

VPK-6600 Programming Software for the VGC VR-6600

	VR-6600 Programmer - VR-6600 Sample.VR6600 – 🗆 🗙																
<u>F</u> ile	Edit Comm	unications <u>S</u>	ettings <u>V</u>	<u>V</u> indow <u>H</u>	elp												
0																	
		nple.VR6600															-
	Receive	Transmit	Offset	Offset	Operating	Name	Show	Tone Mode	CTCSS	Rx CTCSS	DCS	Rx DCS	DCS	Tx	Skip	Comment	
0	Frequency 108.00000	Frequency 108.00000	Frequency	Direction Simplex	Mode		Name		67.0 Hz	67.0 Hz	023	023	Polarity Both N	Power	Off	7	
1	108.0000	108.01250		Simplex	AM			None	67.0 Hz	67.0 Hz	023		Both N	Low	Off		
2	108.02500	108.02500	~	Simplex	AM									2011	Off		
3	108.03750	108.03750		Simplex	AM		- H	Men	ory C	ìhann	el E	unct	ions		Off		
4	108.05000	108.05000		Simplex	AM				, .	left to ri	abt)				Off		
5	108.06250	108.06250		Simplex	AM	~	0		(giit)				11U		
6						~		Receive F	roquon	CV	CTCS	22					
7	300.00000	300.00000		Simplex	AM		''	CCCIVE I	requen	.,					Off		
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9	300.02500 300.03750	300.02500 300.03750		wienie	JIYIYP					-				-	Off		
11	300.05750	300.03750		(left	to right)	-	C)ffset Fre	equency	/	DCS				Off		
12	300.05000	300.06250		Loft Ma	emories)ffset Dir	action		Rx D	20			Off		
13	300.07500	300.07500		Leit ivie	emones			moet Di	CCLION		IXX D	00			Off		
14				Right N	N emories	:)perating	g Mode		DCS	Polari	tv				
15	480.00000	480.00000				· –	Г		,				.,		Off		
16	480.01250	480.01250		Left VF	Os			lame			Tx Po	ower			Off		
17	480.02500	480.02500	_					how Na	mo		Skip Off						
18	480.03750	480.03750		Right VFOs			3		ne		Зкір				Off		
19	480.05000	480.05000		0.1			Н Т	one Mod	le		Com	ment			Off		
20	480.06250 480.07500	480.06250 480.07500		Simplex Simplex	Auto Auto									-	Off		
21	480.07500	480.07500		Simplex	Auto			None	67.0 Hz	67.0 Hz	023	023	Both N	Low	Off		
23	480.10000	480.10000		Implex	Auto		H	None	67.0 Hz	67.0 Hz	023			Low	Off		
14 4		mories Right	Memories	Left VFOs	Right VF0s			Lineire	101.011E	01.0112	1000	1020	pour la		1911	4	
Ready					-												CAP NUM SCRL
Ready																	CALINON SCRE

The VPK-6600 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:

- 500 Left Memory Channels
- 500 Right Memory Channels
- 8 Left VFO Channels
- 6 Right VFO Channels

Other Menu Item Categories Include:

- Common 1
- Common 2
- DTMF

The Programmer Is for so Much More than Just Memory Management. With the VPK-6600 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.



Hardware Requirements:

A PC running Windows XP (SP3), Windows 7 (32 or 64 bit), Windows 8 or 8.1 (full version) or Windows 10. Local USB port and RT Systems USB-81 interface cable (6' cable length). The cable connects the radio to the computer from the USB port on the computer to the Data jack on the radio. Internet connection for software installation.





