

KRS-F6 Programming Software for the Kenwood TH-F6/TH-F7

-	TH-F6 Samp			<u>/</u> indow <u>H</u> el										
4	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Offset Reverse	Operating Mode	Name	Tone Mode	CTCSS	Rx CTCSS	DCS	Skip	Step	Comment
)	0.54069	0.54000		Simplex	[[[[]]]	AM		None	88.5 Hz	88.5 Hz	023		10 kHz	7
1	3.50000	3.50068	~	Simplex		LSB		None	88.5 Hz	88.5 Hz	023		5 kHz	
2	51.00000	51.00000		Simplex		FM		N	00.5.11-	00.511-	000		10 kHz	
3	87.90000	87.90000		Simplex		WFM	M	lemory	Chan	nol Fu	nctic	ne	5 kHz	
ł.	118.00000	118.00000	-	Simplex 💌		AM 👻		icition y			incuc	115	12.5	
i	144.00000	144.00000		Simplex		FM			(left to	right)			5 kHz	
	179.75000	179.75000		Simplex		WFM	Re	eceive Fre	auency	v To	ne Mo	de	5 kHz	
·												0.0		
	223.00000	223.00000		Simplex		FM	Tra	ansmit Fr	equenc	y Cl	CSS		20 kHz	
	223.01250	223.01250		Simplex		FM	Of	fact Frage	100001	D	CTCS	~	20 kHz	
)	223.02500	223.02500		Aamaaw	Tura			fset Frequ	uency	R)		5	20 kHz	
	223.03750	223.03750		Aemory	утуре	25	Of	fset Direc	tion	D	S		20 kHz	
2	223.05000	223.05000		(left to	right)								20 kHz	
3				Memorie	-		Of	fset Reve	rse	Sk	ip			
1	440.00000	440.00000		vientone:	5			ooroting N	lada	C+	~ ~		25 kHz	
5	475.75000	475.75000		_imit Mer	mories	M		perating N	lode	51	ер		50 kHz	
ò	475.76250	475.76250				M	Na	ame		Co	mmer	nts	50 kHz	
7	475.77500 475.78750	475.77500 475.78750	`	/FO Ban	dA	M				00			50 kHz 50 kHz	
3	475.78750	475.78750	\	/FO Ban	dB	M		None	88.5 Hz	88.5 Hz	023			
)	475.80000	475.80000			uЪ	1M		None	88.5 Hz	88.5 Hz	023		50 kHz	
1	475.01230	470.01200		Home		IM .		NUNE	00.3 MZ	00.3 M2	023		JUKHZ	
2	1240.00000	1240.00000		S/mplex	10-1	TEM		None	88.5 Hz	88.5 Hz	023		12.5 kHz	
3	1240.00000	1240.01250		Simplex		EM		None	88.5 Hz	88.5 Hz	023		12.5 kHz	
4	1240.02500	1240.02500	/	Simplex		EM		None	88.5 Hz	88.5 Hz	023		12.5 kHz	

The KRS-F6 Programmer is designed to give you the ease and convenience of programming the memories and set menu options of your radio from your PC. (TH-F7 European version)

Memory Channels Include:

- 400 Memory Channels
- 20 Limit Memories (10 pairs)
- 3 VFO Band A Channels
- 11 VFO Band B Channels
- 3 Home Channels
- 10 Info Channels (I-O 1-9)
- 2 Priority Channels

Other Menu Item Categories Include:

- Common
- DTFM Settings

The Programmer Is for so Much More than Just Memory Management. With the KRS-F6 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-K4Y 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.





KRS-F6 Programming Software **Memory Types**

Eile Edit Communications Settings Window Help	
TH-F6 Sample X	-
Receive Transmit Offset Offset Offset Offset Operating Name Tone Mode CTCSS Rx DCS Step Comment	L
Limit Memory Functions	
Limit Memory Functions (left to right)	
La Receive Frequency Tone Mode	
L4 Transmit Frequency CTCSS	
U4 Offset Frequency Rx CTCSS	
U5 Offset Direction DCS	
UG Offset Reverse Step	
U7 Operating Mode Comments	
L8 Name	
U9 🖸	
I A Memories Limit Memories VFD Band A VFD Band B Home	

Limit Memories

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

VFO Band A

The program makes available the same VFO's as in the radio (usually one per band). These channels are preprogrammed in the radio and while the frequency can be changed to another within the band, they cannot be left blank.

	Receive	Transmit	Offset	Offset	Offset	Operating	Tone Mode	22010	Rx CTCSS	DCS	Step	Comment
 M	Frequency 0.5000	Frequency 0.54000	Frequency	Direction Simplex -	Reverse	Mode		88.5 Hz -				
F	3.50000	3.50689		Simplex 💌		LSB	None	88.5 Hz			5 kHz	
1	51.00000	51.00000		Simplex		FM		Band		ction		
1	87.90000 118.00000	87.90000 118.00000		Simplex Simplex	_	WFM AM	VIU			ction	15	
1	144.00000	144.00000		Simplex		FM			right)			
TV	179.75000	179.75000		Simplex		WFM	Receive F	requenc	;y	Fone M	ode	
im m	223.00000 440.00000	223.00000 440.00000		Simplex Simplex		FM	Transmit F	requen	cy (CTCSS		
m TV	440.00000	440.00000		Simplex		WEM	Offset Free	Nonev	- -	Rx CTC	22'	
m	1240.00000	1240.00000		Simplex		FM					,00	
							Offset Dire	ection	l	DCS		
							Offset Rev	rerse	0	Step		
							Operating	Mode	(Comme	onts	
							oporating	mode	Ì	50111110	51105	
						L						

VFO Band 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.

