

## ADMS-1G Programming Software for the Yaesu VX-7

<u>F</u> ile	<u>E</u> dit <u>C</u> omm	unications <u>S</u> e	ttings <u>W</u>	/indow <u>H</u>	elp															
1	VX-7 Untitle	d1* ×																		
	Receive Frequency	Transmit Frequency F	Offset requency	Offset Direction	Operating Mode	Name	Tone Mode	CTCSS	DCS	Tx Power	Skip	Step	Clock Shift	Half Dev	lcon	Mask	Bank 1	Bank 2	Bank 3	Bank 4
P1	145.58008	144.90000 60	0 kHz	Minus	FM		None	100.0 Hz	023	High	Off	5 kHz			1					$\rightarrow$
2	147.24000	147.84000 60		Plus	FM		None	100.0 Hz	023	High	Off	5 kHz			1					
3	146.94000	146.34000 60	0 kHz	Minus	EM					-		kHz			1					
4							Memor	y Char	nnel	Funct	ions									
5	445.52000	440.52000 5.0		Minus	FM			. (left to	o right)			5 kHz			1					
6	443.00000	448.00000 5.0		Plus	FM		Destine		0.1	TODA		5 kHz			1					
7	446.25000	441.25000 5.0	00 MHz	Minus	FM		Receive Fr	requenc	У	Tx Pow	/er	5 kHz			1					
8							Transmit F	requenc	v	Skip										
9	50.00000	50.00000	Man						-			kHz			1					
10	53.25000	53.25000	wier	nory T	ypes		Offset Free	quency		Step		kHz			1					
11			(1	eft to righ	nt)		Offset Dire	otion		Clock S	hift	_								
12	14.02500	14.02500	Morr	ories			Unset Dire	CLIOTI		CIUCK	DITTL	kHz			1					
13	14.17555						Operating	Mode		Half De	ev									
14	10.12050	1011000	Limit	Memori	es –															
15	10.14000	10.14000	0	Tauala			Name			Icon		kHz			1					
16	0.01.000	0.01000	One	Touch			Tone Mode	2		Mask		kHz								
17 18	3.81000 3.82500	3.81000 3.82500	Hype	er Memo	ries		10110 11100					kHz kHz			1					
18	3.62500	3.62500					CTCSS			Bank 1	to 9	KHZ			1					
20	21.02500	21.02500	VFO				DCS			Comme	ant	kHz			1					
20	21.02500	21.02500	Hom	0			000			Comm	SIIL				1					
21	28.00000	28.0000	HOIII	0		<u> </u>	None	100.0 Hz	023	High	Off	5 kHz			1					
22	28.55550	20.00000	-	ompion			NUNC	100.0 Hz	023	riigh	On	3 1/12			1					
23	28.53500	28.53500		Simplex	AM		None	100.0 Hz	023	High	Off	5 kHz			1					
25	20.0000	20.0000		ompica			Nono	100.0112	020	riigh	011	O MIZ								

The ADMS-1G 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:

- 450 Memory Channels
- 40 Limit Memories (20 pair)
- 10 One Touch Memories
- 10 Hyper Memories (main and sub)
- 11 VFO Channels
- 11 Home Memories

#### Other Menu Item Categories Include:

- Toggles
- Display
- General
- Icon/Font
- Wx Names

The Programmer Is for so Much More than Just Memory Management. With the ADMS-1G 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-57B 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-1G Programming Software **Memory Types**

