KENWOOD TM-V71 and TM-D710 Commands

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IMPORTANT: Use SPACE between the Command and the first Parameter, divide the Parameters with Comma.

CC	Sets or reads the CALL channel.										Parameters:
	1	2	3	4	5	6	7	8	9	10	P1
	C	C	P1	P2	P2	P2	P2	P2	P2	P2	0: A Band, 1: B Band
											P2
	11	12	13	14	15	16	17	18	19	20	Frequency in Hz (10 digit)
	P2	P2	P2	P3	P4	P5	P6	P7	P8	P9	P3
											Step, 0-A: See Step table.
Set	21	22	23	24	25	26	27	28	29	30	P4
	P9	P10	P10	P11	P11	P11	P12	P12	P12	P12	Shift direction, 0: No shift, 1: Plus, 2: Minus
											P5
	31	32	33	34	35	36	37	38	39	40	Reverse, 0: Off, 1: On
	P12	P12	P12	P12	P13	P14	P14	P14	P14	P14	P6
											Tone, 0: Off, 1: On
	41	42	43	44	45	46	47	48	49	50	P7
	P14	P14	P14	P14	P14	P15					CT, 0: Off, 1: On
											P8
Read	1	2	3	4	5	6	7	8	9	10	DSC, 0: Off, 1: On
	C	C	P1								P9
											Tone frequency, 1-42: See Tone and CT mapping table
	1	2	3	4	5	6	7	8	9	10	P10
	C	C	P1	P2	P2	P2	P2	P2	P2	P2	CT frequency, 1-42: See Tone and CT mapping table
											P11
	11	12	13	14	15	16	17	18	19	20	DSC, 0-103: See DSC mapping table
	P2	P2	P2	P3	P4	P5	P6	P7	P8	P9	P12
											Offset frequency in Hz (8 digit)
Answer	21	22	23	24	25	26	27	28	29	30	P13
	P9	P10	P10	P11	P11	P11	P12	P12	P12	P12	Mode, 0: FM, 1: NFM, 2: AM
											P14
	31	32	33	34	35	36	37	38	39	40	TX frequency**?** (10 digit)
	P12	P12	P12	P12	P13	P14	P14	P14	P14	P14	P15
											Unknown?
	41	42	43	44	45	46	47	48	49	50	
	P14	P14	P14	P14	P14	P15					

DL	Dual Band Mode/Single Band Mode										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	D	L	P1								0: Dual Band, 1: Single Band
											CTRL Band remains.
Read	1	2	3	4	5	6	7	8	9	10	
	D	L	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	D	L	P1								

ID	Radio Model.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
											Returns radio model TM-V71/TM-D710
Read	1	2	3	4	5	6	7	8	9	10	
	I	D									
Answer	1	2	3	4	5	6	7	8	9	10	
	I	D	P1	P1	P1	P1	P1	P1	(P1)		

AE	Radio serialnumber.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
											Returns radio serial number
											P2
Read	1	2	3	4	5	6	7	8	9	10	Unknown
	A	E									
Answer	1	2	3	4	5	6	7	8	9	10	
	A	E	P1	P1	P1	P1	P1	P1	P1	P1	
	11	12	13	14	15	16	17	18	19	20	
	P2	P2	P2								

FV	Firmware version.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
											0: Main unit, 1: Control panel
											P2
Read	1	2	3	4	5	6	7	8	9	10	Hardware version ?
	F	V	P1								P3
											Firmware version
Answer	1	2	3	4	5	6	7	8	9	10	P4
	F	V	P1	P2	P2	P2	P3	P3	P3	P4	Unknown
											P5
	11	12	13	14	15	16	17	18	19	20	Unknown
	P5										

TY	Radio Type.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
											Returns radio type M = EU K = US
											P2
Read	1	2	3	4	5	6	7	8	9	10	Jumper 0? 0: MARS/CAP TX expantion
	T	Y									P3
											Jumper 1? 0: Max TX expansion
	1	2	3	4	5	6	7	8	9	10	P4
Answer	T	Y	P1	P2	P3	P4	P5				Jumper 2? 1: Cross Band
	1	2	3	4	5	6	7	8	9	10	P5
	T	Y	P1	P2	P3	P4	P5	P5	P5		Jumper 4? 0: SkyCommand

