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ADMS-1907 Programming Software for the Yaesu FT-1907

<u>File Edit Communications Settings Window H</u> elp																				
1	FT-1907 San	nple ×																		
4	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	Rx CTCSS	DCS	Rx DCS	Tx Power	Skip	Step	Mask	Clock Shift	BANK 1	BANK 2	BAI
P0	438.52508	433.32500	5.00 MHz	Minus	FM			None	100.0 Hz	100.0 Hz	023	023	High	Off	25 kHz					ľ
1	439.75000	439.75000		Simplex	FM			Mono	100.0 U-	100.0 U-	<u>102</u> 3	023	High	Off	25 kHz					[
2	438.12500	438.12500		Simplex	FM	N	1ema	ory Chan	nel Fu	nctions	3	023	High	Off	25 kHz					[
3							icine			incuons										[
4	438.40000	433.40000		Minus	FM			(left to	right)		3	023	High	Off	25 kHz					[
5	438.20000	433.20000	5.00 MHz	Minus	FM	R	eceive	e Frequenc	v Do	S	3	023	High	Off	25 kHz					[
6	438.12500	438.12500		Simplex	FM						3	023	High	Off	25 kHz					
7	438.05000	438.05000		Simplex	FM	Ti	ransm	it Frequence	cy Ro	(DCS	3	023	High	Off	25 kHz					[
8	438.30000	433.30000	5.00 MHz	Minus	FM		ffcot E	requency	T	Power	3	023	High	Off	25 kHz					[
9				. т			iiset r	requency	17	Fower										[
10	438.22500		Memory		.	0	ffset D	Direction	Sk	lip	3	023	High	Off	25 kHz					[
11	438.40000	433.4	(left to	right)							3	023	High	Off	25 kHz					
12	438.30000	433.3 M	emories			0	perati	ng Mode	St	ер	3	023	High	Off	25 kHz					
13	438.75000	400.7	eniones				ame		М	ask	3	023	High	Off	25 kHz					
14	448.32500	443.3 Li	mit Memo	ories							3	023	High	Off	25 kHz					
15	446.15000	441.1	-0			S	how N	lame	CI	ock Shift	3	023	High	Off	25 kHz					
16			-0					odo	D.	ndi 1 to C										
17	444.85000	449.8 H	ome				one M	oue	Ba	ank 1 to 8	3	023	High	Off	25 kHz					
18	443.81250	448.8				C	TCSS		Co	omment	3	023	High	Off	25 kHz					[
19	444.45000	449.45000		rius	TIM	-			00	, minorit	3	023	High	Off	25 kHz					[
20	442.00000	447.00000		Plus	FM	R	x CTC	SS			3	023	High	Off	25 kHz					
21	442.25000	447.25000		Plus	FM					1.00.0.1.0	3	023	High	Off	25 kHz					[
22	446.25000	441.25000		Minus	FM			None	100.0 Hz	100.0 Hz	023	023	High	Off	25 kHz					[
23	449.92500	444.92580		Minus	FM			None	100.0 Hz	100.0 Hz	023	023	High	Off	25 kHz					[
24	442.25000	447	5.00 MHz	Plus	FM			None	100.0 Hz	100.0 Hz	023	023	High	Off	25 kHz					. [

The ADMS-1907 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
- 18 Limit Memories (9 pair)
- 1 VFO Channel
- 1 Home Channel

Other Menu Item Categories Include:

- Common
- Misc. Settings
- DTMF/Internet

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

With the ADMS-1907 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-29F interface cable. The cable connects the radio to the computer from the USB port on the computer to the mic jack on the radio.



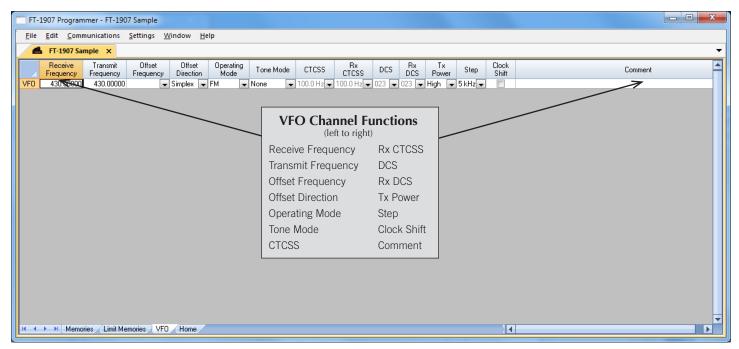


ADMS-1907 Programming Software **Memory Types**

Frequency Frequency Direction Mode Name Name CLSS CLSS DLS DCS Power Skip Skip <th>Receive</th> <th>Transmit</th> <th>Offset</th> <th>Offset</th> <th>Operating</th> <th>, Show</th> <th></th> <th></th> <th>Bv</th> <th></th> <th>Bv</th> <th>Tx</th> <th></th> <th></th> <th></th> <th>Clock</th> <th></th> <th></th>	Receive	Transmit	Offset	Offset	Operating	, Show			Bv		Bv	Tx				Clock		
Limit Memory Functions (left to right) Image: Construction of the construction o	Frequency	Frequency		Direction	Mode	Name Name	Tone Mode	CTCSS	Rx CTCSS	DCS	Rx DCS	Power		Step	Mask	Shift		
Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constraint of the right Image: constrating of the right Image: constrating of the r	-		-	-			-	-	-	-	•	-	-	-			~	
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						Tone Mod	le	Clock	< Shift									
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CICSS Comment						01055		Com	ment									

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.