VPK-6600 Programming Software Memory Types

Receive Frequency	Offset Direction	Operating Mode	Tone Mode	CTCSS	Rx CTCSS	DUS [DCS Polarity		Skip		Comment	
												-
		Auto	None									
		Auto	None	67.0 Hz				VFO	Fun	ctions		
								(1	eft to r	ight)		_
						023 02				0		_
						023	Receive	e Frequ	ency	DCS		-
100.00000	ompion	1 Idito	Trono	01.0112	01.0112	020 0.	Offect [Viroctio	2			
							Operati	ng Mod	le	DCS Polarity		
										Ty Dowor		
							TOHE IVI	oue		IX FOWER		
							CTCSS			Skip		
								00				
							RXCIC	22		Comment		
	VR-6600 Sa Receive Frequency 0.5200 76.00000 108.00000 136.00000 174.00000 300.00000 400.00000	VR-6600 Sample-VR6600 Receive Offset 0.52000 Simplex Urection 0.52000 Simplex 136.00000 136.00000 Simplex 300.00000 300.00000 Simplex 300.00000	VR-6600 Sample.VR6600 × Receive Frequency Offset Direction Operating Mode 0.5200 ⁶ /simplex Auto 108.00000 Simplex Auto 138.00000 Simplex Auto 174.00000 Simplex Auto 300.00000 Simplex Auto 300.00000 Simplex Auto 400.00000 Simplex Auto	Receive Frequency Offset Direction Operating Mode Tone Mode 0.52005 Simplex AM None None 76.00000 Simplex Auto None None 136.00000 Simplex Auto None 136.00000 Simplex Auto None 174.00000 Simplex Auto None 300.00000 Simplex Auto None 400.00000 Simplex Auto None	VR-6600 Sample. VR6600 × Receive frequency Offset Direction Operating Mode Tone Mode CTCSS 0.52000 Simplex Auto None \$7.0 Hz] \$7.0 Hz] 76.00000 Simplex Auto None \$7.0 Hz] 78.00000 Simplex Auto None \$7.0 Hz] 78.00000 Simplex Auto None \$7.0 Hz] 730.00000 Simplex Auto None \$7.0 Hz] 300.00000 Simplex Auto None \$7.0 Hz] 300.00000 Simplex Auto None \$7.0 Hz] 300.00000 Simplex Auto None \$7.0 Hz]	VR-6600 sample.VR6600 × Receive Direction Operating Mode Tone Mode CTCSS Rs CTCSS 0.55209/Exponder × AM None ≤7.0 Hz 67.0 Hz 67.0 Hz 108.00000 Simplex Auto None ≤7.0 Hz 67.0 Hz 67.0 Hz 138.00000 Simplex Auto None ≤7.0 Hz 67.0 Hz 67.0 Hz 138.00000 Simplex Auto None 57.0 Hz 67.0 Hz 67.0 Hz 130.00000 Simplex Auto None 57.0 Hz 67.0 Hz 67.0 Hz 300.00000 Simplex Auto None 57.0 Hz 67.0 Hz 67.0 Hz 400.00000 Simplex Auto None 57.0 Hz 67.0 Hz 67.0 Hz 400.00000 Simplex Auto None 67.0 Hz 67.0 Hz 67.0 Hz	VR-6600 sample.VR6600 × Receive Frequency Difestin Operating Mode Tone Mode CTCSS DCS II 0.552005/cmplex AM None © 70.142 67.0142 023 02 76.00000 Simplex Auto None 67.0142 67.0142 023 02 78.00000 Simplex Auto None 67.0142 67.0142 023 02 78.00000 Simplex Auto None 67.0142 67.0142 023 02 70.00000 Simplex Auto None 67.0142 67.0142 023 02 70.00000 Simplex Auto None 67.0142 023 02	VR-6600 Sample.VR6600 × Receive Frequency 0.52:00 Simplex Operating Mode Tone Mode CTCSS 67:0 Hz Rx 67:0 Hz DCS 023 Rx DCS DCS Polating Polating 0.52:00 Simplex Auto None 67:0 Hz 67:0 Hz 023 023 8 doth N 108:00000 Simplex Auto None 67:0 Hz 67:0 Hz 023 0 0 136:00000 Simplex Auto None 67:0 Hz 67:0 Hz 023 0 0 130:00000 Simplex Auto None 67:0 Hz 67:0 Hz 023 0 0 300:00000 Simplex Auto None 67:0 Hz 023 0 0 480:00000 Simplex Auto None 67:0 Hz 023 0 0 480:00000 Simplex Auto None 67:0 Hz 67:0 Hz 023 0 0 000000 Simplex Auto None 67:0 Hz 023 0 0 0 0 480:00000 Simplex Auto	VR-6600 Sample: VR6600 × Receive Frequency 0552076 condex Offset Mode Tone Mode CTCSS DCS PX DCS DCS DCS	VR-6600 Sample: VR6600 × Receive Diffset Direction Derating Mode Tone Mode CTCSS FX DCS DCS DCS DCS Power Skip 0.53205 Singlex AM None 67.0 Hz 67.0 Hz 023 023 023 Both N Low Off 0 76.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023 023 Both N Low Off 136.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023 023 VFO Fun 174.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023 023 VFO Fun 136.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023 023 VFO Fun 1300.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023	VR-6600 Samplex/R6600 × Receive Offset Operating Mode Tone Mode CTCSS CTCSS DCS Polarity Tx Power Skip 0.5200 Simplex Auto None 67.0 Hz 67.0 Hz 023 DCS Display Tx Power Skip 108.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023 DCS Display Dester State Diff 0 108.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023 DCS Display Diff 0 136.00000 Simplex Auto None 67.0 Hz 023 DCS Display CCS Display Diff 0 300.00000 Simplex Auto None 67.0 Hz 023 DCS Display CCS Display CS Display	VR-6600 Samplex/R6600 x Receive Diffect Operating Tone Mode CTCSS Rs DCS Polenti Tor None Comment 0.5200 Singlex Add None 67.0 Hz 67.0 Hz 023 023 Dest Polenti Off Comment 108.00000 Simplex Auto None 67.0 Hz 67.0 Hz 023 0 VFO Functions 174.00000 Simplex Auto None 67.0 Hz 023 0 VFO Functions 174.00000 Simplex Auto None 67.0 Hz 023 0 VFO Functions 136.00000 Simplex Auto None 67.0 Hz 023 0 VFO Functions 140.00000 Simplex Auto None 67.0 Hz 023 0 VEO VEO Functions 480.00000 Simplex Auto None 67.0 Hz 023 0 VEO Foreuro DCS 480.00000 Simplex Auto None 67.0 Hz 023 0 VEO Commo

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.





