

ADMS-FT2D Programming Software for the Yaesu FT-2D

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	User CTCSS	Comment		

The ADMS-FT2D 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:

- 900 Memory Channels
- 900 Skip Memories
- 100 Limit Memories (50 Pairs)
- 11 VFO A Channels
- 6 VFO B Channels
- 11 Home Channels
- 88 Marine Memories
- 89 SW Memories
- 10 Weather Memories

Other Menu Item Categories Include:

- Common 1
- Common 2
- Messages
- DTMF/Internet
- APRS
- APRS Beacon
- GPS
- Group Messaging

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



Hardware Requirements:

A PC running A PC running XP SP3 (32 or 64 bit), Windows 7 (32 or 64 bit), Windows 8 or 8.1 (full version) or Windows 10. Local USB port and RT Systems USB-68 interface cable (6' cable length). The cable connects the radio to the computer from the USB port on the computer to the mini USB connection on the radio. Internet connection for update at end of software installation.

With the ADMS-FT2D 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.

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.

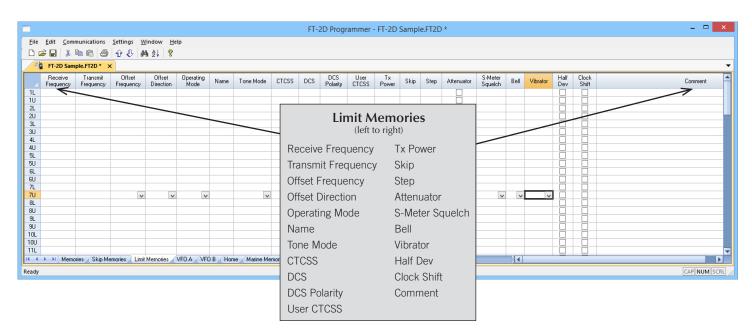




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	DCS	Bank 1-24	
	DCS Polarity	Comment	
	User CTCSS		

Skip Memories

These frequencies are skipped during VFO scanning. These channels can be used for additional regular memory storage if you don't use VFO scanning.



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.



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SW	1.80000	1.90000			AM		100.0 Hz 023	BN-TN	1600 Hz	High (5 ₩)	Auto		Off	Off	Off					
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VHF BAND	174.00000	174.00000			FM	None	Boooiyo	Fraguar	2014	Tx Pow	or	-	en	Off	Off					
UHF HAM	222.00000 433.00000	222.00000 433.00000			FM FM	None None	Receive	riequei	icy	IXFUW	er	-	Off	Off	Off Off					
UHF BAND	470.00000	470.00000			FM	None	Transmit	Freque	ncy	Step			Off	Off	Off					
INFO 2	860.00000	860.00000	S	implex	FM	None	Offset Fr	equenc	y	Attenua	itor		Off	Off	Off					
							Offset Di	rection		S-Mete	r Squel	ch 🛛								
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14 4 F FI	Memories	Skip Memorie:	s 🖉 Limit Memori	ies VFO /	A VFO B	Home Marin	DCS			Clock S	hift				•					▼
Ready							DCS Pola	arity		Comme	ent								CAP NU	JM SCRL
							User CT	CSS												

VFO A and VFO B

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.

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AIR	108.00000	108.00000		Simplex	AM	None		ſ				•		Off	0		Difi 🥢					
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UHF BAND	470.00000	470.00000				None	Transi	mit F	reaue	encv	Tx Pow	/er		Off	0		Dff					
INFO 2	860.00000	860.00000		Simplex	FM	None	Offset			-	Step			Off	0)ff (Dff					
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14 4)	Memories	Skip Memories	Limit Mem	ories VFO	A VFO B	Home Marin	CTCS	S			Half De	€V										
Ready							DCS				Clock S	Shift									CAP	NUM SCRL
							DCS F	Polari	ty		Comme	ent										

Home Channels

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.