DW	Emulates the Microphone Down Key.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	Only DW: 1 step down (frequency/memory)
	D	W	P1	P1							P1
											Number of steps down.
Read	1	2	3	4	5	6	7	8	9	10	
Answer	1	2	3	4	5	6	7	8	9	10	
	D	W	P1	P1							

UP	Emulates the Microphone Up Key.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	Only UP: 1 step up (frequency/memory)
	U	P	P1	P1							P1
											Number of steps up.
Read	1	2	3	4	5	6	7	8	9	10	
Answer	1	2	3	4	5	6	7	8	9	10	
	U	P	P1	P1							

LK	Sets or reads the key lock function status.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	L	K	P1								0: Off, 1: On
Read	1	2	3	4	5	6	7	8	9	10	
	L	K									
Answer	1	2	3	4	5	6	7	8	9	10	
	L	K	P1								

PC	Sets or reads the output power.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	P	C	P1	P2							0: A Band, 1: B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	0: High, 1: Mid, 2: Low
	P	C	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	P	C	P1	P2							

SQ	Sets or reads the squelch status.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	S	Q	P1	P2	P2						0: A Band, 1: B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	00 - 1F Squelch status
	S	Q	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	S	Q	P1	P2	P2						

BY	Reads the squelch status.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
											0: A Band, 1: B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	0: Closed, 1: Open
	B	Y	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	B	Y	P1	P2							

PV	Programmable VFO										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	P	V	P1	P2	P2	P2	P2	P3	P3	P3	VFO 0-9
											P2
	11	12	13	14	15	16	17	18	19	20	Lower frequency in MHz. (4 digit)
	P3										P3
											Upper frequency in MHz. (4 digit)
Read	1	2	3	4	5	6	7	8	9	10	
	P	V	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	P	V	P1	P2	P2	P2	P2	P3	P3	P3	
	11	12	13	14	15	16	17	18	19	20	
	P3										

MR	Reads the memory channel number.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	M	R	P1	P2	P2	P2					0: A Band, 1: B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	Memory channel number (3 digit)
	M	R	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	M	R	P1	P2	P2	P2					

MN	Sets or reads the memory name.										Parameters:
	1	2	3	4	5	6	7	8	9	10	P1
	M	N	P1	P1	P1	P2	P2	P2	P2	P2	Memory channel number (3 digit)
Set											P2
	11	12	13	14	15	16	17	18	19	20	Name (Must be in Upper Case.)
	P2	P2*	P2*								TM-V71 Up to 6 characters.
											* TM-D710 Up to 8 characters.
Read	1	2	3	4	5	6	7	8	9	10	
	M	N	P1	P1	P1						
	1	2	3	4	5	6	7	8	9	10	
	M	N	P1	P1	P1	P2	P2	P2	P2	P2	
Answer											
	11	12	13	14	15	16	17	18	19	20	
	P2	P2*	P2*								

MS	Sets the Power-On Message.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	M	S	P1	P1	P1	P1	P1	P1	P1*	P1*	Name (Must be in Upper Case.)
											TM-V71 Up to 6 characters.
Read	1	2	3	4	5	6	7	8	9	10	* TM-D710 Up to 8 characters.
	M	S									
Answer	1	2	3	4	5	6	7	8	9	10	

