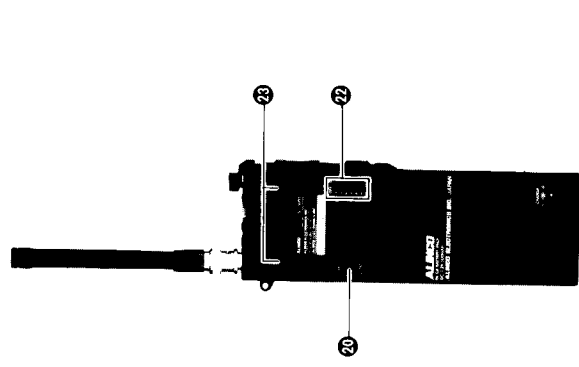
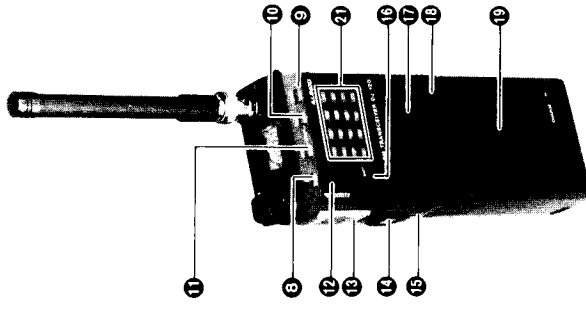
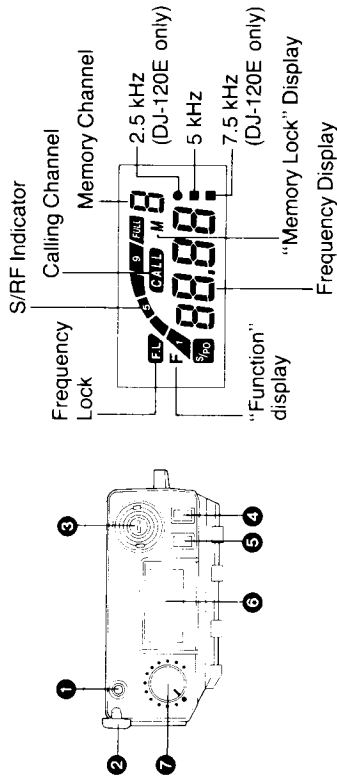


ACCESSORIES AVAILABLE FOR THE DJ-120T/E

- A. EBP-7NAZ (Standard)
 - B. EBP-8NAZ
 - C. EDC-10 (120 V)/EDC-6 (220 V)
 - D. EDC-11 (120 V)/EDC-12 (220 V)
 - E. EDC-2
 - F. EDC-8Z
 - G. EME-2
 - H. EME-3Z
 - I. EMS-1Z
 - J. ESC-12
- 7.2 V, 700 mAh NiCd with DC/DC converter
 - 12.0 V, 700 mAh NiCd with DC/DC converter
 - Wall charger for 7.2 V NiCds
 - Wall charger for 12.0 V NiCds
 - Cigarette lighter plug
 - Cigarette lighter plug with noise filter
 - Earphone/microphone
 - Earphone
 - Speaker/microphone
 - Soft case

CONTROLS



- 1 SP/MIC**, 3-conductor miniature phone jack for speaker, earphone, and/or external microphone.
- 2 SP/MIC COVER** provides a dust and moisture cover for the SP/MIC jack.
- 3 ANTENNA CONNECTOR** provides a BNC jack for connecting a rubber ducky antenna, or an external antenna.
- 4 SQL**, the squelch button; in the out position it provides squelch quieting; the in position opens the squelch.

- 1** S/RF Indicator
- 2** Frequency Lock
- 3** Calling Channel
- 4** Memory Channel
- 5** 2.5 kHz (DJ-120E only) 5 kHz (DJ-120E only)
- 6** "Function" display
- 7** "Memory Lock" Display

5 CALL button toggles between the active memory/VFO and memory 0; also toggles memory lock with FUNCTION button depressed.