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3 160.75000 156.15000 Split 04 0 0	
4 160.80000 156.20000 Split Olf	
6 156.3000 156.2000 Spit Uff	Marine Memories
195.3000 195.3000 simplex Off 10.5000 195.3000 Simplex Off 10.5000 195.3000 Simplex Off	
8 156.4000 156.4000 Simplex Off	(left to right)
9 156.45000 156.45000 Simplex Off	
10 156.50000 156.50000 Simplex Off	
11 156.55000 156.55000 Simplex Off	Receive Frequency
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14 156.70000 156.70000 Simplex Off	Transmit Frequency
16 156.80000 56.80000 Simplex Off	Offset Direction
18 161.50000 156.90000 spit Off	
19 161.55000 156.95000 Splt Off	
18 1615.0000 558.0000 5µµ □	
22 161.7000 157.1000 Splt Off	Bank 1-24
23 161.75000 157.15000 Splt Off	
	Comment
25 161.85000 157.25000 Spit Off	
27 161.95000 157.35000 Spit Off	
27 161.5000 197.5000 ppt 0ff 0	
60 160.2500 150.4200 59k 0ff	
51 190 67500 156 07500 Solt	
A sing station is a station is a station of the station of t	
I A CONTRACT AND A CO	
Ready	CAP NUM SCRL

Marine Memories

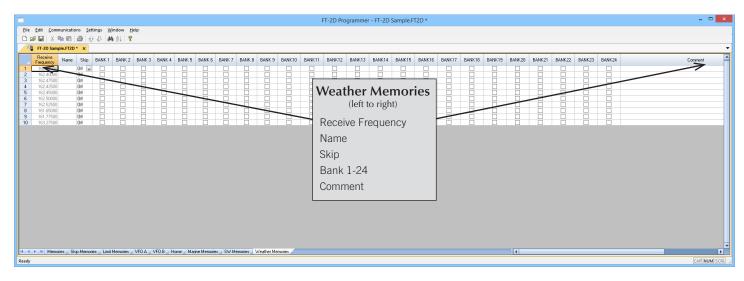
Pre-programmed in the radio, the Marine Memories cannot be changed. Receive frequency, Transmit frequency and Offset direction are disabled to prevent editing. These channels can be included with other memories in Banks 1 - 24 by checking the box for that Bank.

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FT-2D Sample.FT2																																
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Frequency Hall																															7	
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ty																																CAP NUM SCR

SW Memories

Frequencies for shortwave listening are preprogrammed in the radio with a name identifier and cannot be changed. Receive frequency and Name are disabled to prevent editing. These channels can be included with other memories in Banks 1-24 by checking the box for that Bank.





Weather Memories

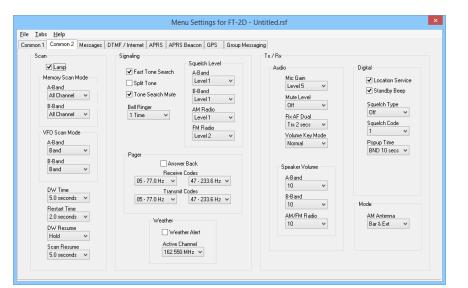
Ten NOAA weather frequencies are preprogrammed in the radio, and cannot be changed. Use this screen to edit Name, set Skip conditions and add a weather channel to a bank along with other memories.





ADMS-FT2D Programming Software Radio Option Setting Screens

	Menu Settings fo	r FT-2D - Untitled.rsf		×
<u>File Tabs Help</u> Common 1 Common 2 Messages DT	MF / Internet APRS APRS Beacon GPS	Group Messaging		
Config Auto Repeater Shift Band Edge Beep Busy Channel Lockout A-Band Busy LED B-Band Busy LED B-Band Busy LED Home VFD Time Signal Alarm Password Enable	Auto Power Off Rx Save Off V 0.2 seconds Beep Select Time Dut Timer Kay & Scan 3.0 mm GPS Log VFO Mode Off V Band V Lock A. Band Vibrator Dial + Key Diff Moni/TCall B-Band Vibrator Moni/TCall Diff vibrator Mode PTT Delay Vibrator Mode Diff W	Timers ☐ Enable Off 00:00 ☐ Enable On 00:00 Dial Knob Swap Outer: Dial ✓	Display Band Scope JS channel V Compass Heading Up V Dual Receive V Lamp Steconds V Compass C	✓
Callign	Memory Protect Next	✓	n ISB Camera Size ISB X120 V USB Camera Quality Low V SSB Camera Spkr Camera V	



Menu Settings for FT-2D - Untitled.rsf File Tabs Help Common 1 Common 2 Messages DTMF / Internet APRS APRS Beacon GPS Group Messaging Opening Message Type Callsign v Text Message Settings Message Flash Sel Message Group QST***** G2 G3 G4 G5 B1 GRP 4 seconds ∨ YAESU**** BLN 4 seconds B2 [B3 [Message Text 2 3 4 5 6 7 8

Common 1 and Common 2

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.

