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ADMS-8500 Programming Software for the Yaesu FT-8500

🔲 FT-8	500 Program	mer - FT-8500	Sample *												
<u>F</u> ile	Edit Comm	unications <u>S</u>	ettings <u>W</u>	/indow <u>H</u>	elp										
	FT-8500 Sample * x														
		-	011	04.1	0				т					D	
	Receive Frequency	Transmit Frequency I	Offset requency	Offset Direction	Operating Mode	Name	Tone Mode	CTCSS	Tx Power	Skip	Mask	Step	Pager	Pager Channel	Comment
1.1	118.85068	118.05000		Simplex	AM		None	88.5 Hz	High			25 kHz	Off	P	7
1-2	118.06250	118.06250		Simplex	AM		No		_	<u> </u>		_	_	Р	
1-3	118.07500	118.07500		Simplex	AM		No MO	emorv	/ Char	nel	Func	tions		Р	
1.4	118.08750	118.08750		Simplex	AM		INOL	,						P	
1.5								HF a	nd UF			ries			
1.6	145.57500	145.57500		Simplex	FM		No		(left to	o right)				P	
1.7	146.01000	146.61000 60		Plus	FM		No Rece	ive Frec	nuency	T	x Pow	or		P	
1.8	146.03500	146.63500 60		Plus	FM		NO		. ,		× 1 0 W	CI		P	
1.9	146.06000		140.00000 000 KHZ Hus HM HIM HIM Iransmit Frequency Skip				P								
1.10	146.08500	146.68500 60					NO				lask			P	
2·1 2·2	148.08750 144.27500	148.08750 144.27500	M	emory	Types		No Offse	t Frequ	ency	IV	Iask			P	
2.2	144.27500	144.27500	_	(left to r	right)		No Offse	t Directi	ion	S	tep			P	
2.4	144.32500	144.31230		⁻ Memor	loc									P	
2.5	144.02000	144.32300		memor	les		Upera	ating Mo	ode	P	ager			1	
2.6	145.50000	144,90000 60		- Memo	ries		No Name	2		P	ager (Channe		P	
2.7	145.52500	145.52500	-				No				0			P	
2-8	145.55000	145.55000		Limit IV	lemories		No. Tone	Mode		С	omme	ent		P	
2.9	145.57500	145.57500	UHE	- Limit N	<i>l</i> emories		No CTCS	C						P	
2.10	145.60000	145.00000 60	01		nemones		Not	3						P	
3-1	145.62500	145.02500 6	VFO)			None	88.5 Hz	High			5 kHz	Off	P	
3-2			Hon	20											
3-3	147.00000	147,80000 60		lie			None	88.5 Hz	High			5 kHz	Off	Р	
3-4		147.61250 60		Plus	гм		None	88.5 Hz	High			5 kHz	Off	P	
3-5		147.62500 60		Plus	FM		None	8 Hz	High			5 kHz	Off	Р	
14 4	N VHF M	emories 🖌 UHF	Memories	VHF Limit M	lemories 🖉 UH	F Limit Me	mories VFO	Home							

The ADMS-8500 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:

- 50 VHF Memory Channels
- 50 UHF Memory Channels
- 4 VHF Limit Memories (2 pair)
- 4 UHF Limit Memories (2 pair)
- 4 VFO Channels (2 each VHF and UHF)
- 2 Home Channels (1 each VHF and UHF)
- 2 Priority Channels (1 each VHF and UHF)

Other Menu Item Categories Include:

- Common
- DTMF/Messages
- Left Paging
- Right Paging

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

With the ADMS-8500 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-8500 Programming Software **Memory Types**

🌋 FT-8500 Sample * 🗙								
Receive Transmit Frequency Frequency	Offset Frequency	Offset Direction	Operating Mode	Name Tone Mode CTCSS	Functions	Step	Pager Pager Channel	Comment
				Receive Frequency Transmit Frequency Offset Frequency Offset Direction Operating Mode Name Tone Mode CTCSS	Tx Power Skip Mask Step Pager Pager Channel Comment			
4 N N VHE Memorine /1	HE Manazian	VHE Limit Mar		E Limit Memories VFD / Home				

VHF and UHF 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.

