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ADMS-1F Programming Software for the Yaesu VX-110/VX-150

_	150 Program														×
<u>F</u> ile	ile <u>E</u> dit <u>Communications</u> <u>E</u> ttings <u>W</u> indow <u>H</u> elp														
	VX-150 Unt	itled1 * ×													
4	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	DCS	Skip	Step	Clock Shift	Comment	
1	144.25569	144.27500		Simplex	FM	_		None	100.0 Hz	023	Off	5 kHz		\rightarrow	
2	144.28750	144.28750		Simplex	FM					-					
3	144.30000	144.30000		Simplex	FM		Men	ory Ch	annel	lunc	tions	5			
4	144.31250	144.31250		Simplex	FM			(left	to right)						
5							Derei			τ					
6	145.50000	144.90000	600 kHz	Minus	FM		Receiv	e Frequer	тсу	Tone	vioae				_
7	145.51250	145.51250		Simplex	FM		Transn	nit Freque	ncv	CTCS	S				_
8	145.52500	145.52500		Simplex	FM										
9	145.53750	145.53750		Simplex	FM		Offset Frequency DCS								_
10	145.55000	145.55000		Simplex	FM		Offect	Direction		Skip		_			_
11	145.56250	145.56250		Simplex	FM		Unser	Direction		экір					_
12	145.57500	145.57	Aomon		1		Operat	ting Mode		Step		_			_
13	146.01000	146.61	Aemory (left to	Types			N.	0		Ola ali	CIP:CP				
14 15	146.01000	146.63	(left to	right)	n		Name			Clock	Shill				
16	146.05000	146.66	Nemories		n		Show Name Comments								
17	146.06000	140.00			n		0.1011	lanio							_
18	147.00000	147.60	imit Men	nories				None	100.0 Hz	023	Off	5 kHz			-
19	147.00000		/FO		a di a			None	100.0 Hz	023	Off	5 kHz			-
20	147.02500	147.62	10		i.	-		None	100.0 Hz	023	Off	5 kHz			_
21	147.02300	147.63	lome		i i		himmed	None	100.0 Hz	023	Off	5 kHz			_
22	147.05000	147.65000		Plus	TFM			None	100.0 Hz	023	Off	5 kHz			_
23	147.06250	147.66250		Plus	EM			None	100.0 Hz	023	Off	5 kHz			_
24	147.07500	147.67500		Plus	EM	-	himmed	None	100.0 Hz	023	Off	5 kHz			_
25	147.08750	147 8750		Plus	FM			None	100.0 Hz	023	Off	5 kHz			
	Memor					1				1					
				A						_	_				

The ADMS-1F 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:

- 199 Memory Channels
- 10 Limit Memories (5 pair)
- 2 VFO Channels
- 1 Home Memory

Other Menu Item Categories Include:

- Common
- DTMF and Paging Codes

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

With the ADMS-1F 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-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-1F Programming Software **Memory Types**

	ntitled1 * ×												
Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	DCS	Skip	Step	Clock Shift	Comment
		-	-	-			-	-	-	-	-		
			~										
				<u> </u>		,		-				_	
						Imit	Memory		tions				
							(left to ri	0					
					Rec	eive Fr	requency	Tone	e Mode	e			
					Tran	ismit F	requency	СТС	SS				
					Offs	et Frec	quency	DCS					
						et Dire		Skip					
						rating	wode	Step					
					Nan	ne		Cloc	k Shift				
					Sho	w Nam	ne	Con	ments	5			
										_			

Limit Memories

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

VX-150 Programmer - VX-150 Untitled1 *			
<u>F</u> ile <u>E</u> dit <u>C</u> ommunications <u>S</u> ettings <u>W</u> indow <u>H</u> elp			
VX-150 Untitled1 * ×			-
Receive Transmit Offset Offset Operating Frequency Frequency Direction Mode	Tone Mode CTCSS DCS Step Clock Shift	Comment	
A 1445000 144.00000 Simplex FM -	None 💌 100.0 Hz 🕶 023 💌 5 kHz 💌 📃	7	
B 144.00000 144.08990 Simplex FM			
	VFO Channel Functions		
	Receive Frequency CTCSS		
	Transmit Frequency DCS		
	Offset Frequency Step		
	Offset Direction Clock Shift		
	Operating Mode Comments		
	Tone Mode		
I I I I Memories Limit Memories VFO Home			•
LITE A MEMORIES LIMIT MEMORIES VFU Home			

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.



