

# MENU SETUP

## WHAT IS A MENU?

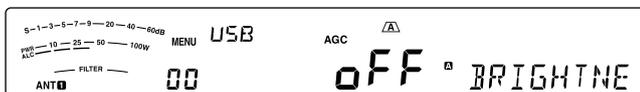
Many functions on this transceiver are selected or configured via a software-controlled Menu, rather than through the physical controls of the transceiver. Once familiar with the Menu system, you will appreciate the versatility it offers. You can customize the various timings, settings, and programming functions on this transceiver to meet your needs without using many controls and switches.

## MENU A/ MENU B

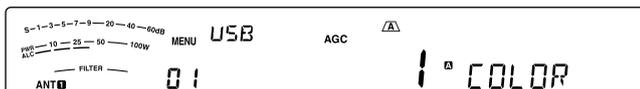
This transceiver has 2 menus: Menu A and Menu B. These menus contain identical functions and can be configured independently. The transceiver, therefore, allows you to switch between 2 different environments quickly and easily. For example, you can configure Menu A for DXing and contesting while Menu B is for relaxed local ragchewing. By switching from Menu A to Menu B, you can instantly change the Menu configuration and key assignment to suit your current operating style. Or, 2 operators may share a single transceiver by dedicating one Menu to each operator. Both operators can always enjoy their own configuration.

## MENU ACCESS

- 1 Press **[MENU]**.
  - The Menu No. and setting appear on the display, and the explanation of the menu appears on the sub-display.



- 2 Press **[A/B (A=B)]** to select Menu A or B.
  - “**A**” or “**B**” appears, indicating which Menu is selected.
- 3 Press **[Q-M.IN]/ [Q-MR]** or turn the **MULTI/CH** control to select the desired Menu No.
  - Each time you change the Menu No., a different scrolling message appears on the sub-display, describing the Menu No.
- 4 Press **[M.IN]/ [SCAN (SG.SEL)]**, or Mic **[UP]/ [DWN]** to select a parameter.



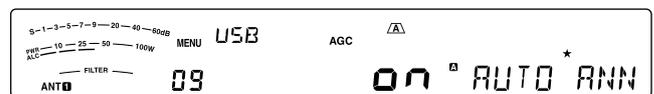
- 5 Press **[MENU]** to exit Menu mode.

## QUICK MENU

Because the number of functions this transceiver provides is extraordinary, there are numerous items in each Menu. If you find accessing desired Menu Nos. to be too time consuming, use the Quick Menu to create your own customized, abbreviated Menu. You can then add those Menu Nos. which you frequently use, to the Quick Menu. Copying Menu Nos. to the Quick Menu has no effect on the Menu.

## PROGRAMMING THE QUICK MENU

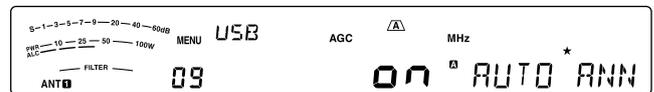
- 1 Press **[MENU]**.
- 2 Press **[Q-M.IN]/ [Q-MR]** or turn the **MULTI/CH** control to select the desired Menu No.
- 3 Press **[FINE (F.LOCK)]**.
  - “**★**” appears, indicating that the Menu item has been added to the Quick Menu.



- 4 Press **[MENU]** to exit Menu mode.
  - To remove the item from the Quick Menu, press **[FINE (F.LOCK)]** again. “**★**” disappears.
- 4 Press **[MENU]** to exit Menu mode.

## USING THE QUICK MENU

- 1 Press **[MENU]**.
- 2 Press **[MHz]**.
  - “**MHz**” appears.



- 3 Press **[Q-M.IN]/ [Q-MR]** or turn the **MULTI/CH** control to select the desired Quick Menu No.
- 4 Press **[M.IN]/ [SCAN (SG.SEL)]**, or Mic **[UP]/ [DWN]** to change the current setting for the selected Menu No.
  - When the Menu is registered to the Quick Menu list, “**★**” appears.
- 5 Press **[MENU]** to exit Quick Menu mode.

**Note:** If the Quick Menu has not been programmed, Press **[Q-M.IN]/[Q-MR]** or turning the **MULTI/CH** control in step 2 causes “CHECK” to be output in Morse code.