VX-7 Programme	r - VX-7 Unti	tled1 *															_		x
<u>F</u> ile <u>E</u> dit <u>C</u> omm	unications	Settings W	indow <u>H</u> e	lp															
🎽 VX-7 Untitle	ed1* ×																		•
Receive Frequence	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Tone Mode	CTCSS	DCS	Tx Power	Skip	Step	Clock Shift	Half Dev	lcon	Mask_	-		Comm	ent 📤
1L				-					-	-									
10										_				-					_
2L 2U					Lie	nit Me	more	Fund	tions										_
3L					LII		nory i	Funci	lions		$\sim$								_
30						(16	eft to righ	nt)		F									_
4L					Receiv	e Frequ	ency	Tx P	ower										
40							-	Skin											
5L					Inansi	nit Frequ	lency	Skip											
50					Offset	Frequen	су	Step											
6L					Offcot	Directior	- \	Cloc	k Shift	_									_
6U										_									_
7L 7U					Opera	ting Mod	е	Half	Dev	_									_
8L					Name			Icon		_									
80																			
9L					Tone N	Node		Mas	k										
9U					CTCSS	3		Com	iment										
10L								Com											
100					DCS														
11L							-			_									_
11U 12L					· · · · ·														
120																			_
13L																			-
Memori	ies 🚽 Limit Me	mories One	Touch Hyp	per Memories	VF0 He	ome					•								
	_										-								

#### **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.

VX-	7 Programme	er - VX-7 Unti	tled1 *														
<u>F</u> ile	<u>E</u> dit <u>C</u> omr	nunications	<u>S</u> ettings <u>W</u>	<u>/</u> indow <u>H</u> e	lp												
	VX-7 Untitl	ed1 * X															 
	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Tone Mode	CTCSS	DCS	Tx Power	Skip	Step	Clock Shift	Half Dev	lcon	Mask	Comment
1 2	K		-	•	•		-	-	•	•	•	•			•		
3			<u> </u>								-						
4 5 6				<u> </u>			One Tou	<b>ich Fu</b> eft to righ		ns					_		
7						Rece	ive Freque	ency	Tx Po	ower							
8						Trans	smit Frequ	ency	Skip								
10						Offse	t Frequen	су	Step								
						Offse	t Directior	ı	Clock	< Shift							
						Oper	ating Mod	е	Half	Dev							
						Nam	е		Icon								
						Tone	Mode		Mask	<							
						CTCS	SS		Com	ment							
						DCS											
14 4	▶ ▶ Memo	ries 🖌 Limit Me	emories 🔬 One	Touch Hy	per Memories_	(VFO /	Home					•					

## One Touch

One Touch memories are recalled on the radio using the numeric 1-9 keys. These one touch recall memories can be in any band, or even all in the same band while the Home Channels are limited to one pre band. Use copy and paste to duplicate information here from a memory channel.



		munications	<u>S</u> ettings	Window	<u>H</u> elp													
<u>i</u>	VX-7 Until	tled1 * ×	-															
	Enable	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	0p	erating Aode	Name	Tone Mode	CTCSS	DCS	Tx Power	. Skip	Step	Clock Shift	Half Dev	lcon	Mask
/lain		144.00	144.00		Simplex	▼ FM	-		None 💌	100.0 Hz 💌	023	🗸 High	💌 Off	💌 5 kHz 🔍			1	
Sub		499-00	430.00		Simplex	FM			None	100.0 Hz	023	High	Off	25 kHz				
1ain	_	144.00	144.00	<hr/>	Simplex	FM	н	vner M	1emory	Funct	ions	High	Off	5 kHz			1	
Sub		430.00	430.00		Simplex	FM		ypern	(left to rig	ht)	10113	High	Off	25 kHz			1	
					_		E		(left to fig									
Main		144.00	144.00		Simplex	FM	Enal	ole		DCS		High	Off	5 kHz			1	
Sub		430.00	430.00		Simplex	FM	Rec	eive Frec	juency	Tx Po	wer	High	Off	25 kHz			1	
Main		144.00	144.00		Simplex	FM	Tran	smit Fre	allency	Skip		High	Off	5 kHz			1	
Sub		430.00	430.00		Simplex	FM						High	Off	25 kHz			1	
							Offs	et Frequ	ency	Step								
Main		144.00	144.00		Simplex	FM FM	Offs	et Directi	ion	Clock	Shift	High	Off	5 kHz			1	
Sub		430.00	430.00		Simplex	FM						High	Off	25 kHz			1	
Main		144.00	144.00		Simplex	FM	Ope	rating M	ode	Half D	ev	High	Off	5 kHz	[TT]		1	
Sub		430.00	430.00		Simplex	FM	Nam	ne		Icon		High	Off	25 kHz			1	
oub							Top	Mada		Maak								
Main		144.00	144.00		Simplex	FM	TONE	e Mode		Mask		High	Off	5 kHz			1	
Sub		430.00	430.00		Simplex	FM	CTC	SS		Comm	nent	High	Off	25 kHz			1	
Main		144.00	144.00		Simplex	EM EM			None	100.0 Hz	023	_ High	Off	5 kHz			1	
Sub		430.00	430.00		Simplex	FM			None	100.0 Hz	023	High	Off	25 kHz			1	
Jub		430.00	+30.00		Simplex	1.171			Hone	100.0112	020	righ	on	20 1012				
Main	_	144.00	144.00		Simplex	FM			None	100.0 Hz	023	High	Off	5 kHz			1	