VX-150 Programmer - VX-150 Untitled1 *				
<u>File Edit Communications Settings W</u> indow <u>H</u> elp				
VX-150 Untitled1 * ×				-
Receive Transmit Offset Offset Operating Transmit Frequency Frequency Direction Mode	one Mode CTCSS DCS Sta	ep Clock Shift	Comment	_
Home 144.00000 Simplex FM Nor	ne 💌 100.0 Hz 💌 023 💌 5 kH		7	
	Home Channel F (left to right)			
	Receive Frequency	CTCSS		
	Transmit Frequency	DCS		
	Offset Frequency	Step		
	Offset Direction	Clock Shift		
	Operating Mode	Comments		
	Tone Mode			
L				
H + + H Memories Limit Memories VFO Home				

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-1F Programming Software **Radio Option Setting Screens**

Menu Settings for VX-150 - Untitle File Tabs Help Common DTMF and Paging Codes		
Auto Repeater Busy Carrier Lockout Busy/TX LED Edge Beep Key Beep Scan Lamp Tx Save VFO Split	Auto Power Off Off Bell Ringer Off Lamp Mode Key Lock Mode	Moni/TCall Key Monitor Rev/Home Key Reverse Rx Save 0.2 sec Scan Resume
	Key ▼ P1 Key ARTS ▼ P2 Key Smart Searc ▼	5 Second ▼ Smart Search Single ▼ Time Out Timer Off ▼
ARTS Beep In Range CW ID	Interval 15 sec –	Tx Power High ▼

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 VX-150 - Untitled.rsf	x
<u>F</u> ile <u>T</u> abs <u>H</u> elp	
Common DTMF and Paging Codes	
DTMF Settings	Pager Codes (requires FVP-25)
Channel 0 🗸	Answer Back
	Scrambler
Delay 50 ms -	1 🔲 000
Speed 50 ms 👻	2 🔲 000
	3 🔲 000
	4 🔲 000
DTMF	5 🔲 000
1	6 🔲 000
2	7 🔲 000
3 4	8 🗖 000
5	9 🗖 000
6	5 E 111
8	

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-1F Programming Software **Preferences – Version 4.50**

Preferences		
Grid Display Memory Defaults Font	Other	
Freeze 1	Mark the columns to h	iide.
Freeze 1	Column	Hide 🔄
	Transmit Frequency	
Alternate row	Offset Frequency	
1 Row1	Offset Direction	
1 Row1 2 Row2	Name	
3 Row 3	Tone Mode	
4 Row 4	CTCSS	
4 10004	PxCTCSS	
Fore Back	DCS	
	TxPower	
	Busy Channel Lockout	
Use Combo for Check box	Skip	
	Clock Shift	
Language:	Battery Save	
English -	Comment	
English		
	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.



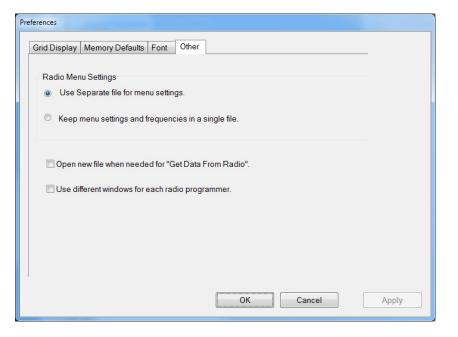
Preferences	A Comment of the second s
Grid Display Me	emory Defaults Font Other
Eont MS Sans S MS Sar MS Ser Ø MS UIC Ø MV Boli Ø MVriad Ø Mvriad Ø Mvriad Ø Nvriad Ø Narkisi Ø Niacara Ø Niacara	In Serif if Sothic ra i Pro Pro Cond Pro Cond Pro Pro Cond Pro Pro Pro Pro Pro Pro Pro Pro
	OK Cancel Apply

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.