## MENU CONFIGURATION

Category	No.	Description	Settings**	Ref. Page
		Display*	Default**	
Operator Interface	00	Display brightness	OFF/ 1 ~ 6	53
		Off, 1: minimum, 6: maximum		
		DISPLAY <b>BRIGHTNESS</b>	4	
	01	Display backlight color	1/ 2	53
		1: amber, 2: green		
		BACKLIGHT <b>COLOR</b>	1	
02	Panel key response for double function	1/ 2/ 3	53	
	1: 0.2 second, 2: 0.5 second, 3: 1 second			
	PANEL <b>KEY RESPONSE</b> FOR DOUBLE FUNCTIONS	2		
Volume	03	Beep output level	OFF/ 1 ~ 9 (1 step)	52
		OFF, 1: minimum, 9: maximum		
		<b>BEEP VOLUME</b>	4	
	04	Sidetone volume	OFF/ 1 ~ 9 (1 step)	23, 35
		OFF, 1: minimum, 9: maximum		
		<b>SIDETONE VOLUME</b>	4	
05	VGS-1 message playback volume	OFF/ 1 ~ 9 (1 step)	59	
	OFF, 1: minimum, 9: maximum			
	MESSAGE <b>PLAYBACK VOLUME</b>	4		
Voice Guide	06	VGS-1 announcement volume	OFF/ 1~ 7 (1 step)	62
		OFF, 1: minimum, 7: maximum		
		VOICE <b>GUIDE VOLUME</b>	4	
	07	VGS-1 announcement speed	0 ~ 4 (1 step)	62
		0: slow, 4: fast		
		VOICE <b>GUIDE SPEED</b>	1	
08	VGS-1 announcement language	EN/ JP	61	
	EN: English, JP: Japanese			
	VOICE <b>GUIDE LANGUAGE</b>	EN		
09	VGS-1 auto announcement	OFF/ ON	60	
	<b>AUTO ANNOUNCEMENT</b>	ON		
Tuning	10	MHz step	0.1/ 0.5/ 1 [MHz]	28
		<b>MHZ STEP</b>	1	
	11	Tuning control adjustment rate	250/ 500/ 1000 [Hz]	29
		TUNING CONTROL <b>CHANGE RATE</b> PER REVOLUTION	1000	
	12	Rounds off VFO frequencies changed by using the <b>MULTI/CH</b> control	OFF/ ON	28
		FREQUENCY <b>ROUNDING</b> OFF WHEN USING MULTI/CH CONTROL	ON	
	13	9 kHz frequency step size for the <b>MULTI/CH</b> control in AM mode on the AM broadcast band	OFF/ ON	28
		MULTI/CH CONTROL <b>9KHZ STEP</b> CHANGE IN AM BROADCAST BAND	K type: OFF E type: ON	
	14	Frequency step size for the <b>MULTI/CH</b> control in SSB/ CW/ FSK mode	0.5/ 1/ 2.5/ 5/ 10 [kHz]	28
		<b>MULTI/CH CONTROL</b>	5	

