

# ATP-518UV Programming Software for the Anytone AT-518UV

	AT-518 Programmer - AT-518 Sample.AT518 🗕 🗖 🗙									×													
<u> </u>	Elle <u>Edit Communications</u> Settings <u>Wi</u> ndow <u>H</u> elp																						
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E	AT-518 Sample.AT518 ×																					•	
	Receive Frequency	Transmit Offset Frequency Frequency	Offset Direction	Channel Spacing	Name	Tone Mode	CTCSS	Rx CTCSS	DCS	Rx DCS	DCS Polarity	Optional Signaling	Optional Code	Squelch Mode	Tx Power	Skip	Step	DTMF PTT ID	Busy Channel Lockout	Talk Around		Comment	
n	435.60890		Simplex	25 kHz		None	88.5 Hz	88.5 Hz		023	Both N	Off	1	Carrier	High		25 kHz	Off	Off	Alounu		7	
1	435.01250		Simplex	25 kHz			88.5 Hz			023	Both N	Off	1	Carrier	High		25 kHz	Off	Off	H	_		
2	435.02500		Simplex	25 kHz			88.5 Hz	00.0116	0110	010	D'OUTIN	0.1		o dinior	1.1.3.1		kHz	Off	Off				
3	435.03750		Simplex	25 kHz			88.5 Hz	1	• • •	om	OFV	Chan	nol E	uncti	ione		kHz	Off	Off				
4	435.05000	435.05000	Simplex	25 kHz	-		88.5 Hz	1	111	em	UIY			uncu	10115		kHz	Off	Off				
5	435.06250		Simplex	25 kHz		None	88.5 Hz					(left to	right)				kHz	Off	UII				
6	435.07500	435.07500	Simplex	25 kHz		None	88.01k	4					0 ,				سيلطنا	Uff	Off				
7	435.08750	435.08750	Simplex	25 kHz			88.5 Hz	Rec	oivo	Fre	quen	2V	DCS P	olarity			kHz	Off	Off				
8	435.10000		Simplex	25 kHz			88.5 Hz	I NCC	CIVC	TIC	quen	_y	0001	olarity			kHz	Off	Off				_
9	435.11250		Simplex	25 kHz			88.5 Hz 88.5 Hz	Trar	smi	t Fre	equen		Option	al Sigr	naling		kHz	Off	Off				
10	435.12500 435.13750	Maman	Tuno	KHz kHz			88.5 Hz 88.5 Hz	Inai	131111	LIIC	equei	icy i	οριιοπ	ai Jigi	lanng		kHz kHz	Off Off	Off	<u> </u>			
12	435,13750	Memory	Type	S KHZ		None	88.5 HZ	Offe	ot Fi	roai	lency		Option	al Cod			KHZ	Un	Un				
13	145.00000	(left to r	ight)	kHz		None	88.5 Hz		erri	lequ	iency		οριίοπ		IC I		L a	Off	Off				
14	145.00000		0,	kHz			88.5 Hz	Offs	ot D	iroct	tion		Squelc	h Moo	do		H2	Off	Off	H			
15	145.02500			kHz			88.5 Hz		et D	nec	lion		Squeic		JE		Hz	Off	Off	H			
16	145.03750			kHz			88.5 Hz	Cha	nnol	I Sn	acing		Tx Pov	vor			Hz	Off	Off				
17	145.05000	Limit Merr	orioo	kHz			88.5 Hz	Ulla	IIIIei	i Sha	acing		IXFUV	VEI			Hz	Off	Off				
18	145.06250	Limit wen	iones	kHz		None	88.5 Hz	Nar	~~				Skip				Hz	Off	Off				
19	145.07500			kHz			88.5 Hz	INdi	le				экір				Hz	Off	Off				
20	145.08750	VFU		kHz			88.5 Hz	Ton		ada			Stop				Hz	Off	Off				
21	145.10000			kHz			88.5 Hz	1011		Jue			Step				Hz	Off	Off				
22	145.11250	144.51250 600 kHz	Minus	25 kHz			88.5 Hz	OTO	00				DTMF				Hz	Off	Off				
23	145.12500	144.52500 600 kHz	Minus	25 kHz			88.5 Hz	CTC	55					PILI	D		Hz	Off	Off				_
24	145.13750	144.90 50 600 kHz	Minus	25 kHz			88.5 Hz	D (		20			D				Hz	Off	Off				_
25	145.15000	144,5000 600 kHz ries Limit Memories VF	Minus 0	25 kHz		None	88.5 Hz	Rx (	103	22			Busy C	nanne	el loci	kout	Hz	Off	Off				<b>▼</b>
Ready	<u>x</u>							DCS	5				Talk Ar	round								CAP NUM	SCRL //
								Rx [	200				Comm	ont									
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The ATP-518UV 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
- 4 Limit Memories (2 pair)
- 2 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 ATP-518UV 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 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:



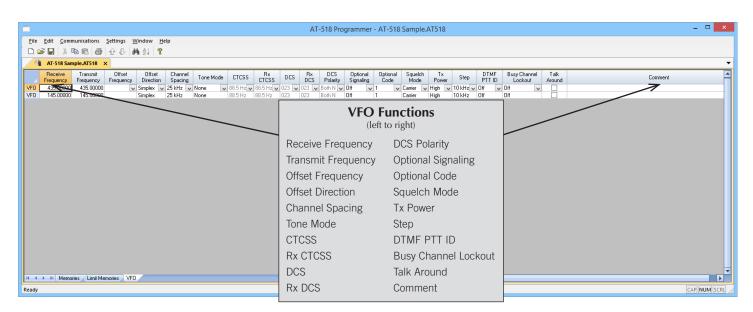
A PC running Windows XP (SP3), Vista, Windows 7 (32 or 64 bit) or Windows 8 or 8.1 (full version). CD drive for installation. Local USB port and RT Systems USB-K4Y interface cable (6' cable length). The cable connects the radio to the computer from the USB port on the computer to the Speaker/Mic jack on the radio. Internet connection for update at end of software installation.