ME	Store the data to the Memory channel										Parameters:
	1	2	3	4	5	6	7	8	9	10	P1
	M	E	P1	P1	P1	P2	P2	P2	P2	P2	Memory channel number (3 digit)
											P2
	11	12	13	14	15	16	17	18	19	20	Frequency in Hz (10 digit)
	P2	P2	P2	P2	P2	P3	P4	P5	P6	P7	P3
											Step, 0-A: See Step table.
Set	21	22	23	24	25	26	27	28	29	30	P4
	P8	P9	P9	P10	P10	P11	P11	P11	P12	P12	Shift direction, 0: No shift, 1: Plus, 2: Minus
											P5
	31	32	33	34	35	36	37	38	39	40	Reverse, 0: Off, 1: On
	P12	P12	P12	P12	P12	P12	P13	P14	P14	P14	P6
											Tone, 0: Off, 1: On
	41	42	43	44	45	46	47	48	49	50	P7
	P14	P14	P14	P14	P14	P14	P14	P15	P16		CT, 0: Off, 1: On
											P8
Read	1	2	3	4	5	6	7	8	9	10	DSC, 0: Off, 1: On
	M	E	P1	P1	P1						P9
											Tone frequency, 1-42: See Tone and CT mapping table
	1	2	3	4	5	6	7	8	9	10	P10
	M	E	P1	P1	P1	P2	P2	P2	P2	P2	CT frequency, 1-42: See Tone and CT mapping table
											P11
	11	12	13	14	15	16	17	18	19	20	DSC, 0-103: See DSC mapping table
	P2	P2	P2	P2	P2	P3	P4	P5	P6	P7	P12
											Offset frequency in Hz (8 digit)
Answer	21	22	23	24	25	26	27	28	29	30	P13
	P8	P9	P9	P10	P10	P11	P11	P11	P12	P12	Mode, 0: FM, 1: NFM, 2: AM
											P14
	31	32	33	34	35	36	37	38	39	40	TX frequency**?** (10 digit)
	P12	P12	P12	P12	P12	P12	P13	P14	P14	P14	P15
											Unknown?
	41	42	43	44	45	46	47	48	49	50	P16
	P14	P14	P14	P14	P14	P14	P14	P15	P16		Memory Lockout

RX	Sets the radio in receive.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	
	R	X									
Read	1	2	3	4	5	6	7	8	9	10	
Answer	1	2	3	4	5	6	7	8	9	10	
	R	X									

TX	Sets the radio in transmit.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	T	X									0: TX on A Band, 1: TX on B Band
Read	1	2	3	4	5	6	7	8	9	10	
Answer	1	2	3	4	5	6	7	8	9	10	
	T	X	P1								

TT	Transmits a 1750 Hz tone.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	Use TT or RX to stop.
	T	T									
Read	1	2	3	4	5	6	7	8	9	10	
Answer	1	2	3	4	5	6	7	8	9	10	
	T	T									

AS	Sets or reads the Reverse status.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	A	S	P1	P2							0: A Band, 1: B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	0: Normal, 1: Reverse
	A	S	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	A	S	P1	P2							

SR	Reset										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	S	R	P1								0: VFO
											1: Part
Read	1	2	3	4	5	6	7	8	9	10	2: PM
											3: Full
Answer	1	2	3	4	5	6	7	8	9	10	

TC	Sets or reads the internal TNC mode (TM-D710).										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	T	C	P1								0: TNC OFF
											1: TNC ON
Read	1	2	3	4	5	6	7	8	9	10	
	T	C									
Answer	1	2	3	4	5	6	7	8	9	10	
	T	C	P1								

FO	Sets or reads the VFO channel.										Parameters:
	1	2	3	4	5	6	7	8	9	10	P1
	F	O	P1	P2	P2	P2	P2	P2	P2	P2	0: A Band, 1: B Band
											P2
Set	11	12	13	14	15	16	17	18	19	20	Freq. in Hz (10 digit). Must be within the selected band.
	P2	P2	P2	P3	P4	P5	P6	P7	P8	P9	P3
											Step, 0-A: See Step table.
	21	22	23	24	25	26	27	28	29	30	P4
	P9	P10	P10	P11	P11	P11	P12	P12	P12	P12	Shift direction, 0: No shift, 1: Plus, 2: Minus
											P5
	31	32	33	34	35	36	37	38	39	40	Reverse, 0: Off, 1: On
	P12	P12	P12	P12	P13						P6
											Tone, 0: Off, 1: On
Read	1	2	3	4	5	6	7	8	9	10	P7
	F	O	P1								CT, 0: Off, 1: On
											P8
	1	2	3	4	5	6	7	8	9	10	DSC, 0: Off, 1: On
	F	O	P1	P2	P2	P2	P2	P2	P2	P2	P9
											Tone frequency, 1-42: See Tone and CT mapping table
Answer	11	12	13	14	15	16	17	18	19	20	P10
	P2	P2	P2	P3	P4	P5	P6	P7	P8	P9	CT frequency, 1-42: See Tone and CT mapping table
											P11
	21	22	23	24	25	26	27	28	29	30	DSC, 0-103: See DSC mapping table
	P9	P10	P10	P11	P11	P11	P12	P12	P12	P12	P12
											Offset frequency in Hz (8 digit)
	31	32	33	34	35	36	37	38	39	40	P13
	P12	P12	P12	P12	P13						Mode, 0: FM, 1: NFM, 2: AM

