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### ADMS-847 Programming Software for the Yaesu FT-847

FT-	FT-847 Programmer - FT-847 Sample													
<u>F</u> ile	Eile Edit Communications Settings Window Help													
l D (														
	, FT-847 Sam	ple X												<b></b>
	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Tone Mode	CTCSS	DCS	Skip	Filter	Packet Speed		Comment	<b></b>
1	142.20000	142,20000		Simplex	USB	None	67.0 Hz	023		Wide	1200 bps		1	
2	142.21250	142.21250		Simplex	USB	None	67 <u>0Hz</u>	023		Wide	1200 bos			
3	142.22500	142.22500		Simplex		None	67 N	lomo	rv C	han	nel Fun	ctions		
4	142.23750	142.23750		Simplex		None	67 14	iemo				cuons	r	
5	142.25000	142.25000	Mon	nory Ty	nos	None	67		(1	eft to r	right)			
6	142.26250 142.27500	142.26250 142.27500		iory ry	hes	None None	岩 Re	ceive F	Freau	encv	CTCS	S		
8	142.27500	142.27500	(16	eft to right	.)	None	07				<b>D</b> .00			
9	142.20730	142.30000	Memo	ories		None	67 Ira	nsmit	Frequ	lency	DCS			
10	142.31250	142.31250	L institut	N /		None	67 Off	set Fre	eauen	CV	Skip			
11	142.32500	142.32500		Memorie	is –	None	67			-				
12			VFO A	ł			Off	set Dir	ection	า	Filter			
13	430.50000	430.50000		<b>`</b>		None	67 Op	erating	y Mod	le	Packe	et Speed		
14	430.51250	430.51250	VFO E	3		None	67		-					
15	430.52500	430.52500	Home	<u>,</u>		None	67 Ior	ne Moo	de		Comr	nent		
16	430.53750	430.53750				None	67	000			10001	-		
17	430.55000 430.56250	430.55000	Satelli	te Memo	ories		67.0 Hz 67.0 Hz	023		Wide Wide	1200 bps 1200 bps			
18	430.56250	430.56250	One T	ouch			67.0 Hz	023		Wide	1200 bps 1200 bps			
20	430.57500	420.58750	0.110	Simplex	EM	None	67.0 Hz	023		Wide	1200 bps			
21	430.60000	430.60000		Simplex	FM	None	67.0 Hz	023		Wide	1200 bps			
22	430.612	430.61250		Simplex	FM	None	67.0 Hz	023		Wide	1200 bps			<b>T</b>
14 4	K + + + Memories / Limit Memories / VFD A / VFD B / Home / Satellite Memories / One Touch													
Ready														CAP NUM SCRL

The FT-847 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:

- **78** Memory Channels
- 2 Limit Memories (1 pair)
- 12 Channels each in VFO A and B
- 4 Home/Call Channels
- 12 Satellite Memories
- 1 One Touch Memory

### Other Menu Item Categories Include:

- Common Settings
- CW

The Programmer Is for so Much More than Just Memory Management. With the FT-847 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 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 (desktop version). A CD drive (local or network) for installation. A free USB port. The RT Systems USB-65 interface cable. The cable connects the radio to the computer from the USB port on the computer to the CAT jack on the radio.





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## ADMS-847 Programming Software **Memory Types**

FT-847 Programmer - FT-847 Sample	
File Edit Communications Settings Window Help	
FT-847 Sample X	
Receive Frequency         Transmit         Offset Frequency         Offset Frequency         Operating Direction         Tone Mode         CTCSS         DCS         Skip         Filter         Packet Speed         Comment	
Limit Memory Functions (left to right)	
Receive Frequency CTCSS	
Transmit Frequency DCS	
Offset Frequency Skip	
Offset Direction Filter	
Operating Mode Packet Speed	
Tone Mode Comment	
	•
Memories Limit Memories VFD A VFD B Home Satellite Memories One Touch	
Ready	CAP NUM SCRL

### **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-847 Programmer - FT-847 Sample	• X
<u>File Edit Communications Settings Window H</u> elp	
FT-847 Sample X	-
Receive Operating Filter Packet Comment	
1.8         CM wide         1200 bps           3.5         3.50000 LSB         Wide         1200 bps	
10 10.10000 USB VFO Functions	
18 18,06800 USB	
21 21.0000 USB Receive Frequency	
28 28.0000 USB Operating Mode	
50         50.00000         USB         Filter           144         144.00000         USB	
144 144.00000 USB Packet Speed	
Comment	
H	
Ready CAP	NUM

### VFO A/B

The program makes available the same VFO's as in the radio. 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.

# RADIO PROGRAMMING MADE EASY

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FT-847 Programmer - FT-847 Sample				
Eile Edit Communications Settings Window Help □ ☞ 🖬 🐇 🖻 💼 🚭 🏠 🕀 👫 2↓ 💡				
FT-847 Sample X				
Receive Frequency         Transmit Frequency         Offset Frequency         Offset Direction         Ope M           HF         1500690 5000690         Simplex         USB           2m         144.00000         Simplex         USB           70cm         430.00000         Simplex         USB	▼ None ▼ 88.5 Hz ▼ (	DCS Filter Speed	Comment	
	Offset Frequency Offset Direction Operating Mode Tone Mode	Filter Packet Speed Comment		
K Memories / Limit Memories / VFD A / VFD B Hon	ie / Satellite Memories / One Touc	h /		•
Ready				CAP NUM SCRL