FT-	3500 Program	mer - FT-850	0 Sample *											
<u>F</u> ile	<u>E</u> dit <u>C</u> omm	unications	<u>S</u> ettings <u>V</u>	<u>/</u> indow <u>H</u>	elp									
	FT-8500 Sam	nple* ×												▼
	Receive Freq <u>uency</u>	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Tone Mod	CTCSS	Tx Power	Step	Pag	^{ger} C	Pager Channel	Comment
VHF	144.00006	144.00000		Simplex 💌				👻 88.5 Hz 🔹		5 kHz 🔸		🕶 P	-	7
VHF UHF	144.00000 430.00000	430.00000	~	Simplex Simplex	FM FM		None	88.5 Hz	High	5 kHz	Off	P		
UHF	430.00000	430.00000		Simplex	FM	<u>۱</u>	/FO Cł	annel	Funct	ions	-	P		
							10 0	(left to rig					/	
						Rece	ive Frequ	uency	CTCS	SS	F			
						Trans	mit Frec	uency	Tx Po	ower				
						Offse	t Freque	ncy	Step					
						Offse	t Directio	n	Page	r				
						Opera	ating Mo	de	Page	r Chan	nel			
						Name	е		Com	ment				
						Tone	Mode							
						L								
14 4	VHE M	emories / LIH	E Memories	VHE Limit M	emories (11	HE Limit Me	mories VEC	Home						
	· · · · · · · · · · · · ·		in monorios	THE LINK P		in Link fire	10100 110							

VFO

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.



	-8500 Sample *	Transmit	Offset	Offset	Operating				Tx	_	-	Pager			
	Frequency	Frequency	Frequency	Direction	Mode	Name	Tone Mode	CTCSS	Power	Step	Pager	Channel	Comment		
IF Home	144.599900	144.00000	-	Simplex 👻				88.5 Hz 👻					7		
IF Home /HF Pri	430.00000 144.00000	430.00099	-		FM FM	_	None	88.5 Hz	High	25 kHz	011	P B			
JHF Pri	430.00000	430.00000			FM_	_	Ham	e Mem			~ ~ ~				
							Receive F	(left	to right	CTCSS					
									2	Tx Pow					
							Transmit		-		er				
							Offset Fre	equency		Step					
							Offset Dir	ection		Pager					
							Operating	ting Mode		Pager (Channe	el 🛛			
							Name	Name				Comme	ent		
							Tone Mod	le							
						L									

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.

BHF/UHF Pri - Priority channel for Priority Scanning function. To use a memory channel, copy the details from that channel to here and paste.



RADIO PROGRAMMING MADE EASY

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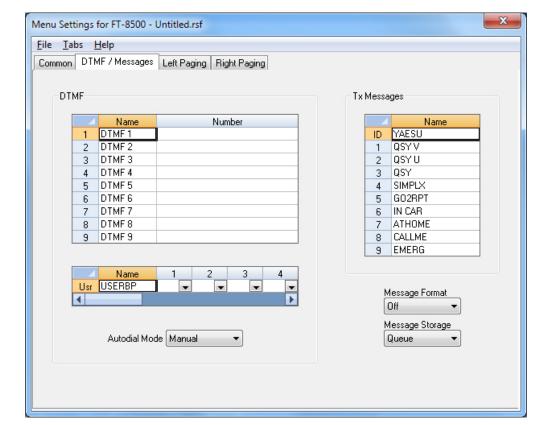
ADMS-8500 Programming Software Radio Option Setting Screens