Messages

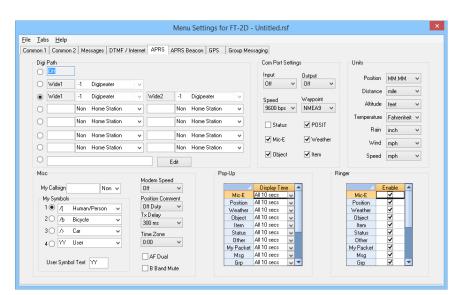
Set options for the Opening Message and text message details.

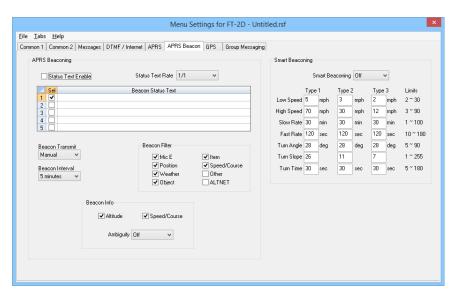


mmon 1 Common 2 Messages DTMF / Internet APRS	APRS Beac	on GPS 6	iroup Messaging				
DTMF Settings	Internet (Wir	es) Settings					
						D	
Auto Dialer Channel	-	Cate	gory Tag 1	Cate	egory Tag 2	Rpt/Wires F	
Manual V 1 V	Edit			10		Manual	~
DTMF Speed DTMF Delay		ID	Name	ID	Name	Search Setu	1p
50 ms v 450 ms v	1					History	~
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DTMF/ Internet

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





APRS

With so many set menu items controlling this advanced function of the radio, the settings file has three screens to hold the check boxes, drop-down lists and edit boxes.

APRS Beacon

Customize additional features of the FT-2D model radio for advanced APRS functions.



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WGS-84 V		
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Time Set	Man N 00'00.00' E 000'00.00'	
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	P2	
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	P7	
Altitude feet V	P8	
reet 🗸	P9	
Position	P10	
ммм 🗸		
Speed		
mph 🗸	GPS Pinning	
	✓ DGPS	

GPS Configure GPS function settings.

	Menu Settir	ngs for FT-2D - Ui	ntitled.rsf		×
<u>File Tabs H</u> elp					
Common 1 Common 2 Messages DTMF /	Internet APRS APRS Beacon	GPS Group Messag	ing		
Groups					
Selected Group	ALL				
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	3	Insert			-11
	4 5		2		
ALL	6	Delete	3		
	7		3		_
Add Group Rename Group	8	Clear All	4		
	9				
Delete Group ALL V	10		5		
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	13	Save			
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Group Messaging

Set options and messages for Group Monitor functions.



ADMS-FT2D Programming Software **Preferences**

Preferences										
Grid Display	Memory Defaults	Font	Other							
	1			Mark the colum	nns to hic	le.				
Freeze	1	[Column		Hide	-			
]	Transr	nit Frequency						
AI	ternate row	[Offset F	Frequency	ľ					
	A 1 Row1		Offset [Direction						
	2 Row 2		Name							
	3 Row 3	-	Tone N							
	4 Row 4		CTCSS							
		-	Rx CT(CSS						
	Fore Back		DCS							
		-	Tx Pov							
				hannel Lockout						
Use C	ombo for Check box		Skip Clock S	71.10						
Langua	age:		Battery Comm							
Englis	h 👻		Comm	ent						
								-		
				ОК	Ca	ancel			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 Offset Pick an offset frequency 1 100 kHz remove to delete it from 2 500 kHz Remove 3 600 kHz To add an offset 4 1.00 MHz Image: Comparison of the set of the se	m 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 Serif 10 MS Serif 10 MY Dicord 10 MY Dicord 12 MY Nobi 12 MY Nobi 14 Myriad Pro Cond 18 Myriad Pro Linht 24 Myriad Pro Solid 10 Myriad Pro Linht 10 Myriad Pro Linht 10 Myriad Pro Solid 14 Sample Sample
AaBbYyZz 0123456789
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.
 - "Single file" 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.

Preferences	
Grid Display Memory Defaults Font Other	_
 Radio Menu Settings 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. 	
OK	Apply



Click here to learn more about using Preferences to customize your radio programming experience.