6 LIQUID CRYSTAL DISPLAY provides a multifunctional display:

S/R indicates relative received signal strength and relative power output on a bargraph display.

F.L indicates that the frequency lock switch is engaged.

F indicates that the FUNCTION button is being held down.

FREQUENCY DISPLAY displays the 10 MHz, 1 MHz, 100 kHz, and 10 kHz digits; a black square indicate 2.5, 5, 7.5 kHz (absence of a black square indicates a 0 in the units kHz position).

M shows that the memory channel is locked; the frequency and shift for that memory cannot be altered while locked.

MEMORY/VFO CHANNEL NUMBER indicates which memory/VFO you are operating from.

CALL indicates that you are operating on the call channel (same as memory 0).

7 POWER and VOLUME, is a standard audio gain control, with built-in on/off switch.

8 FUNCTION, the blue button, enables the alternate functions of the other pushbuttons.

9 UP ^ changes frequency upwards in steps of 5 kHz. (DJ-120E: 12.5 kHz), or steps 100 kHz with the FUNCTION button depressed.

10 DOWN v changes frequency downwards in steps of 5 kHz. (12.5 kHz), or steps of 100 kHz with the FUNCTION button depressed.

11 MEMO., increments VFO/memory number; also increments frequency by 1 MHz with the FUNCTION button depressed. If held down, the VFO/memory channel (or MHz digit if the FUNCTION button is also depressed) will increment sequentially at about 3 channels per second until the button is released.

12 F.LOCK in the "up" position locks the frequency currently displayed and will not allow changes to operating frequency or shift.

13 PTT; depressing the push-to-talk button enables the transmitter and microphone; releasing the PTT returns the radio to receive.

14 LIGHT button turns on the lights behind the LCD for as long as this switch is depressed. (DJ-120T)

14 TONE BURST button enables the transmitter with 1750 Hz tone in the duplex mode. (DJ-120E)

15 RELEASE; the battery lock is released when the release button is held upward, and the battery pack may be slid off.

16 SHIFT, when held depressed, switches the receiver to the repeater input frequency; with the FUNCTION switch held, it toggles the transmit offset frequency from none (simplex), to -600 kHz, to +600 kHz shift.

17 SPEAKER/MICROPHONE is built into the radio behind the metal screen.

18 RESET button clears all memories, sets all VFOs to 145,000 MHz, and locks memory 0; use a sharp point, such as a pencil, to depress the reset button.

19 BATTERY; the standard battery, or optional batteries, slide onto the transmitter and lock; to remove the battery pack, hold the release button up and slide the pack off.

20 HI/LO switches the transmitter between high power and low power; see the RF Power Output Table to determine the output power for a specific battery pack.

21 DTMF PAD (DJ-120T); with the PTT depressed, transmits a DTMF (dual tone, multi-frequency) tone corresponding to the digit depressed; A through D can be used for remote control applications.

22 TONE (DJ-120T) is used to enable the CTCSS tones and to set the tone frequency (see chart).

23 BELT CLIP MOUNT; the belt clip mounts here with the two Phillips-head screws provided.

CTCSS TONE CHART

(1=ON, blank=OFF)

F _{req} (Hz)	P1	P2	P3	P4	P5	P6
67.0	1					
71.9		1				
74.4	1	1				
77.0			1			
79.7	1	1	1			
82.5				1		
85.4	1	1	1			
88.5					1	
91.5	1	1	1			
94.8				1		
97.4	1	1	1			
100.0				1		
103.5	1	1	1			
107.2				1		
110.9	1	1	1			
114.8					1	
118.8	1					
123.0				1		
127.3	1	1	1			
131.8				1		
136.5	1	1	1			
141.3				1		
146.2	1	1	1			
151.4					1	
156.7	1	1	1			
162.2				1		
167.9	1	1	1			
173.8				1		
179.9	1	1	1			
186.2				1		
192.8	1	1	1	1		
203.5					1	
210.7	1					
218.1				1		
225.7	1	1	1			
233.6					1	
241.8	1	1	1			
250.3				1		