BC	Sets or reads PTT and CTRL Band.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	B	C	P1	P2							0: CTRL A Band, 1: CTRL B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	0: PTT A Band, 1: PTT B Band
	B	C									
Answer	1	2	3	4	5	6	7	8	9	10	
	B	C	P1	P2							

VM	Sets or reads Memory/VFO Mode.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	V	M	P1	P2							0: A Band, 1: B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	0: VFO Mode, 1: MEMORY Mode
	V	M	P1								
Answer	1	2	3	4	5	6	7	8	9	10	
	V	M	P1	P2							

CD	Sets or reads Channel Status.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	C	D	P1	P2							0: Frequency Mode, 1: Channel Mode
Read	1	2	3	4	5	6	7	8	9	10	
	C	D									
Answer	1	2	3	4	5	6	7	8	9	10	
	C	D	P1								

0M PROGRAM	Sets the radio to read data from MCP-2A.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	
	0	M	P	R	O	G	R	A	M		
Read	1	2	3	4	5	6	7	8	9	10	
Answer	1	2	3	4	5	6	7	8	9	10	

BT	Unknown.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	B	T	P1								0: Unknown
											1: Unknown
Read	1	2	3	4	5	6	7	8	9	10	2: Unknown
	B	T									3: Unknown
Answer	1	2	3	4	5	6	7	8	9	10	
	B	T	P1								

DM	Sets or reads the DTMF Memory.										Parameters:
	1	2	3	4	5	6	7	8	9	10	P1
	D	M	P1	P2	P2	P2	P2	P2	P2	P2	DTMF Memory Channel 0 - 9.
Set											P2
	11	12	13	14	15	16	17	18	19	20	DTMF Code (16 digit)
	P2	P2	P2	P2	P2	P2	P2	P2	P2		For Codes with fever digits,
											replace the remaining digits with SPACE.
Read	1	2	3	4	5	6	7	8	9	10	
	D	M	P1								
	1	2	3	4	5	6	7	8	9	10	
	D	M	P1	P2	P2	P2	P2	P2	P2	P2	
Answer											
	11	12	13	14	15	16	17	18	19	20	
	P2	P2	P2	P2	P2	P2	P2	P2	P2		

SS	Sets or reads S-Meter Squelch.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	S	S	P1	P2							0: A Band, 1: B Band
											P2
Read	1	2	3	4	5	6	7	8	9	10	0: S-meter Squelch OFF
	S	S	P1								1: S-meter Squelch ON
											0-7: S-meter Squelch level
Answer	1	2	3	4	5	6	7	8	9	10	
	S	S	P1	P2							

DT	Unknown.										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	D	T	?	?	?						
											P2
Read	1	2	3	4	5	6	7	8	9	10	Seems to take at least 2 parameters.
	D	T	?	?	?						
Answer	1	2	3	4	5	6	7	8	9	10	
	D	T	?	?	?						

RT	Unknown. Works only on TM-D710??										Parameters:
Set	1	2	3	4	5	6	7	8	9	10	P1
	R	T	?	?	?						
Read	1	2	3	4	5	6	7	8	9	10	
	R	T	?	?	?						
Answer	1	2	3	4	5	6	7	8	9	10	
	R	T	?	?	?						