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Eile Edit Communications Settings Window Help □ ☞ ■ & B B B ④ ☆ ↓ 44 2↓ ?				
AT-518 Sample.AT518 ×				
Receive Transmit Offset Offset Channel Name Tone Mode CTCSS PA	Rx DCS Rx DCS Option CTCSS DCS Polarity Signal	nal Optional Squelch Tx Ing Code Mode Power Skip S	tep DTMF Busy Channel Talk PTT ID Lockout Around	Comment
P8 PA		Aemories to right)		
	Receive Frequency	DCS Polarity		
	Transmit Frequency	Optional Signaling		
	Offset Frequency	Optional Code		
	Offset Direction	Squelch Mode		
	Channel Spacing	Tx Power		
	Name	Skip		
	Tone Mode	Step		
	CTCSS	DTMF PTT ID		
	Rx CTCSS	Busy Channel Lockout		-
I Contraction Cont	DCS	Talk Around		CAP NUM SCRL
1009	Rx DCS	Comment		CAL NOW SCRE

## **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 VFOs 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.





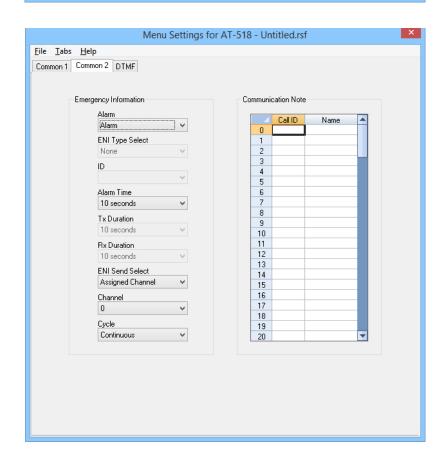
# ATP-518UV Programming Software **Radio Option Setting Screens**

Menu	Settings f	for AT-518 -	Untitled.rsf	×
<u>F</u> ile <u>T</u> abs <u>H</u> elp				
Common 1 Common 2 DTMF				
Power On Message	Auto Power	Off	Squelch Key	
	Off	~	Off Momentarily	¥
	Backlight		Sub Band Display	
Display Mode	Auto	~	Frequency/Channel	¥
Frequency V	Backlight Co	blor	Tail Eliminator	
Upper Squelch	Orange	~	Off	¥
3	Function Ke	ys Timeout	Time Out Timer	
Lower Squelch	0 seconds	~	3 minutes	*
3 V	Main		Tone Burst	
	Upper	~	1750 Hz	¥
Alarm Off	PF1 Key		VOX Level	
🗹 All Band	SUB PTT	~	Off	*
✓ Beep	Power Save		VOX Delay	
Disable Setup Menu	Auto	~	0.5 seconds	*
Disable Setup Bkgnd Ops	Scan Pause	Time		
	5 seconds	rime ▼		
Eliminate Squelch Tail				
Key Lock		FM Radio		
✓ Radio		A B	Freq	
			5.50	
		0 9	5.50	
		2		
		3 4		
		4		

#### 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.





	Menu Settings for AT-518	- Untitled.rsf
<u>F</u> ile <u>T</u> abs <u>H</u> elp		
Common 1 Common 2 DTMF		
1st Digit	Group Code	Number
200 ms 🗸 🗸	A 🗸	
Auto Reset		12
10.0 seconds 🗸 🗸	h h	13
Decode Response	PTT ID Delay	15
None 🗸 🗸		16
Encode Delay	opood	17
200 ms 🗸 🗸		18
Encode Preload		10
500 ms 🗸 🗸		11
		12
		13
		15
Self ID		16
001		Use E for * and F for #
PTT ID Start (BOT)		
PTT ID End (EOT)		

# DTMF

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



# ATP-518UV Programming Software **Preferences – Version 4.50**

Preferences									
Grid Display	Memory Defaults	Font Othe	ſ						
	1		Mark the columns to hide.						
Freeze	1		Column	Hide					
		Tran	smit Frequency						
Alt	ernate row		et Frequency						
	I Row1	Offse	et Direction						
	2 Row 2	Nam	-						
	3 Row 3		e Mode						
	4 Row 4	СТС							
			TCSS						
	Fore Back	DCS							
			ower						
			/ Channel Lockout						
Use Co	ombo for Check box	Skip							
			k Shift						
Langua	ige:		ery Save						
Englis	h ▼	Com	ment						
			ОК	Cancel	Apply				
					трру				

# 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			
1 100 kHz Remove			
3 600 kHz To add an offset			
4 1.00 MHz double click "END OF	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 Mill Gothic     12       MV Boli     12       O MVriad Pro Cond     14       O Mvriad Pro Cond     18       O Mvriad Veb Pro     0       O Narkisim     0       O Niacara Encraved     1       Sample     Sample	2: 
AaBbYyZz 0123456789	
ОК	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								
<ul> <li>Use Separate file for menu settings.</li> </ul>								
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.