

MEMORY WRITE: 1. Enter the VFO MODE. Set the frequency, tone, and shift accordingly. 2. Press and HOLD the "F" key, then press the V/M (MW) key. 3. The "M" and the memory channel number will start flashing. 4. Press either the "UP" or "DOWN" key to select the desired memory channel. 5. Press the "V/M (MW)" again write channel into memory selected.

MEMORY ERASE: 1. Enter the MEMORY MODE. 2. Push the up / down arrows to select the memory channel to erase. 3. Press and HOLD the "F" key, then press the "V/M (MW)" key. 4. Press and HOLD the "F" key, then press the "V/M (MW)" key again.

CALL CHANNEL: Enter either the VFO or MEMORY MODE and press the "CALL/BELL" key. The "C" icon will appear on the LCD display.

CALL WRITE: 1. Enter the VFO MODE. Set the frequency, tone, and shift accordingly.
2. Press and HOLD the "F" key, then press the "V/M (MW)" key.
3. Using either the "UP" or "DOWN" key, select memory channel "C".
4. Press the "V/M (MW)" key again.

SCANNING

VFO (BAND) SCAN: Enter the VFO MODE. Press the "SCAN/SHIFT" key. The frequency decimal point will start blinking to indicate the radio is in the scan mode.

SCAN MEMORY: Enter MEMORY MODE and press the "SCAN (KL/FL)" key.

SCAN DIRECTION: Enter the VFO or MEMORY MODE. Press and HOLD either the "UP" or "DOWN" key for longer than one second.

SCAN STOP: Press either the "UP", "DOWN", or "PTT" key.

STEPKEY: The STEP function is used to select the desired incremental changes of the receive and transmit frequencies in steps of 5, 10, 12.5, 15, 20, and 25KHz.
1. Enter the VFO MODE.
2. Press and HOLD the "F" key, then press the "UP/STEP" key Change the channel step by using either the "UP" or "DOWN" key.
3. Press the "PTT" to return to the operating frequency.
4. After the channel step is set, the receive and transmit frequency will increase or decrease by the value selected.

CHANGING FREQUENCY IN ONE MHz STEPS

In the VFO MODE, push the "F" key. The LCD will indicate with the MHz digit blinking. Press either the "UP" or "DOWN" key. This will change the frequency UP or DOWN in one MHz steps.

CHANGING FREQUENCY IN 100KHz STEPS

In the VFO MODE, push the "F" key TWICE. The LCD will indicate with the Khz digit blinking. Press either the "UP" or "DOWN" key. This will change the frequency UP or DOWN in 100KHz steps.

Other Exciting DJ-S41T Functions

BEEP ON/OFF: Press and HOLD the "MONI" key while turning on the radio. This toggles the beep on or off.

KL (KEY LOCK): This function conveniently locks the radio's keys to prevent accidental function access. Only the following controls are available while the KL is enabled.

- **"PTT" switch
- **"MONI" key
- **"LAMP" key

To activate the key lock function, press and HOLD the "F" key, then press the "MONI" key. The "L" icon will appear on the LCD display indicating the unit is in the key lock mode. To disable the key lock function, reverse the above steps.

APO (AUTOMATIC POWER OFF)

The APO function automatically turns the radio off if no switch or controls are activated or no signal is received for the preset period of time. This function protects against battery drainage when those of us forget to turn the radio off. To activate the APO function, perform the following:

1. Press and HOLD the "F" key, then press the "LAMP (APO)" key.
The "APO" icon and either the "30", "60", "90", "120", "OFF" icon will appear on the LCD display.
2. If you set the APO for "30" (meaning 30 minutes) and if no signal is received or no operation is performed for 30 minutes, an "OFF" in Morse Code is automatically heard.
3. At the end of the Morse Code signal, the transceiver power is automatically turned off.

TONE FREQUENCIES

There are 50 different tone frequencies available for tone encode. The following is a list of those frequencies.