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.



FT-1907 Sample X Receive Transmit Offset Offset Operate Frequency Frequency Direction Mode te 430/00000 Simplex FM	ing Tone Mode CTCSS R× ■ None ▼ 100.0 H2 ▼ 100.0 H		Tx Step Clock Power Shift	Comment
	Home Memory (left to righ	Functions		
	Receive Frequency	Rx CTCSS		
	Transmit Frequency	DCS		
	Offset Frequency	Rx DCS		
	Offset Direction	Tx Power		
	Operating Mode	Step		
	Tone Mode	Clock Shift		
	CTCSS	Comment		
			1	

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.





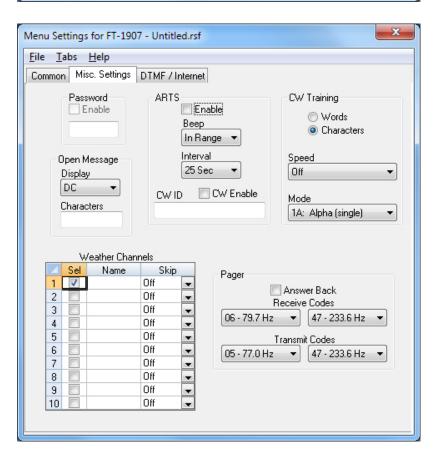
ADMS-1907 Programming Software Radio Option Setting Screens

Menu Settings for FT-1907 -	Untitled.rsf	X
<u>F</u> ile <u>T</u> abs <u>H</u> elp		
Common Misc. Settings D1	MF / Internet	
 Auto Repeater Band Edge Beep Busy Carrier Lockout DCS Reverse Priority Revert Split Tone Tone Search Mute Weather Alert 	Lock Mode Key + Dial Memory Write Mode Next Mic Gain 5 71 Key SQL Off	Scan Mode All Scan ▼ Scan Resume Busy ▼ Smart Search Single ▼ Temperature Fabrenheit ▼
Auto Power Off	P2 Key S Search ▼	Time Out Timer 3 Minutes ▼
Beep Key+Scan ▼	P3 Key C Search ▼	Tone Search Fast ▼
Bell Off ▼	P4 Key WX Ch ▼	VFO Scan Width All ━
Dimmer Level 5 ▼	RF Squelch Off 🛛 👻	Weather Alert Beep Normal 🔹

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.



Misc. Settings

Settings for Password, ARTS, CW, Weather and Pager are customized on this screen.



Menu Settings for FT-1907 - Untitled.rsf	×
<u>F</u> ile <u>T</u> abs <u>H</u> elp	
Common Misc. Settings DTMF / Internet	
DTMF Settings	Wires
Autodialer Manual 🔻	Mode SRG 👻
Channel 1	Autodialer Manual 👻
Delay 450 ms 🔻	DTMF Code
Speed 50 ms	DTMF Memory 1
DTMF 0 1 2 3 4 5 6 7 8 9	Access Alpha 0

DTMF/Internet

Enter DTMF and Internet (wires) memory details to customize options for the functions of the radio.



ADMS-1907 Programming Software **Preferences – Version 4.50**

Preferences				
Grid Display	Memory Defaults Font	Other		
Freeze	1	Mark the columns to		
		Column	Hide 🛆	
Alte	ernate row	Transmit Frequency		
	A	Offset Frequency		
1	Row 1	Offset Direction		
2		Name		
3		Tone Mode		
4		CTCSS		
	1.0% 1	RXCTCSS		
F	Fore Back	DCS		
		TxPower		
		Busy Channel Lockout		
Use Co	mbo for Check box	Skip		
		Clock Shift		
Langua	no.	Battery Save		
		Comment		
English				
			-	
I		<i></i>		
		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	ou theoreliate						
Offset							
2 500 kHz Remove							
3 600 kHz To add an offset 4 1.00 MHz Image: Constraint of the set of th							
	LIST.						
	ОК	Cancel	Apply				

Memory Defaults

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



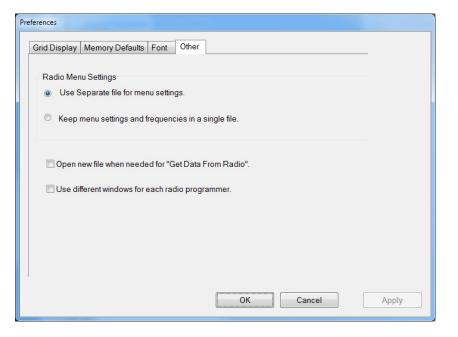
Preferences	A Comment of the second s
Grid Display Me	emory Defaults Font Other
Eont MS Sans S MS Sar MS Ser Ø MS UIC Ø MV Boli Ø MVriad Ø Mvriad Ø Mvriad Ø Nvriad Ø Narkisi Ø Niacara Ø Niacara	In Serif if Sothic ra i Pro Pro Cond Pro Cond Pro Pro Cond Pro Pro Pro Pro Pro Pro Pro Pro
	OK Cancel Apply

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.