#### **Hyper Memories**

Ten separate configurations for specialized activities.

🗆 V)	(-7 Programme	r - VX-7 Untitled	1*							
<u> </u>	<u>E</u> dit <u>C</u> omm	unications <u>S</u> et	tings <u>W</u> indow <u>H</u>	lelp						
	VX-7 Untitle	ed1 * ×								•
BC SW FM V-TV 6m 2m 2m 1.25 70cn Act1 Act2	Receive Frequency           0.55593           1.80000           59.00000           174.00000           50.00000           144.00000           222.00000           430.00000           108.00000           380.00000	Transmit	Offset Offset equency Direction Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex	Mode           Mode           AM           WFM           WFM           FM           FM	one one one one one one one one Of Ope Of To	💌 100.0 Hz 💌 023 💌	Pl Functions right) y DCS	ft	Half Dev Icon	Comment
	► ► Memori	ies 🔟 Limit Memori	ies (One Touch (H	lyper Memories	VFO Ho	ome				

#### 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.



<u>File E</u> dit <u>C</u> omr		 										
Receive Frequency           BC         0.53680           SW         1.80000           FM         59.00000           VTV         174.00000           6m         50.00000           2m         144.00000           1.25         222.00000           70cm         430.00000           Act1         380.00000           Act2         860.00000	Transmit Frequency 0.54000 1.86990 59.00000 174.00000 222.00000 430.00000 430.00000 380.00000 860.00000	Offset Direction Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex Simplex	Mode           AM         N           AM         N           WFM         N           FM         N	on Re on Tra on Off Off Op Tor	• 100.0 Hz 100.0 Hz 1000 Hz	eft to rig uency uency ncy	High Func ht) DC Tx Ste Clo Ha Ico	S Power p ock Shift If Dev	Half Dev	I v	Comment	

## 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-1G Programming Software **Radio Option Setting Screens**

Menu Settings for VX-7 - U	Intitled.rsf		x
<u>F</u> ile <u>T</u> abs <u>H</u> elp			
Toggles Display General	Icon / Font Wx Na	ames	
<ul> <li>✓ ARS</li> <li>✓ Dual Receive</li> </ul>	] BCLO   Band Link   Busy Led   Moni\TCall   Moni/F Change   Home\Reverse	ATT MicMonitor AutoRxMode Ch1UserWrite ArsEnable	<ul> <li>Tx Save</li> <li>Sub Band Mute</li> <li>Hyper Write</li> <li>Edge Beep</li> <li>Lock</li> </ul>
Band  Main VFO Sub VFO DTMF  DTMF  2 3 4 5 6 7 8 9	<ul> <li>All ● Band</li> <li>Auto Power Off</li> <li>Off ▼</li> <li>Time out timer</li> <li>2.5 min ▼</li> <li>Bell</li> <li>Off ▼</li> <li>Scan Resume</li> <li>5 sec ▼</li> </ul>	Rx Save 200 ms ▼ Internet Enable Mode Vertex ▼ DTMF 1 Code DTMF 0 CH #	Lock Mode Key V Squelch Main Sub