### 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.

FT-847 Programmer - FT-847 Sample								
Elle Edit Communications Settings Window Help								
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🖕 FT-847 Sample 🗙	FT-847 Sample X							
Downlink Uplink Downlink Downlink Downlink C Frequency Frequency Mode Tone Mode CTCSS	Downlink Downlink Uplink Uplink Uplink Uplink Uplink Frequency DCS Filter Mode Tone Mode CTCSS DCS Filter Tracking Name	Comment						
1 43550990 145,90000 USB Vone 88.5 Hz 02		$\rightarrow$						
2 3								
	Satellite Memory Functions							
5	(left to right)							
7	Downlink Frequency Uplink Tone Mode							
8	Uplink Frequency Uplink CTCSS							
9 10	Downlink Mode Uplink DCS							
11								
12								
	Downlink CTCSS Frequency Tracking							
	Downlink DCS Name							
	Downlink Filter Comment							
	Uplink Mode							
▲ ▶ N Memories / Limit Memories / VF0 A / VF0 B / Home / Satellite Memories / One Touch								
Ready		CAP NUM SCRL						

### Satellite Memory

The radio has 12 Satellite "Memory" Registers for frequency pairs used for a particular satellite. Set up upload and download frequencies, tones, name and tracking details for each satellite you want to work.

# RADIO PROGRAMMING MADE EASY

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T-847 Programmer - FT-847 Sample	
Elle Edit Communications Settings Window Help	
FT-847 Sample X	
Receive Operating Filter Packet Comment	<b></b>
QMB 14480000 CW Vide 1200 bps -	
One Touch	
(left to right)	
Receive Frequency	
Operating Mode	
Tone Mode	
Packet Speed	
Comment	
La A M Manain / Jin Manain / MO A / MO B / Hans / Catallia Manain Day Tarah	
Ready	
reauy	CAP NUM SCRL

### Quick Memory Bank (QMB)

Enter details for the Quick Memory Bank channel. This frequency can be in any band. Use the [QMB RCL] button for one touch access to this memory.





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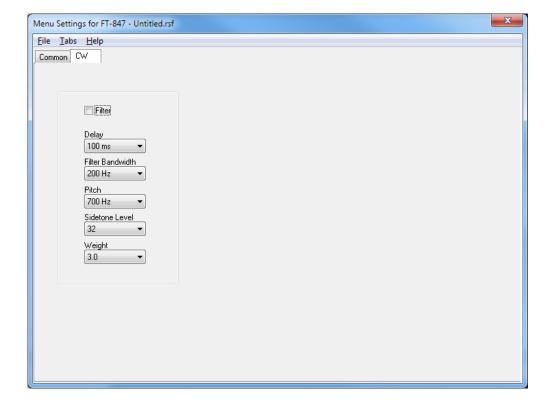
## ADMS-847 Programming Software Radio Option Setting Screens

Menu Settings for FT-847 - Untitle	ed.rsf			×
<u>F</u> ile <u>T</u> abs <u>H</u> elp				
Common CW				
AGC Fast Recovery Alaska Emergency Channel Attenuator Cross Band Repeater Digital Filter Notch Filter Fast Tune Lock Mic AutoScan Noise Blanker	50 MHz Antenna Separate Beep Frequency 880 Hz Beep Volume 32 CAT Baud Rate 4800 bps Dimmer 0 TM Mic Gain 32	Lock Mode Dial   NR Level 7  Scan Resume 5 secs  SSB Monitor Level 16  Tuner Switch Control Tuner Tx Meter Readout Power Output	DCS Polarity Decode Normal Encode Normal Rx Preamp VHF Internal UHF Internal UHF	Step Size Main Dial 1.0 Hz SSB/CW 2.5 kHz AM 5 kHz FM 5 kHz
Noise Reduction				
Proc/Keyer	Satellite Mode		Tx Carrier Injection Point	
🔽 RF Preamp	🕅 Enable		USB	
RF Speech Processor	🔲 Auto-Me	mory	LSB	
🕅 Split	Tx Meter Fu		0 Hz 🔻	
🔲 SSB Voice Monitor	Power Outp	out 🔻		
📝 VHF Auto Repeater Shift				
☑ UHF Auto Repeater Shift				

### 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.



### CW

Use these settings to adjust the CW menu items of the radio.





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### ADMS-847 Programming Software **Preferences – Version 4.50**

Preferences				
Grid Display	Memory Defaults Font	Other		
F	1	Mark the columns t	to hide.	
Freeze	1	Column	Hide 🔺	]
		Transmit Frequency		
Alt	ernate row	Offset Frequency		
	A Row 1	Offset Direction		
		Name		
		Tone Mode		
		CTCSS		
		RxCTCSS		
	Fore Back	DCS		
		TxPower		
		Busy Channel Lockout		
Use Co	mbo for Check box	Skip		
		Clock Shift		
Langua	ae:	Battery Save		
English	-	Comment		
Ligio	•			
				1
		ОК	Cancel	Apply
			ouncer	( 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 activities to the Tone Made	1.25m	1.60 MHz 👻	
columns according to the Tone Mode 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	n the list.		
	ОК	Cancel	Apply

### Memory Defaults

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



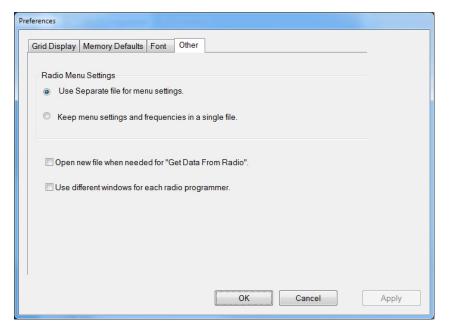
Preferences	
Grid Display Memory Defaults Font Other	
Eont MS Sans Serif MS Serif O MS Ul Gothic That M T Extra O MV Boli O Mvriad Pro O Mariasim O Niacara Encraved O Niacara Encraved O Niacara Solid Sample AaBbryzz 0123456789	Size: 8 10 12 14 18 24 •
ОК	Cancel Apply

### 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.

### 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.