MU	Sets and reads the Menu										Parameters:
	1	2	3	4	5	6	7	8	9	10	P1
	M	U	P1	P2	P3	P4	P5	P6	P7	P8	Beep 0: OFF, 1: ON
											P2
	11	12	13	14	15	16	17	18	19	20	Beep Volume 1-7
	P9	P9	P10	P11	P12	P13	P14	P15	P16	P17	P3
											Ext. Speaker Mode
	21	22	23	24	25	26	27	28	29	30	P4
	P18	P19	P20	P21	P22	P23	P24	P25	P26	P27	Announce 0: OFF, 1: Auto, 2: Manual
Set											P5
	31	32	33	34	35	36	37	38	39	40	Language 0: English, 1: Japanese
	P28	P29	P29	P30	P30	P31	P31	P32	P32	P33	P6
											Voice Volume 0-7
	41	42	43	44	45	46	47	48	49	50	P7
	P33	P34	P34	P35	P36	P37	P38	P39	P40	P41	Voice Speed 0-4
											P8
	51	52	53	54	55	56	57	58	59	60	Playback repeat 0: OFF, 1: ON
	P42										P9
											Playback repeat interval 00-60
Read	1	2	3	4	5	6	7	8	9	10	P10
	M	U									Continuous Recording 0: OFF, 1: ON
											P11
	1	2	3	4	5	6	7	8	9	10	VHF AIP 0: OFF, 1: ON
	M	U	P1	P2	P3	P4	P5	P6	P7	P8	P12
											UHF AIP 0: OFF, 1: ON
	11	12	13	14	15	16	17	18	19	20	P13
	P9	P9	P10	P11	P12	P13	P14	P15	P16	P17	S-meter SQL hang up time. See MENU tables.
											P14
	21	22	23	24	25	26	27	28	29	30	Mute hang up time. See MENU tables.
	P18	P19	P20	P21	P22	P23	P24	P25	P26	P27	P15
Answer											Beat Shift 0: OFF, 1: ON
	31	32	33	34	35	36	37	38	39	40	P16
	P28	P29	P29	P30	P30	P31	P31	P32	P32	P33	Time-out timer. See MENU tables.
											P17
	41	42	43	44	45	46	47	48	49	50	Recall method 0: All, 1: Current
	P33	P34	P34	P35	P36	P37	P38	P39	P40	P41	P18
											EchoLink Speed 0: Fast, 1: Slow
	51	52	53	54	55	56	57	58	59	60	P19
	P42										DTMF hold 0: OFF, 1: ON
											P20
											DTMF Speed 0: Fast, 1: Slow
											P21
											DTMF Pause. See MENU tables.
											P22
											DTMF Key Lock 0: OFF, 1: ON
											P23
											Auto Repeater Offset 0: OFF, 1: ON
											P24
											1750 TX Hold 0: OFF, 1: ON
											P25
											Unkown
											P26
											Brightness level 0: OFF, 1: MAX
											P27
											Auto brightness 0: OFF, 1: ON
											P28
											Backlight Color 0: Amber, 1: Green
											P29
											PF 1 key. See MENU tables.
											P30
											PF 2 key. See MENU tables.
											P31
											Mic PF 1 key. See MENU tables.
											P32
											Mic PF 2 key. See MENU tables.
											P33
											Mic PF 3 key. See MENU tables.
											P34
											Mic PF 4 key. See MENU tables.
											P35
											Mic key lock 0: OFF, 1: ON
											P36
											SCAN resume 0: Time, 1: Carrier, 2: Seek
											P37
											APO. See MENU tables.
											P38
											Ext. Data Band. See MENU tables.
											P39
											Ext. DATA Speed 0: 1200, 1: 9600
											P40
											SQC Source. See MENU tables.
											P41
											Auto PM Store 0: OFF, 1: ON
											P42
											Display Partion Bar 0: OFF, 1: ON

Step size		
Code	Frequency (kHz)	
0	5	Does not work on 1200 MHz band.
1	6,25	Does not work on 1200 MHz band.
2	8,33	Only works on Air Band.
3	10	
4	12,5	
5	15	Does not work on 1200 MHz band.
6	20	
7	25	
8	30	
9	50	
A	100	

