

QT/ DQT SETTINGS

Quiet Talk (QT) and Digital Quiet Talk (DQT) are functions that reject undesired signals on your channel. You will hear a call only when you receive a signal that contains a matching QT tone or DQT code. If a call containing a different tone or code is received, squelch will not open and you will not hear the call. Likewise, when transmitting using QT or DQT, the receiving station must have a matching tone or code to hear your call.

Be aware that other parties can still hear your calls if they set up their transceiver with the same tone or code.

To change the QT/DQT settings of a channel:

- 1 With the transceiver power OFF, press and hold the **PTT** switch and **Side 1** key while turning the transceiver power ON.
 - Continue to hold the **PTT** switch and **Side 1** key until the LED lights orange and the transceiver announces “Self”.
- 2 Release the **PTT** switch and **Side 1** key.
 - The transceiver announces “Channel”.
 - Pressing the **Side 1** key or **Side 2** key will toggle between QT, DQT, and Channel setup.
- 3 Press the **Side 1** or **Side 2** key to select QT or DQT setup.
 - The transceiver announces “QT” or “DQT”, depending on your selection.
- 4 Press and release the **PTT** switch, then rotate the **Channel** selector to your desired channel.
 - Upon releasing the **PTT** switch, the transceiver announces “QT One” or “DQT One”, depending on your selection.
- 5 Press the **Side 1** or **Side 2** key to increment/ decrement the Tone number, to select the new tone or code.
 - Tone numbers and their corresponding tones/ codes are provided in the table on pages 17 and 18.
 - Press and hold the **Side 1** or **Side 2** key to increment/ decrement the QT or DQT number by 5 at a time.
 - A voice announcement will inform you of the currently selected QT or DQT number.

- 6 Press the **PTT** switch to save the setting.
 - A beep will sound.
 - Repeat steps 3 to 6 to set up another channel.
- 7 Turn the transceiver power OFF and then ON again to activate the new settings.

Note: The transceiver will automatically return to normal operation if no action is performed for 5 seconds.

QT Channel Settings:

QT Number	QT Frequency	QT Number	QT Frequency	QT Number	QT Frequency
1	67.0 Hz	15	110.9 Hz	29	179.9 Hz
2	71.9 Hz	16	114.8 Hz	30	186.2 Hz
3	74.4 Hz	17	118.8 Hz	31	192.8 Hz
4	77.0 Hz	18	123.0 Hz	32	203.5 Hz
5	79.7 Hz	19	127.3 Hz	33	210.7 Hz
6	82.5 Hz	20	131.8 Hz	34	218.1 Hz
7	85.4 Hz	21	136.5 Hz	35	225.7 Hz
8	88.5 Hz	22	141.3 Hz	36	233.6 Hz
9	91.5 Hz	23	146.2 Hz	37	241.8 Hz
10	94.8 Hz	24	151.4 Hz	38	250.3 Hz
11	97.4 Hz	25	156.7 Hz	39	69.3 Hz
12	100.0 Hz	26	162.2 Hz	off	OFF
13	103.5 Hz	27	167.9 Hz		
14	107.2 Hz	28	173.8 Hz		

DQT Channel Settings:

DQT Number	DQT Code	DQT Number	DQT Code	DQT Number	DQT Code
1	D023N	29	D174N	57	D445N
2	D025N	30	D205N	58	D464N
3	D026N	31	D223N	59	D465N
4	D031N	32	D226N	60	D466N
5	D032N	33	D243N	61	D503N
6	D043N	34	D244N	62	D506N
7	D047N	35	D245N	63	D516N
8	D051N	36	D251N	64	D532N
9	D054N	37	D261N	65	D546N
10	D065N	38	D263N	66	D565N
11	D071N	39	D265N	67	D606N
12	D072N	40	D271N	68	D612N
13	D073N	41	D306N	69	D624N
14	D074N	42	D311N	70	D627N
15	D114N	43	D315N	71	D631N
16	D115N	44	D331N	72	D632N
17	D116N	45	D343N	73	D654N
18	D125N	46	D346N	74	D662N
19	D131N	47	D351N	75	D664N
20	D132N	48	D364N	76	D703N
21	D134N	49	D365N	77	D712N
22	D143N	50	D371N	78	D723N
23	D152N	51	D411N	79	D731N
24	D155N	52	D412N	80	D732N
25	D156N	53	D413N	81	D734N
26	D162N	54	D423N	82	D743N
27	D165N	55	D431N	83	D754N
28	D172N	56	D432N	off	OFF