

ADMS-4B Programming Software for the Yaesu FT-857 / FT-897

	Edit <u>C</u> omm FT-857_897 :						_				_			_		_	_				
	Receive	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS	Rx CTCSS	DCS	Rx DCS	Step	Skip	Attenuator	IPO	Mask		Co	mment	
ľ	145.50008	144.30800	600 kHz	Minus	FM			None	88.5 Hz	88.5 Hz	023		5 kHz		(m)				2	1	
	147.24000	147.84000	600 kHz	Plus	FM			None	88.5 Hz	88.5 Hz	023	023	5 kHz								
L	146.94000	146.34000	600 kHz	Minus	FM			None	88.5 Hz	88.5 Hz	023					L E					
Ļ												Me	emor		nanne		ncti	ons			
ŀ	445.52000 443.00000	440.52000 448.00000		Minus Plus	FM FM			None None	88.5 Hz 88.5 Hz	88.5 Hz 88.5 Hz	023	-		(le	ft to right	nt)					
ŀ	443.00000	448.00000		Minus	FM		_	None	88.5 Hz	88.5 Hz 88.5 Hz	023	Dee	alive F				ото				
ł	440.20000	441.23000	0.00 MIT2		Anmor	V TV		None	00.5112	00.5112	023	Rec	eive F	requ	ency	R)	CTC	55			
t	50.00000	50.00000		Simplex	Aemor	y iyi	JES	None	88.5 Hz	88.5 Hz	023	Trar	nsmit	Frequ	iency	D	21				
	53.25000	53.25000		Simplex	(left to	right)		None	88.5 Hz	88.5 Hz	023	1 11 41	ISTITU	iicqu	loncy		0				
					Memorie							Offs	et Fre	auer	ICV	R	DCS				
Ļ	14.02500	14.02500		ompion	vientone	:5		None	88.5 Hz	88.5 Hz	023										
+	14.17555	14.17555 14.22550		Simplex	Limit Me	morie	s	None	88.5 Hz	88.5 Hz 88.5 Hz	023	Offs	et Dir	ectior	า	St	эр				
ł	14.22550 14.25200	14.22550		Cimplex		1110110	~	None	88.5 Hz 88.5 Hz	88.5 Hz 88.5 Hz	023	0			1	CI.	1				
t	14.23200	14.23200		Junpiex /	VFO A			NORE	00.3112	00.3112	023	Ope	erating	g IVIOC	ie	Sk	iμ				
t	10.12050	10.12050		Simplex v				None	88.5 Hz	88.5 Hz	023	Nar	ne			Δ+	tenua	tor			
T	10.14000	10.14000		Simplex	VFO B			None	88.5 Hz	88.5 Hz	023	i i i u ai	nc			7.11	Cirua				
					Home							Sho	w Nai	me		IP	С				
1	3.81000	3.81000		Simples	Tome			None	88.5 Hz	88.5 Hz	023	-									
1	3.82500	3.82500		Simplex			(mm)	None	88.5 Hz	88.5 Hz	023	Ion	e Moc	ie		Ma	ask				
23	21.02500	21.02500		Simplex	USB			None	88.5 Hz	88.5 Hz	023	СТС	222			Co	mmo	nte			
4	21.02500	21.02500	./	Simplex	USB			None	88.5 Hz	88.5 Hz	023		,00			U	mme				
5	21.10000	21.13300	V	ompion	000			11010	00.0112	00.0112	020	_			m						
	Memori	es Limit Me	mories VF0	A VEO B	Home																

The ADMS-4B 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
- 5 60m Channels (D models)
- 10 Limit Memories (five pair)
- 4 Home/Call Channels
- 16 Channels each in VFO A and B (one per band)

Other Menu Item Categories Include:

- Common Settings
- CW and ARTS
- Mic and Shifts
- Display and Power

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

With the ADMS-4B 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 (desktop version). A CD drive (local or network) for installation. A free USB port. The RT Systems USB-62 interface cable. The cable connects the radio to the computer from the USB port on the computer to the CAT jack on the radio.