le <u>T</u> abs <u>H</u> elp			
ommon DTMF / Messages Left F	Paging Right Paging		
	Band		
Receive Mode Lock Sele	ect Left Scar	Mode	Left Right
VHF / UHF 👻 Dial	 Busy Tim 	ie Resume 🔹 🗸 🗸	Alpha Display 📝 🛛 📝
Auto Power Off Menu Sel	ect Right Sca	n Mode Auto R	Repeater Shift 👿 🛛 🔽
Off English			Jency Display 🔽 🛛 🔍
Brightness Scan Spe	ed		
Auto 2 👻 Normal	-		
Contrast Sub Banc	Operation		Spectrum Display
Level 8 Contrast Contra	- Auto		Width
	0#	•	2 pixels 🔹
CW Speed Time Out 3 wpm			
3 wpm 🔻 3 min	Level		Spacing 1 pixel 👻
📃 Cross Band 🛛 📝 K	Ceypad Beep Time		Markers
📃 Direct Frequency Entry 🛛 🔲 F	PTT Lock 1 min	•	100 KHz 🔻
📝 Intelligent Band Display			
	– Packet Set	inas	
Comment	Baud Rat	-	Data Jack
	1200 Ba	ud 🔻	VHF -

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.



DTMF/Messages

Enter DTMF memory details and customize options for this function of the radio. Set options for the Opening Message and text message details.



Menu Settings for FT-8500 - Untitled.rsf		×
<u>F</u> ile <u>T</u> abs <u>H</u> elp		
Common DTMF / Messages Left Paging Right Paging	ging	
Options	Codes	
Dne Touch	Personal (P) 000 📝 Disa	able
□ Repeat Every Minute Answer Back Off Rings 5 Ring Type Beep	# Page Code # Page 1 000 ✓ Disable 4 00 2 000 ✓ Disable 5 00 3 000 ✓ Disable 6 00	0 V Disable
TxDelay 450 ms ▼	CTCSS Bell Ringer	
Message CW Monitor	Repeat Every Minute Rings Ring Ty 5 Beep	rpe

Left and Right Paging

Enter codes and set options for Paging function of the radio.



ADMS-8500 Programming Software **Preferences – Version 4.50**

Preferences			
Grid Display Memory Defaults Font	Other		
Freeze 1	Mark the columns t		
	Column	Hide 🛆	
Alternate row	Transmit Frequency		
A	Offset Frequency		
1 Row1	Offset Direction		
2 Row 2	Name		
3 Row 3	Tone Mode		
4 Row 4	CTCSS		
	Rx CTCSS		
Fore Back	DCS		
	TxPower		
	Busy Channel Lockout		
Use Combo for Check box	Skip		
	Clock Shift		
Language:	Battery Save		
	Comment		
English •			
		T	
1			
	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	
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	1.25m	1.60 MHz	•
columns according to the Tone Mode selection.	70cm	5.00 MHz	-
Add and Remove Offsets	n the list.		
	ок	Cancel	Apply

Memory Defaults

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



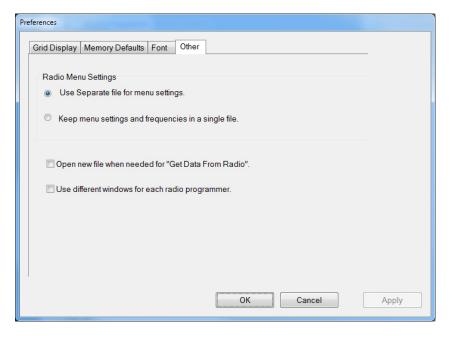
Preferences	A Comment of the second s
Grid Display Me	emory Defaults Font Other
Eont MS Sans S MS Sar MS Ser Ø MS UIC Ø MV Boli Ø MVriad Ø Mvriad Ø Mvriad Ø Nvriad Ø Narkisi Ø Niacara Ø Niacara	In Serif if Sothic ra i Pro Pro Cond Pro Cond Pro Pro Cond Pro Pro Pro Pro Pro Pro Pro Pro
	OK Cancel Apply

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.