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MENU DESCRIPTION

Many functions on this transceiver are selected or configured via software-controlled menus instead of physical controls on the transceiver. Once familiar with the Menu system, you will appreciate the versatility it offers. No longer is the number and complexity of features restricted by the physical size of transceiver.

The Menus are identified as Menu A and Menu B. Menu A is used to access functions that are frequently changed while Menu B is used for less frequently changed functions.

MENU A ACCESS

Anytime that you want to change a function that is controlled by Menu A, use the following procedure:

1 Press **[F] (1 s)** to enter Menu A.

- "MENU" begins blinking and the menu selected last appears.

2 Select the desired menu function by pressing either **[MR]** or **[VFO]**.

- Press **[VFO]** to cycle through functions in a downward direction on the chart.
- Press **[MR]** to cycle through functions in an upward direction on the chart.
- Microphone **[MR]** or **[VFO]** may be used if more convenient.

3 Select the desired menu selection by turning the Tuning control or by pressing microphone **[UP]** or **[DWN]**.

- When selecting from a group of numeric menu selections, turning the Tuning control clockwise or pressing microphone **[UP]** selects in ascending order, and turning the Tuning control counterclockwise or pressing microphone **[DWN]** selects in descending order.

4 After selecting the desired menu selection, press **[SHIFT]** or **[TONE/CTCSS]** or **[REV]** or **[DTSS]** to exit Menu A.

Note: *The Automatic Power Off timer stops counting while you are in Menu Set-up.*

MENU A CONFIGURATION

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Menu Label	Description	Selections	Default	Page
DIM	Display Brightness • 5 illumination levels (d1: brightest)	OFF/d4/d3/d2/d1	d2	64
BEEP	Confirmation Beep	OFF/ON	ON	64
STEP	Frequency Step Size	12.5kHz/25kHz/5kHz/ 10kHz/15kHz/20kHz	TM-251A/E: 12.5 kHz[1] TM-451A/E: 25 kHz	35
TOT	Time-Out Timer	OFF/3/5/10/20/30 minutes	OFF	38
APO	Automatic Power Off	OFF/60/120/180 minutes	OFF	63
DUP	Full Duplex	OFF/ON	OFF	91
CO	Scan Resume	TO/CO	TO	57
S.SQL	S-meter Squelch	OFF/ON	OFF	29
+ –	Transmit Offset (Shift)	d, 5 kHz to 40 MHz	d [2]	50
🔔	Tone Alert Alarm Tone	Bel1/Bel2/Bel3	Bel1	87
	Display Mode during CTCSS, DTSS, or Page	OFF/Sub1/Sub2	OFF	65
▲	AM/FM Mode[3]	A/F	FM (AM: 118 to 136 MHz)	31

[1] TM-251A (U.S.A. and Canada): 5 kHz
[2] TM-251A/E: 600 kHz, TM-451A: 5 MHz, TM-451E: 1.6 MHz
[3] Only on Main Band of TM-251A/E with expanded receive coverage outside the Amateur bands.

MENU B ACCESS

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Anytime that you want to change a function that is controlled by Menu B, use the following procedure:

1 Press **[REV] + POWER ON** to enter Menu B.
- The menu and menu number selected last appears.

2 Select the desired menu function by pressing either **[MR]** or **[VFO]**.
- Press **[MR]** to increment Menu No., and **[VFO]** to decrement Menu No.
- Microphone **[MR]** or **[VFO]** may be used if more convenient.

3 Select the desired menu selection by turning the Tuning control or by pressing microphone **[UP]** or **[DWN]**.
- When selecting from a group of numeric menu selections, turning the Tuning control clockwise or pressing microphone **[UP]** selects in ascending order, and turning the Tuning control counterclockwise or microphone **[DWN]** selects in descending order.

4 After selecting the desired menu selection, press **[SHIFT]** or **[TONE/CTCSS]** or **[REV]** or **[DTSS]** to exit Menu B.

MENU B CONFIGURATION

Menu No	Description	Selections	Default	Page
50	Remote Control Mode	OFF/ON	OFF	67
51	Automatic Page Cancel	OFF/ON	OFF	84
52	Open Page	OFF/ON	OFF	85
53	DTSS/Page Transmit Delay Time (offset/split only)	350ms/550ms	350 ms	76,83
54	Transmit Hold for 1750 Hz Tone • TM-251E/TM-451E only	OFF/ON	OFF	53
55	Transmit Inhibit	OFF/ON	OFF	38
56	Frequency Change during Memory Recall	OFF/ON	OFF	41
57	DATA Connector Baud Rate	1200/9600	1200	93

Menu No	Description	Selections	Default	Page
58	Microphone Connector Receive Audio ● Audio available from RD terminal while squelch is open.	OFF/ON	ON	71
59	Channel Display ● Frequency Display (OFF) or Channel Number Display (ON)	OFF/ON	OFF	45
60	Programmable Band Scan (Lower Limit)	Receive Frequencies	–	59
61	Programmable Band Scan (Upper Limit)	Receive Frequencies	–	59
62	Programmable VFO Tuning (Lower Limit)	Receive Frequencies	Lowest Receive Frequency	33
63	Programmable VFO Tuning (Upper Limit)	Receive Frequencies	Highest Receive Frequency	33
64	Squelch Hang Time Select	OFF/125/250/500	OFF	29
65	DTMF Memory Store	OFF/P ---	OFF	54
66	Record Timer Select	8 sec/16 sec	8 sec	88
67	Record Mode ● Continuous (1) or Single (2)	1/2	1	89
68-70	Unsupported Functions	–	–	–
71	Page Answer-back	OFF/ON	OFF	83
72	Message Playback Control via DTSS	OFF/ON	OFF	77
73	DTSS Code Select for Message Playback	000-999	919	78

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