

DUAL TONE MULTI-FREQUENCY (DTMF)

The keys on the microphone keypad function as DTMF keys; the 12 keys found on a push-button telephone plus 4 additional keys (A, B, C, D). This transceiver provides 10 dedicated memory channels. You can store a DTMF code with up to 16 digits.

Some repeaters in the U.S.A. and Canada offer a service called Autopatch. You can access the public telephone network via such a repeater by sending DTMF tones. For further information, consult your local repeater reference.

MANUAL DIALING

Manual Dialing requires only two steps to send DTMF tones.

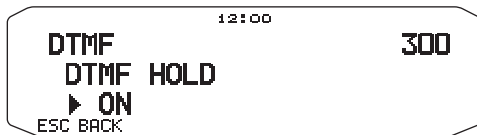
- 1 Press and hold the microphone **[PTT]**.
- 2 Press the keys in sequence on the keypad to send DTMF tones.
 - The corresponding DTMF tones are transmitted.
 - If the DTMF Hold function is activated, you need not hold down **[PTT]** while pressing keys. After transmitting the first tone (by pressing **[PTT]** and the first key), pressing additional keys will keep the transceiver in transmit mode for 2 seconds.

Frequency (Hz)	1209	1336	1447	1633
697	[1]	[2]	[3]	[A]
770	[4]	[5]	[6]	[B]
852	[7]	[8]	[9]	[C]
941	[*]	[0]	[#]	[D]

DTMF Hold

Activate this function to remain in transmit mode, after beginning to press keys when making a call.

- 1 Enter Menu mode and access Menu 300.



- 2 Set DTMF Hold to ON to continue transmitting when pressing keys.
 - Set this menu to OFF to stop the 2 second continuous transmission.

AUTOMATIC DIALER

There are 10 dedicated DTMF Memory channels available to store DTMF codes. You can store up to 16 digits in each channel.

Storing a DTMF Code in Memory

- 1 Enter Menu mode and access Menu 301.



- 2 Rotate the **Tuning** control to select a channel number.
- 3 Press the **Tuning** control to set the selected channel number.

- The name entry display appears.



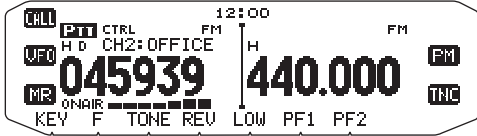
- 4 Enter a name for the channel, then press the **Tuning** control to set it.
 - The code entry display appears.



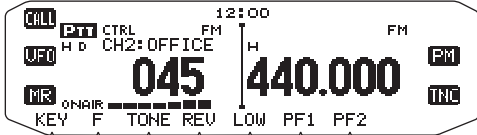
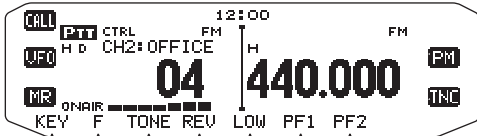
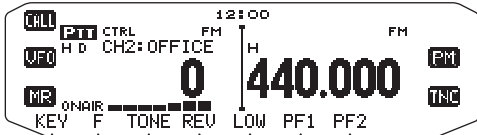
- 5 Enter a DTMF code for the channel, then press the **Tuning** control to set it.
 - When a space is entered, it becomes a "Pause" code.

■ Transmitting Stored DTMF Codes

- 1 Press and hold the microphone [PTT].
- 2 While transmitting, press the **Tuning** control.
 - The last called DTMF Memory channel name and number appear on the display. If no name has been saved for the channel, the DTMF code appears.



- 3 While still transmitting, rotate the **Tuning** control to select your desired DTMF Memory channel, then press the **Tuning** control to set the channel.
 - Additionally, you can press a DTMF key corresponding to your desired channel ([0] ~ [9]) to select the channel and begin transmission.
 - The stored DTMF code scrolls across the display and is transmitted.
 - The code will be transmitted even if you release [PTT] before the entire code has scrolled across the display.
 - If no DTMF code is stored in the selected channel, the frequency display is restored.



■ Selecting a Transmit Speed

Some repeaters may not respond correctly if a DTMF code is transmitted at fast speed. If this happens, change the DTMF code transmission speed from FAST (default) to SLOW.

- 1 Enter Menu mode and access Menu 302.

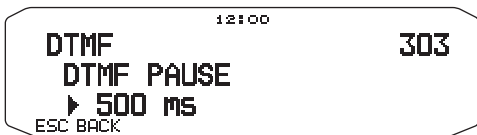


- 2 Set the speed to FAST or SLOW.

■ Selecting a Pause Duration

You can change the pause duration stored in DTMF Memory channels; the default is 500 msec.

- 1 Enter Menu mode and access Menu 303.

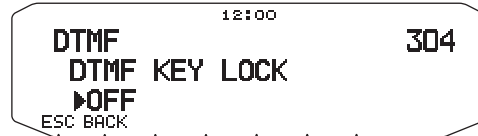


- 2 Select a speed (in msec) from the available list: 100/ 250/ 500/ 750/ 1000/ 1500/ 2000.

DTMF KEY LOCK

This function will lock the DTMF transmission keys so that they will not transmit if they are accidentally pressed. To lock the DTMF keys, turn this function ON.

- 1 Enter Menu mode and access Menu 304.



- 2 Set the key lock to ON or OFF.