

FT-817 Simplified Operating Guide

K6XX

8 December 2000

Display Icons

Top Row: Voltage –OR– active VFO; operating mode  
Second Row: Frequency; R on the right side denotes the rear (SO-239) antenna jack is active  
Third Row: Meter mode (S-meter, POver, ALc, SWr, MO(deviation meter); icons for Fast tuning (running man) or Lock (key) on the right side  
Fourth Row: Icons for Dual Watch; Repeater Offset & direction; PL tone; Tone Squelch; DCS; Power-off timer; Transmit power step; Split frequency (black “battery”); Battery/Charge (white “battery”)

Operating Menu Items

(critical items in **BOLD**)  
Operating Menu access: Momentarily push **F**  
⇒Exit: select an item –OR– momentarily push **F** again  
⇒⇒*Operating menu keys are available even when legends are not visible*

A	B	C
<b>A/B VFO toggle</b>	<b>A=B (equalize VFOs)</b>	<b>SPLit mode toggle</b>
Memory Write	Mem. Clear (skipped during scan)	alphanumeric TAG
STOre freq. into quick memory bank	RCL quick memory frequency	start Programmable Memory Scan
RePeater shift enable (hold to set offset)	REVerse split	TONE enable (hold to set frequency)
ScaN initiate	PRIOrity scan	Dual Watch (alternate between two receive frequencies)
Spectrum Scope Monitor (hold to set mode)	Smart searCH (find/store active frequencies)	Auto Range Transponder (hold to set mode)
<b>Intercept Point Optimization (bypass rx preamp)</b>	<b>ATTenuator toggle</b>	<b>NARrow filter toggle</b>
Noise Blanker toggle	AGC selection	[none]
<b>PoWeR selection</b>	<b>MeTeR selection</b>	[none]
<b>VOX toggle (hold to set delay)</b>	<b>BreaK-in toggle (hold to set delay)</b>	<b>KeYeR (hold to set speed)</b>
<b>CHarGe initiate (hold to set charge time)</b>	<b>VoLTmeter display</b>	<b>DiSPlay large numerals for frequency</b>
Tone searCH (find pl frequency)	initiate DCs searchH	[none]

Important Menu System Items

Menu System access: Push & Hold **F**  
>Exit: Push & hold **F** to save or push **C** to cancel without saving changes

Number	Pneumonic	Notes
04	AM&FM DL	Enable main dial for tuning AM & FM modes
05	AM MIC	Adjust mic gain for AM mode
06	AM STEP	Select AM mode tuning step size (SEL knob)
07	ANTENNA	Select Front or Rear antenna connector
10	BACKLIGHT	Forces the backlight ON/OFF, or Auto (turns on for 5 sec upon key press)
11	BATT-CHG	Select battery charge time
13	BEEP VOL	Adjusts acknowledgement beep volume
14	CAT RATE	Select data rate for serial port
15	COLOR	Select Blue or Amber backlight
16	CONTRAST	Select display contrast
17	CW DELAY	Adjust CW T to R recovery delay (also available from operating menu)
19	CW PADDLE	Select which side of paddle sends dots
20	CW PITCH	Adjust center frequency of CW tone
21	CW SPEED	Adjust sending speed of internal keyer (also available from operating menu)
25	DIG MIC	Adjust mic gain for digital modes (AFSK)
26	DIG MODE	Select RTTY/PSK/User defined digital mode
29	FM MIC	Adjust mic gain for FM mode
30	FM STEP	Select FM mode tuning step size (SEL knob)
33	MAIN STEP	Select Fine (10Hz) or COARSE (20Hz) main tuning frequency increment
34	MEM GROUP	Enable grouping memory into banks of 20
35	MEM TAG	Edit memory channel alphanumeric tags
37	MIC SCAN	Enable scan start by UP/Down keys on mic
38	OP FILTER	Enable accessory filter
39	PKT MIC	Adjust mic gain for packet operation
40	PKT RATE	Select 1200 or 9600bps packet data rate (RF)
41	RESUME	Select scan delay before resume
42	RPT SHIFT	Set repeater shift
43	SCOPE	Select continuous or every 10 seconds for spectrum scope
44	SIDETONE	Adjust level of CW sidetone
45	SQL/RF-G	Toggle between RF Gain and Squelch functionality
46	SSB MIC	Adjust mic gain for SSB operation
47	SSB STEP	Select SSB mode tuning step size (SEL knob)
48	TONE FREQ	Select CTSS tone frequency
49	TOT Time	Adjust Time-out Timer time
50	VOX Delay	Adjust voice mode T to R recovery delay (also available from operating menu)
51	VOX Gain	Adjust sensitivity of VOX
52	EXTEND	Enable access to extended menu items (53 to 57)