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Category	No.	Description	Settings**	Ref. Page
		Display*	Default**	
Tuning (continued)	15	Frequency step size for the <b>MULTI/CH</b> control in AM mode	5/ 6.25/ 10/ 12.5/ 15/ 20/ 25/ 30/ 50/ 100 [kHz]	28
		<b>AM MULTI/CH CONTROL</b>	5	
	16	Frequency step size for the <b>MULTI/CH</b> control in FM mode	5/ 6.25/ 10/ 12.5/ 15/ 20/ 25/ 30/ 50/ 100 [kHz]	28
		<b>FM MULTI/CH CONTROL</b>	10	
Memory Channel	17	Number of quick memory channels	3/ 5/ 10 [ch]	45
		NUMBER OF <b>QUICK MEMORY CHANNELS</b>	5	
	18	Tunable memory recall frequencies	OFF/ ON	42
		<b>TUNABLE MEMORY RECALL FREQUENCIES</b>	OFF	
Scan	19	Program scan partially slowed	OFF/ ON	47
		PROGRAM SCAN PARTIALLY <b>SLOWED</b>	ON	
	20	Slow down frequency range for the program scan	100/ 200/ 300/ 400/ 500 [Hz]	47
		PROGRAM SLOW- <b>SCAN RANGE</b>	300	
	21	Program scan hold	OFF/ ON	47
		PROGRAM <b>SCAN HOLD</b>	OFF	
22	Scan resume method	TO/ CO	48	
	<b>SCAN RESUME METHOD</b>	TO		
Auto Mode	23	Auto mode operation	ON/ OFF	51
		<b>AUTO MODE OPERATION</b>	OFF	
DSP Function	24	Auto notch tracking speed	0 ~ 4 (1 step)	39
		<b>AUTO NOTCH TRACKING SPEED</b>	2	
	25	TX filter for SSB/AM low cut	10/ 100/ 200/ 300/ 400/ 500 [Hz]	32
		TX FILTER FOR <b>SSB/AM LOW CUT</b>	300	
	26	TX filter for SSB/AM high cut	2500/ 2600/ 2700/ 2800/ 2900/ 3000 [Hz]	32
		TX FILTER FOR <b>SSB/AM HIGH CUT</b>	2700	
	27	TX filter for SSB-DATA low cut	10/ 100/ 200/ 300/ 400/ 500 [Hz]	32
		TX FILTER FOR <b>SSB-DATA LOW CUT</b>	300	
	28	TX filter for SSB-DATA high cut	2500/ 2600/ 2700/ 2800/ 2900/ 3000 [Hz]	32
		TX FILTER FOR <b>SSB-DATA HIGH CUT</b>	2700	
29	Speech processor effect	SOFT/ HARD	31	
	<b>SPEECH PROCESSOR EFFECT</b>	HARD		
Equalizer	30	DSP TX equalizer oFF: Off, Hb1: High boost1, Hb2: High boost2, FP: Formant pass, bb1: Bass boost1, bb2: Bass boost2, c: Conventional, U: User (Reserved for ARCP software)	OFF/ HB1/ HB2/ FP/ BB1/ BB2/ C/ U	32
		<b>DSP TX EQUALIZER</b>	OFF	
	31	DSP RX equalizer oFF: Off, Hb1: High boost1, Hb2: High boost2, FP: Formant pass, bb1 Bass boost1, bb2: Bass boost2, FLAT: Flat U: User (Reserved for ARCP software)	OFF/ HB1/ HB2/ FP/ BB1/ BB2/ FLAT/ U	55
		<b>DSP RX EQUALIZER</b>	OFF	

Category	No.	Description	Settings**	Ref. Page
		Display*	Default**	
CW	32	Electronic keyer mode	A/ B	33
		ELECTRONIC <b>KEYER MODE</b>	B	
	33	Keying priority over playback	OFF/ ON	34
		<b>KEYING PRIORITY OVER PLAYBACK</b>	OFF	
	34	CW RX pitch/ TX sidetone frequency	300 ~ 1000 (50 [Hz] step)	23
		<b>CW RX PITCH/TX SIDETONE FREQUENCY</b>	800	
	35	CW rise time	1/ 2/ 4/ 6 [ms]	33
		<b>CW RISE TIME</b>	6	
	36	CW keying dot, dash weight ratio	AUTO/ 2.5 ~ 4.0 (0.1 step)	33
		<b>CW WEIGHTING</b>	AUTO	
	37	Reverse CW keying auto weight ratio	OFF/ ON	33
		<b>REVERSED CW WEIGHTING</b>	OFF	
	38	Bug key function	OFF/ ON	34
		<b>BUG KEY FUNCTION</b>	OFF	
	39	Reversed dot and dash keying	OFF/ ON	36
		<b>REVERSED DOT AND DASH KEYING</b>	OFF	
40	MIC UP/DWN key paddle function PF: PF key PA: Paddle	PF/ PA	36	
	<b>MIC UP/DWN KEY FUNCTION</b>	PF		
41	Auto CW TX when keying in SSB	OFF/ ON	36	
	<b>AUTO CW TX WHEN KEYING IN SSB</b>	OFF		
42	Frequency correction for changing SSB to CW	OFF/ ON	36	
	<b>FREQUENCY CORRECTION FOR SSB-TO-CW CHANGE</b>	OFF		
43	No Break-in operation while adjusting keying speed	OFF/ ON	33	
	<b>NO BK-IN WHILE ADJUSTING KEYING SPEED</b>	OFF		
FSK	44	FSK shift	170/ 200/ 425/ 850 [Hz]	37
		<b>FSK SHIFT</b>	170	
	45	FSK keying polarity	OFF/ ON	37
		<b>REVERSED FSK KEY-DOWN POLARITY</b>	OFF	
46	FSK tone frequency	1275/ 2125 [Hz]	37	
	<b>FSK TONE FREQUENCY</b>	2125		
FM	47	MIC gain for FM 1: Low, 2: Mid, 3: Hi	1 ~ 3	21
		<b>FM MIC GAIN</b>	1	
TX Control	48	Fine transmission power tuning	OFF/ ON	56
		<b>FINE TRANSMIT POWER CHANGE STEPS</b>	OFF	
	49	Time-out timer	OFF/ 3/ 5/ 10/ 20/ 30 (min)	55
		<b>TIME-OUT TIMER</b>	OFF	
Transverter	50	Xverter/ power down of Xverter	OFF/ 1/ 2	55
		<b>XVERTER/ POWER DOWN OF XVERTER</b>	OFF	