TH-F	F6 Programme	er - TH-F6 Sa	mple											x
<u>F</u> ile	<u>E</u> dit <u>C</u> omm	unications	<u>S</u> ettings <u>W</u>	<u>V</u> indow <u>H</u> el	р									
	TH-F6 Samp	le ×												•
	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Offset Reverse	Operating Mode	Name	Tone Mode	CTCSS	Rx CTCSS	DCS	Step	Comment	
2m	144.0000	144.00000		Simplex 💌		FM 💌	-			88.5 Hz 🗨			7	
1.25m 70cm	223.00000 440.00000	223.00000	~	Simplex Simplex		FM FM		None	88.5 Hz	88.5 Hz		5 kHz 1kHz		
1-0	440.00000	440.00000		Simplex		E M	Hom	ne Char	nnel F	unctio	ns	KHZ		
-1 -2							Info	o Chanı	nel Fu	nctior	IS			
1-3							Prior	ity Cha	nnel I	uncti	ons			
1-4								(left	to right)					
1-6							Receive	e Frequer	าсу	Tone M	ode			
1-7							Transm	nit Freque	ncv	CTCSS				
1-9 PB 1								- requency		Rx CTC	SS			
PR 1 PR 2								Direction	,	DCS				
								Reverse		Step				
								ing Mode		Comme	onts			
								ing mode		oomini	1110			
							Name							
														F
14	🕨 📕 Memori	ies 🖌 Limit Me	mories VFO	Band A 🖉 VF	O Band B	Home					1	•	4	

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.

I-O 1-9 – Information channels that are pre-programmed with the NOAA Weather frequencies in the American version of the radio. These channels can be changed or left blank. These channels are recalled with the [info] button on the radio.

PR1,2 – Priority channels are used for Priority Scanning. They can be left blank. If you want to use the information for a repeater already in your memories list, simply copy the channel and paste the details here.



KRS-F6 Programming Software **Radio Option Setting Screens**

nu Settings for TH-F6 - Un	ntitled.rsf				
ile <u>T</u> abs <u>H</u> elp					
Common DTMF					
Antenna Attenuator Auto Repeater Offset Dual Listen Japanese Key Beep Key Lock	Auto Power Off 30 min Battery Saver 1.0 sec Battery Type Lithium	Operation Band Band A ▼ Packet Speed 1200 bps ▼ Scan Resume Time ▼	Band A Band B	Output Power High]
Lamp Lock Tuning	Call Key Call 🔹	V0X Gain 4 V0X Delay	- Narrow FM	High 💌	
🔲 Noise Shift	8 🔻	500 ms 🔻	📃 2m	🔲 1.25m	📃 70cm
Transmit Stop Tx Hold VOX Busy	Memory Recall All Bands 🔹				
Dpening Message					
	2m	Lower 127.0	00000	Upper	173.00000
	1.25m	216.0			259.00000
Volume Balance	1 70cm	410.0			469.00000

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 Settir	ngs for TH-F6 - Untitled.	rsf			3
<u>F</u> ile <u>T</u> abs	s <u>H</u> elp				
Common	DTMF				
	DTMF Digits and	Namoo			
		Name	DTMF Options		
0	Digits	Name	Dim Optiono		
1			Hold	Lock	
2				LUCK	
4					
5			Delay	Speed	
6			500 ms 🔻	Fast 🔻	
8					
9					

DTMF

Enter DTMF memory details including name and customize options for this function of the radio.



KRS-F6 Programming Software **Preferences – Version 4.50**

Prefe	rences									
6	Grid Display	Memory Defaults	Font	Other						
	_	1			Mark the colu	mns to hi	de.			
	Freeze	1			Column		Hide	-		
				Transr	mit Frequency					
	Alt	ernate row		Offset	Frequency					
	-	A Row 1			Direction					
	2			Name						
				Tone I						
		Row 4		CTCS						
				Rx CT	CSS					
		Fore Back		DCS						
				Tx Pov						
		mbo for Check box		Skip	Channel Lockout					
	use co	mbo for Check box		Clock	Shift					
				Battery						
	Langua	-		Comm						
	English	n -								
								-		
1										
					ОК] _ C	ancel		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 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 vertice	n the list.		
	ок	Cancel	Apply

Memory Defaults

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



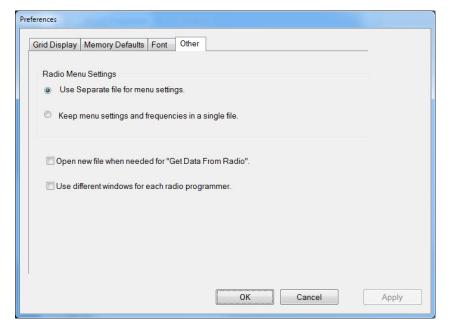
Preferences
Grid Display Memory Defaults Font Other
Eont Size: MS Sans Serif 8 MS Serif 10 MS Ul Gothic 10 The MT Extra 10 MV Boli 12 MVriad Pro 14 Mvriad Pro Light 18 Mvriad Pro Light 24 Mvriad Pro Solid 10 Mvriad Pro Light 14 Mvriad Pro Light 14 Mvriad Pro Light 14 Mvriad Pro Light 14 Sample Sample
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.



- 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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