67.0	69.3	71.9	74.4	77.0	79.7	82.5	85.4	88.5	91.5
94.8	97.4	100.0	100.3	107.2	110.9	114.8	118.8	123.0	127.3
131.8	136.5	141.3	146.2	151.4	156.7	159.8	162.2	165.5	167.9
171.3	173.8	177.3	179.9	183.5	186.2	189.9	192.8	196.6	199.5
203.5	206.5	210.7	218.1	225.7	229.1	233.6	241.8	250.3	254.1

COURTESY BEEP ON/OFF

At the end of each transmission when the "PTT" is released, a BEEP is heard from the speaker. Other parties will hear this BEEP on their radios too. To deactivate this function, turn the radio off. Press and HOLD the "DOWN" key while turning the radio on. To activate again, press and HOLD the "UP" key while turning the radio on.

TONE ALERT / 1750Hz TONE BURST

While in the transmit mode (press and HOLD the "PTT"), press either the "UP" or "DOWN" key. The radio will generate the preset tone. The DJ-S41T comes from the factory with an alert tone as the default tone. To enable the 1750 tone burst, press and HOLD the "CALL/BELL" key while turning the radio on. Repeating this step will return you to the default alert tone.

CHANNELIZED DISPLAY

Your DJ-S41T can be used in either the frequency display mode or the channel display mode. Using the DJ-S41T in the channel display mode is helpful when you want to operate on your favorite frequencies without having to memorize each specific frequency. To use your radio in the channel display mode, press and HOLD the "V/M (MW)" key while turning the radio on. NOTE: you must have frequencies stored into memories prior to this operation or it will not work. To return to frequency display mode, repeat the above steps.

BELL FUNCTION

When this function is set and signals are received, the radio will generate a beep ring tone from the speaker like a telephone ring. To activate this function, press and HOLD the "F" key, then press the "CALL/BELL" key. To deactivate this function, repeat the above steps. To stop the tone ringing, push the "PTT" key.

Getting Started!

Adjust The Following Settings and Controls of the Unit.

1. Power Switch: OFF
2. Insert the AA batteries, NiCad Cells, or the optional EDH-18 DC adapter cord.
3. Ensure the antenna is in the up-right position.
4. Turn the power ON.
5. The LCD will indicate frequency.

THE INITIAL FACTORY SETTINGS ARE AS FOLLOWS

VCO FREQUENCY:	445.000MHz
CHANNEL STEP:	5KHz
SHIFT:	NONE
OFFSET FREQUENCY:	5.0MHz
CALL FREQUENCY:	445.000MHz
tone setting:	NONE
tone frequency:	88.5Hz
TRANSMITTER OUTPUT:	HIGH (340mW)
KEYLOCK:	OFF
T.O.T:	OFF

6. Press either the "UP" or "DOWN" key to select the desired frequency.
7. Adjust the speaker volume.

YOUR ON THE AIR!!!!

POWER ON: Insert the three AA batteries or NiCad cells. Rotate the volume knob clockwise.

SQUELCH: To open squelch, press and hold the "MONI" key.

VOLUME: Rotate the volume clockwise to increase the speaker loudness. Rotate the volume counter-clockwise to decrease speaker loudness.

LAMP: Press the "LAMP" key to illuminate the LCD.

VFO MODE: Press the "V/M (MW)" key so that the LCD display does not show the "M" or "C" icons.

VFO FREQ: Use either the "UP" key or "DOWN" key to change frequency.

SIMPLEX: Press and HOLD the "F" key, press the "SCAN/SHIFT" key, then press only the "SCAN/SHIFT" key again so that the LCD DOES NOT display a "+" or "-" icon.

OFFSET: Press and HOLD the "F" key, press the "SCAN/SHIFT" key, then press only the "SCAN/SHIFT" key again until the "+" or "-" icon appears on the LCD display.

tone ENCODE: Press and HOLD the "F" key, then press the "DOWN/TONE" key. Only press either the "UP" or "DOWN" key for the desired tone. Press and HOLD the "F" key again, then press the "DOWN/TONE" key to activate or deactivate the tone encode function. The "T" icon will appear on the LCD display when the tone is enabled.

POWER SETTING: While transmitting (Press and HOLD the "PTT"), Press the "SCAN/SHIFT" key to select the desired output setting. When the "LOW" icon is displayed on the LCD display, the unit is in the low power mode.

MEMORY MODE: Press the "V/M (MW)" key to display the "M" icon in the LCD display.

MEMORY SCROLL: Enter the MEMORY MODE, press either the "UP" or "DOWN" key.