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Category	No.	Description	Settings**	Ref. Page
		Display*	Default**	
Antenna Tuner	51	TX hold when AT completes the tuning	OFF/ ON	50
		<b>ANTENNA TUNER TX HOLD</b>	OFF	
	52	In-line AT while receiving	OFF/ ON	50
		<b>ANTENNA TUNER FOR RECEPTION</b>	OFF	
Linear Amp	53	Linear amplifier control relay for HF band	OFF/ 1/ 2/ 3	53
		<b>HF LINEAR AMPLIFIER CONTROL RELAY</b>	OFF	
	54	Linear amplifier control relay for 50 MHz band	OFF/ 1/ 2/ 3	53
		<b>50MHZ LINEAR AMPLIFIER CONTROL RELAY</b>	OFF	
Message	55	Constant recording	OFF/ ON	60
		<b>CONSTANT RECORDING</b>	ON	
	56	Repeat the playback	OFF/ ON	36, 59
		<b>PLAYBACK REPEAT</b>	OFF	
	57	Interval time for repeating the playback	0 ~ 60 [s] (1 step)	36, 59
		<b>PLAYBACK INTERVAL TIME</b>	10	
Split/ Transfer	58	Split frequency transfer in master/ slave operation	OFF/ ON	57
		<b>TRANSFER SPLIT FREQUENCY DATA TO ANOTHER TRANSCEIVER</b>	OFF	
	59	Permit to write the transferred Split frequencies to the target VFOs	OFF/ ON	57
		<b>COPY SPLIT FREQUENCY DATA TO VFO</b>	OFF	
TX Inhibit	60	TX inhibit	OFF/ ON	32
		<b>TX INHIBIT</b>	OFF	
PC (Communication)	61	COM port communication speed***	4800/ 9600/ 19200/ 38400/ 57600/ 115200	57
		<b>COM PORT BAUDRATE</b>	9600 (bps)	
	62	USB port communication speed***	4800/ 9600/ 19200/ 38400/ 57600/ 115200	57
		<b>USB PORT BAUDRATE</b>	115200 (bps)	
External Audio (Input/ Output)	63	Audio input line selection for data communications	ACC2/ USB	58
		<b>AUDIO INPUT LINE SELECT FOR DATA COMMUNICATIONS</b>	ACC2	
	64	Audio level of USB input for data communications	0 ~ 9 (1 step)	58
		<b>AUDIO LEVEL OF USB INPUT FOR DATA COMMUNICATIONS</b>	4	
	65	Audio level of USB output for data communications	0 ~ 9 (1 step)	58
		<b>AUDIO LEVEL OF USB OUTPUT FOR DATA COMMUNICATIONS</b>	4	
	66	Audio level of ACC2 input for data communications	0 ~ 9 (1 step)	58
		<b>AUDIO LEVEL OF ACC2 INPUT FOR DATA COMMUNICATIONS</b>	4	
	67	AUDIO level of ACC2 output for data communications	0 ~ 9 (1 step)	58
		<b>AUDIO LEVEL OF ACC2 OUTPUT FOR DATA COMMUNICATIONS</b>	4	
68	Mixing beep tones for ACC2/USB audio output	OFF/ ON	58	
	<b>MIXING BEEP TONES FOR ACC2/USB AUDIO OUTPUT</b>	OFF		

