1 * ×					•
Receive Transmit Offset Offset Operating Frequency Frequency Direction Mode	Name Show Tone Mode	CTCSS DCS Step	p Skip Atten	uator IPO	Comment
					<u> </u>
		· · · · · · · · · · · · · · · · · · ·			
	Limit Memory Fu	unctions			
	(left to right)				
	Receive Frequency	CTCSS			
	Transmit Frequency	DCS			
	Offset Frequency	Step			
	Offset Direction	Skip			
	Operating Mode	Attenuator			
	Name	IPO			
	Show Name	Comment			
	Tone Mode				
H + + H Memories Limit Memories VF0 A VF0 B Home					

### **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.

<u>F</u> ile	17 Programm <u>E</u> dit <u>C</u> omm FT-817 Untit	unications		<u>V</u> indow <u>H</u>	elp							
1.8 3.5 7 10 14 24.5 28 50 88 8118 144 430 Gen	Receive	Transmit Frequency 1.80000 3.66900 7.00000 10.00000 10.00000 21.00000 24.50000 28.00000 28.00000 28.00000 28.00000 108.00000 108.00000 108.00000 15.00000	Offset Frequency	Offset Direction Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex	Operating Mode CW LSB LSB CW USB USB USB USB USB USB USB USB USB USB	None None	88.5 Hz 88.5 Hz (left Freque Freque equenc rection g Mode	ncy ency y	Step 25 kH2 25 kH2 25 kH2 25 kH2 25 kH2 0 0 0 0 0 0 0 0 0 0 0 0 0	uator	Attenuator	Comment
14 4	Memori	es 🛛 Limit Me	mories VFO	I 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.



Juency Frequency 9.60000 2.52500 6.52000 6.00000	Simplex     Simplex     Simplex		None N	e Mer (lef Freque t Freque	nt to rig	Step 5 kHz 5 kHz Funct ht) DCS Step	tions		IPO			omment	
2.52500	Simplex Simplex	FM FM	None Hom Receive Transmi	e Mer (lef Freque t Freque	nt to rig	5 kHz Funct ht) DCS	tions						
6.52000	Simplex	FM	Receive Transmi	e Mer <sub>(lef</sub> Freque t Frequ	ft to rig	Funct ht) DCS							
6.00000	Simplex	FEM	Receive Transmi	lef) Freque t Frequ	ft to rig ency	ht) DCS							
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1	imit Memories 🗸 VF	imit Memories _ VF0 A _ VF0 B	imit Memories _ VF0 A _ VF0 B _ Home	Tone Mo CTCSS	Tone Mode CTCSS	CTCSS	Tone Mode Com CTCSS	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.





# ADMS-4A Programming Software **Radio Option Setting Screens**

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<u>File T</u> abs <u>H</u> elp								
Common						D		. ·
144 Auto Repeater Shift	AGC	Auto 🔻	Filter	Off	-	Battery Battery Charge On	Micropho	neuain
📝 440 Auto Repeater Shift	Auto Power Off		Lock	Dial	-		SSB	50 🚔
AM/FM Dial	Auto Power Urr	Off 🔻			_	Battery Charge		
Emergency Extended Menu	Backlight	Auto 👻	Main Step	Fine	•	8 Hours 🔻	Packet	50 🊔
Large Display			Meter	Power	-			<b>_</b>
Memory Group	Beep Frequency	880 Hz 🔻	Packet Rate	[1000 L		Digital	9600	50 🊔
V Mic Scan	Beep Volume	50 🚔		1200 bps	•	DSP	3000	•
Noise Blanker Rear HF Antenna	beep volume	······	Scan Resume	5 seconds	•	0 🚔 Hz	FM	50 🊔
Rear 50 MHz Antenna	CAT Rate	4800 bps 🔻	Spectrum Scope	Continuou	<b>▼</b> 21	Shift		
🔲 Rear VHF Antenna		Blue 🔻	SQL Knob			0 🚔 Hz	Digital	50 🌲
📃 Rear UHF Antenna	Color			RF-Gain	•	· · · · · · · · · · · · · · · · · · ·	Digital	
Voltage Display	Contrast	5 ෫	Tx Power	High	-	Mode	АМ	50 🌲
	DCS Invert					RTTY 🔻	AM	
	DLS Invert	Tn-Bn ▼						
CW			[		arrier Off	set	Vox	
Diedkin	CW Delay 25	🗧 🛛 CW Pito	h 650 Hz	•			🔲 Enab	le
Keyer	CW Speed 8	CW We	ight 1:3.0		X LSB	) 🚔 Hz		
Reverse LW Paddle			ut D	e B	X USB		Delay 5	00 🚔 ms
🔲 Mic CW Key	CW Sidetone 50	Time Ut	0				Delay S	
ARTS				T>	×LSB	) 🚔 Hz	_	
	YAESU	ARTS Beep	Iff	▼ T>	KUSB I		Gain 5	0
ON 10								

## 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.



# ADMS-4A Programming Software **Preferences – Version 4.50**

Preferences		
Grid Display Memory Defaults Font	Other	
Freeze 1	Mark the columns to hide.	
Freeze 1	Column Hide 🔺	
A Harmon La 1999	Transmit Frequency	
Alternate row	Offset Frequency	
1 Row1	Offset Direction	
2 Row 2	Name 🗖	
3 Row 3	Tone Mode	
4 Row 4	CTCSS	
	Rx CTCSS	
Fore Back	DCS	
	Tx Power	
	Busy Channel Lockout	
Use Combo for Check box	Skip	
	Clock Shift	
Language:	Battery Save	
English 👻	Comment	
		_
	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 asserting to the Tone Mode.	1.25m	1.60 MHz	•
columns according to the Tone Mode selection.	70cm	5.00 MHz	-
Add and Remove Offsets			
Offset			
1 100 kHz 2 500 kHz Remove			
3 600 kHz To add an offset			
4 1.00 MHz double click "END OF	LIST."		
for the second se	ОК	Cancel	Apply

## Memory Defaults

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



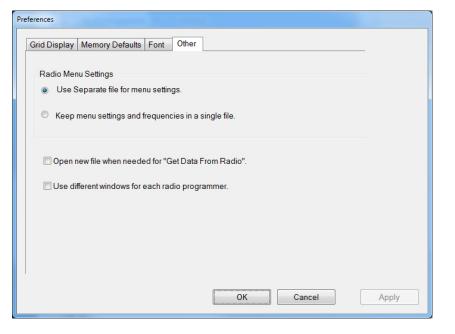
Preferences
Grid Display     Memory Defaults     Font     Other       Eont     Size:       MS Sans Serif     8       MS Serif     10       Q MS Ul Gothic     12       T MT Extra     12       0 MVriad Pro     14       0 Mvriad Pro Cond     24       0 Mvriad Pro Light     24       0 Nacara Engraved     Niacara Solid
Sample AaBbYyZz 0123456789
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.