No.	Frequency (Hz)
1	67.0
2	69.3
3	71.9
4	74.4
5	77.0
6	79.7
7	82.5
8	85.4
9	88.5
10	91.5
11	94.8
12	97.4
13	100.0
14	103.5
15	107.2
16	110.9
17	114.8
18	118.8
19	123.0
20	127.3
21	131.8
22	136.5
23	141.3
24	146.2
25	151.4
26	156.7
27	162.2
28	167.9
29	173.8
30	179.9
31	186.2
32	192.8
33	203.5
34	206.5
35	210.7
36	218.1
37	225.7
38	229.1
39	233.6
40	241.8
41	250.3
42	254.1

No.	DCS Code
001	023
002	025
003	026
004	031
005	032
006	036
007	043
008	047
009	051
010	053
011	054
012	065
013	071
014	072
015	073
016	074
017	114
018	115
019	116
020	122
021	125
022	131
023	132
024	134
025	143
026	145
027	152
028	155
029	156
030	162
031	165
032	172
033	174
034	205
035	212
036	223
037	225
038	226
039	243
040	244
041	245
042	246
043	251
044	252
045	255
046	261
047	263
048	265
049	266
050	271
051	274
052	306

No.	DCS Code
053	311
054	315
055	325
056	331
057	332
058	343
059	346
060	351
061	356
062	364
063	365
064	371
065	411
066	412
067	413
068	423
069	431
070	432
071	445
072	446
073	452
074	454
075	455
076	462
077	464
078	465
079	466
080	503
081	506
082	516
083	523
084	565
085	532
086	546
087	565
088	606
089	612
090	624
091	627
092	631
093	632
094	654
095	662
096	664
097	703
098	712
099	723
100	731
101	732
102	734
103	743
104	754

Programmable Keys							
Code	Function	PF 1	PF 2	Mic PF 1	Mic PF 2	Mic PF 3	Mic PF 4
00	WX	X	X	X	X	X	X
01	Frequency Band	X	X	X	X	X	X
02	CTRL	X	X	X	X	X	X
03	Monitor	X	X	X	X	X	X
04	VGS	X	X	X	X	X	X
05	VOICE	X	X	X	X	X	X
06	Group Up	X	X	X	X	X	X
07	Menu	X	X	X	X	X	X
08	Mute	X	X	X	X	X	X
09	Shift	X	X	X	X	X	X
0A	Dual	X	X	X	X	X	X
0B	M>V	X	X	X	X	X	X
0C	VFO	-	-	X	X	X	X
0D	MR	-	-	X	X	X	X
0E	CALL	-	-	X	X	X	X
0F	MHz	-	-	X	X	X	X
10	Tone	-	-	X	X	X	X
11'	REV	-	-	X	X	X	X
12	LOW	-	-	X	X	X	X
13	LOCK	-	-	X	X	X	X
14	A/B	-	-	X	X	X	X
15	ENTER	-	-	X	X	X	X
16	1750 Hz	X	X	X	X	X	X

S-meter SQL hang up time	
Code	Function
0	OFF
1	125
2	250
3	500

Mute hang up time	
Code	Function
0	OFF
1	125
2	250
3	500
4	750
5	1000

Time-out timer	
Code	Function
0	3 min
1	5 min
2	10 min

DTMF Pause	
Code	Function
0	100
1	250
2	500
3	750
4	1000
5	1500
6	2000

APO	
Code	Function
0	OFF
1	30 min
2	60 min
3	90 min
4	120 min
5	180 min

DATA BAND	
Code	**Function**
0	Band A
1	Band B
2	TX A - RX B
3	TX B - RX A

SQC Source	
Code	Function
0	OFF
1	BUSY
2	SQL
3	TX
4	BUSY or TX
5	SQL or TX

Enter the commands in this way:

Command	Space	Parameter 1	Comma	Parameter 2	Comma	Parameter 3	Etc…….

Example:

To set the key lock:

Enter the following in Hyperterminal:
LK 1 Push ENTER

To check the key lock status:
LK Push ENTER

The radio will answer like this:
LK 1

To set the Power Output on Band B to Low:
PC 1,2 Push ENTER

To check the Power Output on Band B:
PC 1 Push ENTER

The radio will answer like this:
PC 1,2