Category	No.	Description	Settings**	Ref. Page
		Display*	Default**	
External Accessory Control	69	Data VOX	OFF/ ON	30
		VOX OPERATION <b>WITH DATA</b> INPUT	OFF	
	70	Data VOX delay time	0 ~ 100 (5 step)	30
		DATA <b>VOX DELAY</b> TIME	50	
	71	Data VOX gain for the USB audio input	0 ~ 9 (1 step)	31
		<b>USB VOX</b> GAIN	4	
	72	Data VOX gain for the ACC2 terminal	0 ~ 9 (1 step)	31
		<b>ACC2 VOX</b> GAIN	4	
	73	PKS polarity	OFF/ ON	63
		<b>REVERSED PKS</b> POLARITY	OFF	
	74	Busy lockout (TX)	OFF/ ON	32
		<b>BUSY FREQUENCY TRANSMISSION</b> LOCKOUT	OFF	
	75	CTCSS mute control	1/ 2	58
		CTCSS <b>MUTE</b> CONTROL	1	
	76	PSQ control signal logic	LO/ OPEN	58
<b>PSQ OUTPUT</b> LOGIC		LO		
77	PSQ source output condition	OFF/ BSY/ SQL/ SND/ BSY-SND/ SQL-SND	58	
	<b>PSQ SOURCE</b>	SQL		
Timer	78	APO (Auto Power Off) function	OFF/ 60/ 120/ 180 [min]	50
		<b>AUTO POWER</b> OFF	OFF	
PF Keys	79	Front panel PF A key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54
		FRONT PANEL <b>PF A</b> KEY ASSIGNMENT	200 [VOICE1]	
	80	Front panel PF B key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54
		FRONT PANEL <b>PF B</b> KEY ASSIGNMENT	201 [VOICE2]	
	81	Microphone PF 1 key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54
		<b>MIC PF 1</b> KEY ASSIGNMENT	130 [A/B]	
	82	Microphone PF 2 key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54
		<b>MIC PF 2</b> KEYASSIGNMENT	128 [SPLIT]	
	83	Microphone PF 3 key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54
		<b>MIC PF 3</b> KEY ASSIGNMENT	132 [M>V]	
	84	Microphone PF 4 key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54
		<b>MIC PF 4</b> KEY ASSIGNMENT	203 [MONITOR]	
	85	Microphone DWN key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54
		<b>MIC DOWN</b> KEY ASSIGNMENT	206 [DOWN]	
86	Microphone UP key assignment	0 ~ 87, 100 ~ 134, 200 ~ 208, OFF	54	
	<b>MIC UP</b> KEY ASSIGNMENT	207 [UP]		
Message	87	Power on message	HELLO/ EDIT	23
		<b>POWER ON</b> MESSAGE	KENWOOD	

\* The bolded lettering of the display message is what appears on the display while paused.

\*\* Settings and default values may be modified.

\*\*\* After changing this setting via the menu, turn the power OFF and then back ON to implement the change.

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## 4 MENU SETUP

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### CHARACTER ENTRY

When character entry is required, a cursor will appear on the display.

- 1 Move the cursor to the left or right by pressing [**Q-M.IN**] or [**Q-MR**].



- 2 Turn the **MULTI/CH** control or press [**M.IN**]/**[SCAN (SG.SEL)]** to select your desired character.
  - You can delete the selected character by pressing [**CL**].
- 3 Repeat steps 1 and 2 to enter the remaining characters.
- 4 Press [**MENU**] to set the entry and to exit character entry mode.
  - Press [**CLR**] at any time to cancel character entry mode and return to the Menu selection.

#### Available alphanumeric characters:

A B C D E F G H I J K L M N O P Q(q) R S T U V W X  
Y Z (space) \* + - / 0 1 2 3 4 5 6 7 8 9

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**Note:** Refer to page 23 to change the Power On message, and page 43 to register a Memory Channel name.

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