VPK-6600 Programming Software Radio Option Setting Screens

Menu	Settings for VR-	6600 - 1	Unt	titled.rs	f		
<u>F</u> ile <u>T</u> abs <u>H</u> elp							
Common 1 Common 2 DTMF							
Power On Message	AF Tone Control	DTMF	Bar			Speaker	
VR-6600 PR0	Normal 🗸 🗸	А		~		Front	~
	Auto Power Off	DTMF	Mo	de		Stereo/Mono)
Auto Repeater Shift	Off 🗸 🗸	Off		~		Mono	~
🖌 Dual Watch	Beep Tone	F Key I	Fun	ction		Sub Band M	ute
Display Time	Low 🗸	MHz 🗸				Off	~
Squelch Expansion	Bell Ringer	Main Band				Time Mode	
_	Off 🗸 🗸	А	Α 🗸 🗸			24 Hour	~
Time Signal	Clock Shift	PTTM	lode	,		Time Out Tim	her
	A 🗸	Mome	entar	ry 🗸		Off	~
LCD Brightness	Dual Watch Stop	Rx Exp	hans	ion			
5	Auto 🗸	General V					
LCD Contrast		Band A		Band B		1	
	Work Mode	VFO		VFO	V		
LCD Color	Work Band	H-V	_	H-U	v		
Marine-Blue 💙	Squelch	3	~	3	v		
Key Brightness	Step	Auto	V.	Auto	¥		
5 ~	Current Channel	0	_	0 🗸			
	Priority Channel	0	-	0	¥		
	Offset Frequency	0.00	V	0.00	v		

Menu Settings for le Tabs Help	VR-6600 - Untitled.rsf
Common 1 Common 2 DTMF	
Packet	
Data Band Select Data Squelch	Key Assignment
R Band Fixed V Busy/Tx V	Mic P1 Key SQL Off 🗸 🗸
	Mic P2 Key Tx Power 🗸
Data Speed	Mic P3 Key Rpt Shift 🗸
1200 bps 🗸	Mic P4 Key Reverse 🗸 🗸
Scan	
	Embedded Message
Busy 🗸 All 🗸	
Direction	
Down Start 🗸 🗹 Stop Beep	
VOX	
Enable Mic Gain	
Off V Normal V	
Sensitivity	
Normal 🗸	

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.



1	Menu Settings for VR-6	600 - Untitled.rsf	×
<u>F</u> ile <u>T</u> abs <u>H</u> elp			
Common 1 Common 2 D	TMF		
D Key Function	DTMF Signal		
D Code	Code Squelch 🗸	Encode ID	
Digit Time	Auto Reset Time	1	1
100 ms	10 seconds V	2	
		3	
Interval Time	Group Code	4	
100 ms 🗸 🗸	Off 🗸	5	
1st Digit Time	Interval Code	7	
100 ms 🗸 🗸	0 ~	8	
1st Digit Delay	Alert Tone/Transpond	9	
700 ms 🗸 🗸	Off 🗸 🗸	AutoDial Group	-
QT Digit Delay	Decode ID	1 🗸	
700 ms 🗸 🗸	123		

DTMF

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



VPK-6600 Programming Software **Preferences**

Preferences									
[1					
Grid Display	Memory Defaults	Font	Other						
Freeze	1			Mark the colum	ns to hide.				
110020	_			Column	Hi	de	-		
A 14.	ernate row			nit Frequency		1			
All	A			Frequency	E	-			
1				Direction		-			
2			Name		E	-			
			Tone N			-			
			CTCSS						
			Rx CT(CSS		-			
F	Fore Back	k	DCS						
			Tx Pov			-			
				Xhannel Lockout		-			
Use Co	mbo for Check box		Skip						
			Clock S			-			
Langua	ge:		Battery			-			
English	-		Comm	ent					
(<u></u>									
		L							
				ОК	Canc	el		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			
Open last file when starting programmer.	Offset Freque	ency Defaults	
Check ShowName Automatically	HF	100 kHz 👻	
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 2 500 kHz 3 600 kHz 4 1.00 MHz	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 Serif 10 MS Serif 10 MV Serif 10 MV MSUIGothic 12 MV MV Boli 14 MVriad Pro 18 MVriad Pro Lohnt 24 MVriad Pro Lohnt 10 MVriad Pro Lohnt 10 MVriad Pro Lohnt 10 Minacara Encraved 10 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 Cancel	Apply



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