ADMS-4B Programming Software **Memory Types**

	mmunications		indow <u>H</u> ei	,														
Receive Frequency	Transmit	Offset Frequency	Offset Direction	Operating Mode	Name	Show To Name	ne Mode 💌	CTCSS	Rx CTCSS	DCS DI	K Step	Skip A	ittenuator	IPO Mask		Com	nent	
2 2 3 3											Limit (nel F to righ	Functions				
4										Re	ceive F	requei	псу	Rx CTCSS				
5										Tra	ansmit F	reque	ency	DCS				
			1							Of	fset Free	quenc	у	Rx DCS				
										Of	fset Dire	ection		Step				
										O	erating	Mode		Skip				
											ime			Attenuator				
										Sh	ow Nan	пе		IPO				
										То	ne Mod	е		Mask				
										CT	CSS			Comments				
< → → Mei	mories 📃 Limit M	emories VFO	A VFO B	Home											_			
dy	mories Limit M	emories VFO	A VFO B	Home														CAP

Limit Memories

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

-	Receive	Sample ×	Offset	Offset	Onestine			D.,	_	Du	_					
	Frequency_	Frequency	Frequency	Direction	Operating Mode	Tone Mode	CTCSS	Rx CTCSS	DCS	Rx DCS	Step	Skip	Attenuato	IPO	Comment	
1.8	1.80080	1.89900		Simplex	CW	None	88.5 Hz	88.5 Hz	023	023	2.5 kHz				1	
3.5	3.50000	3.50000		Simplex	LSB	None	88.5 Hz	88.5 Hz	023	023	2.5 kHz					
5.25	5.25000	5.25000		Simplex	CW	None		88.5 Hz	023		105.00					
7	7.00000	7.00000		Simplex	LSB	None	88.5 Hz	88.5 Hz	023			VFO	Func	tions	「	
10 14	10.00000	10.00000		Simplex Simplex	CW USB	None None	88.5 Hz 88.5 Hz	88.5 Hz 88.5 Hz	023				eft to rig			
18	18.00000	18.00000		Simplex				88.5 Hz				(1)	en to ng	1()		
21	21.00000	21.00000		Simplex	USB	None	88.5 Hz	88.5 Hz	023	Re	ceive	Freau	lencv	DCS		
24.5	24.50000	24.50000		Simplex	USB	None	88.5 Hz	88.5 Hz	023				-			
28	28.00000	28.00000		Simplex	USB	None	88.5 Hz	88.5 Hz	023	Tra	Insmit	Freq	uency	Rx DCS		
50	50.00000	50.00000		Simplex	USB	None	88.5 Hz	88.5 Hz	023	04				Char		
88	88.00000	88.00000		Simplex	FM	None	88.5 Hz	88.5 Hz	023	UTI	set Fr	eque	псу	Step		
118	118.00000	118.00000		Simplex	AM	None	88.5 Hz	88.5 Hz	023	Off	set Di	roctic	n	Skip		
144	144.00000	144.00000		Simplex	USB	None	88.5 Hz	88.5 Hz	023		Set DI	rectic		Skip		
430 Gen	430.00000 15.00000	430.00000 15.00000		Simplex Simplex	USB AM	None None	88.5 Hz 88.5 Hz	88.5 Hz 88.5 Hz	023	On	eratin	g Mo	de	Attenuator		
uen	15.00000	15.00000		Simplex	AM	None	00.0 HZ	00.0 H2	023	· ·		8 100				_
										CT	CSS			IPO		
										Rx	CTCS	S		Comments		

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.



FT-857_897	Sample ×										
Receive Frequency 2352000 52 52500 14 52000 445.00000		Offset equency Direction ▼ Simplex ▼ Simplex Simplex Simplex	Operating Mode FM FM FM FM	Name Sh Na	ow Tone M. None None None None	88.5 Hz 023 88.5 Hz 023		Channe (left to rig equency requency uency ction Mode	I Functions ght) Rx CTCSS	Comment	
		ies VFO A VFO B					CTCSS				

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-4B Programming Software **Radio Option Setting Screens**