#### Toggles

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-7	- Untitled.rsf	×
File Tabs Help		
Toggles Display Gen	eral   Icon / Font	t Wx Names
Display Mode	Icon Select	Main Busy Strobe 1 🚽 1 🛑 🛛 LED 1
None	MW 1 SW 2	Sub Busy Strobe 2 🗸 2 🛑 LED 2
Language	FM 3	Dual Busy Strobe 3 - 3 LED 3
English 🔻	TV 4 6m 5	Main Tx Strobe 4 V 4 LED 4
Contrast	2m 6	Sub Tx Strobe 5 5 5 LED 5
	222m 7 70cm 8	
Dimmer	70cm 8 Air 9	
<u>_</u>	Act1 10	Lamp Mode 7 LED 7
☑ Display2x	Act2 11 VF0 12	Main Meter Symbol
🔲 Icon Set	Memory 13	S1    12345678 9 LED 9
Emergency	M.Tune 14 PMS 15	Sub Meter Symbol 10 LED 10
Beep+Strobe 🔻	Home 16	S1 ▼ 12345678

#### Display

Use these settings to adjust the Display of the radio.



Menu Settings for VX-7 - Unti	tled.rsf		×
<u>F</u> ile <u>T</u> abs <u>H</u> elp			
Toggles Display General I	con / Font Wx Names		
Vox Sensitivity Off Vox Delay 0.5 second	BaroUnits mbar BaroOffset O	Altimeter 💿 m 💿 ft Alt Offset 0	
Timer On Enable Off Enable Time Alert Spectrum Analyzer Mode Single Channel Span ±5 Channel Span ±5 Channel Span	Sensor Display Time Wave Monitor All Channel Counter ±5 MHz Special Select Off	Temperature C F ARTS ArtsSwitch Arts Speed 25 sec T Arts Beep In Range T CW ID	

## General

Easily set up other options for the radio.

Menu Settings for VX-7 - Un	titled.rsf			×
<u>F</u> ile <u>T</u> abs <u>H</u> elp				
Toggles Display General	Icon / Font Wx Na	mes		
Icon Editor		E . E D		
	۲	Font Editor	۲	
			$\odot$	
	0		0	
	0		$\odot$	
			0	
	🔲 Show Gu	ides		

#### lcon

Design your won icons to use on the face of the radio.



Menu Settings for VX-7 - Untitled.rsf	
<u>F</u> ile <u>T</u> abs <u>H</u> elp	٦
Toggles Display General Icon / Font Wx Names	
WxAlert	
WX Names	
2	
3 4	
5	
6	
7	
8	
9 10	

#### Wx Names

Enter names for the NOAA weather frequencies of the radio's Weather Broadcast channel bank.



## ADMS-1G Programming Software **Preferences – Version 4.50**

Preferences						
Grid Display	Memory Defaults F	ont Other				
_	1		Mark the column	is to hide.		
Freeze	1		Column	Hide		
		Transr	nit Frequency			
A A	Iternate row		Frequency			
	1 Row1	Offset	Direction			
	2 Row 2	Name				
	3 Row 3	Tone N				
	4 Row 4	CTCS				
		Rx CT	CSS			
	Fore Back	DCS				
		Tx Pov	ver Xhannel Lockout			
	ombo for Check box	Skip	manner Luckout			
l Use C	ombo for Check box	Clock	Shift			
		Battery				
Langu	-	Comm				
Englis	sh 🔻					
					<b>•</b>	
			ОК	Cancel	Appl	y

## 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 available.	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     Pick an offset frequency then click       1     100 kHz     remove to delete it from the list.       2     500 kHz     Remove       3     600 kHz     To add an offset       4     1.00 MHz     Image: state st			
	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       MS Ul Gobic     12       Wriad Pro     14       Mwriad Pro Cond     18       Mwriad Pro Liaht     24       Muriad Pro Solid     10       Muriad Pro Solid     14
Sample AaBbYyZz 0123456789
OK Cancel Apply

Preferences

Grid Display Memory Defaults Font Other

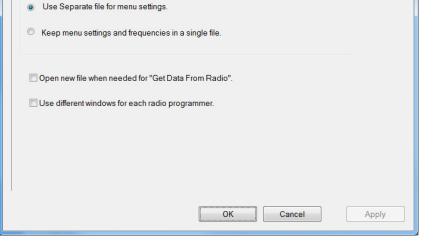
Radio Menu Settings

#### 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.





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