Menu Settings for FT-857	- Untitled.rsf			×
<u>F</u> ile <u>H</u> elp				
Common CW and ARTS	Mic and Shifts Displ	ay and Power		
🛛 📝 144 Auto Repeater Shi	Auto i ower on	Off 🔹	Mem/VFO Dial	MHz/Mem Group 🔻
✓ 440 Auto Repeater Shi ■ AM/FM Dial	ft AGC	Auto 👻	Meter	Power -
Emergerncy	Beep Frequency	880 Hz 🔻	Meter ATx Selection	PWR 🔻
Extended Menu	Beep Volume	50	Meter ARx Selection	SIG 🔹
☐ Fast Tune ✓ Home -> VFO	CAT/Linear	Cat 🔹	Mic Select	Normal 👻
Memory Group	CAT Rate	4800 bps 🔹 🔻	NB Level	50
Meter Peak Hold	Clarifier Dial Sel	V/M ▼	Packet Rate	1200 bps 🔹
✓ Mic Scan ■ Noise Blanker	Dial Step	Fine 🔹	Scan Mode	Time 💌
	Digital Mode	RTTY-L 🔻	Scan Resume	5 seconds 🔹 🔻
	DCS Invert	Tn-Rn 🔻	SQL Knob	RF-Gain 👻
	Filter	Off 🔹	Time Out Timer	0
	Lock	Dial 🔹	Tuner/ATAS	Off 🔹

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 FT-857 - Unt	itled.rsf	×
<u>F</u> ile <u>H</u> elp		
Common CW and ARTS Mic	and Shifts Display and Power	
CW Break-in CW Auto Mode Keyer Mic CW Key Reverse CW Paddle	CW BFO USB CW Delay 250 CW Pitch 700 Hz CW QSK 10 ms	CW Speed 12 - CW Sidetone 50 - CW Training Numeric • CW Weight 1:3.0 •
ARTS	/ ID Text YAESU AR	TS Beep Range 💌
Beacon Interval 0		
Text 1		Continue
Text 2		Continue
Text 3 3		

CW and ARTS

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



Menu Settings for FT-857 - Unt	titled.rsf	×
<u>F</u> ile <u>H</u> elp		
Common CW and ARTS Mic	and Shifts Display and Power	
Vox Enable Gain 50 🚔 Delay 500 🚔 ms	Digital Digital Shift 0 Hz Digital DISP 0 Hz	Carrier Offset RX LSB 0 T Hz RX USB 0 Hz TX LSB 0 Hz
	Digital VOX 0	
Microphone Gain SSB 50 + Packet 50 + 9600 50 + FM 50 + Digital 50 + AM 50 +	DSP Mic Equalizer DSP BPF Width 240 Hz DSP HPF Cutoff 100 Hz DSP LPF Cutoff 6000 Hz DSP NR Level 8	TX USB 0 Hz Processor Level 50

Mic and Shifts

Vox, Digital, Carrier, Offset, Microphone Gain and DSP functions are customized here.

Menu Settings for FT-857 - Untitled.rsf	×
<u>F</u> ile <u>H</u> elp	
Common CW and ARTS Mic and Shifts Display and	Power
Display	RF Power
Large Display	HF 100
Contrast 5	50 MHz 100 💌
Intensity 3	144 MHz 50 🚔
Mode Auto2	430 MHz 20
Color Active Setting Fix 26 ARTS 1 Mem Group 1 Mode 1 VF0 1 Band 1	PG Buttons A MONI B Q.SPL C ATC ACC MONI P1 Q.SPL P2 TCALL

Display and Power

Use these settings to control the radio's Power, Display and Color options as well as customizing the Programmable Buttons (PG buttons) for easy one touch access to a feature.



ADMS-4B 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 🔻					
					•	
			ОК	Cancel	Apply	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 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	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 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

Use Separate file for menu settings.

Keep menu settings and frequencies in a single file.

Open new file when needed for "Get Data From Radio".

Use different windows for each radio programmer.

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.



OK

Cancel

Apply

THE NETHERLANDS | Roermond

Tel. +31 (0)475-327390 www.classicinternational.eu

GERMANY | Mönchengladbach

Tel. +49 (0)2166-33061 www.classicinternational.eu