

## 19 CONTROL COMMAND

### Remote control (CI-V) information (Continued)

#### ◇ Command table

Cmd.	Sub cmd.	Data	Description
00		p. 19-8	Send frequency data (transceive)
01		p. 19-8	Send mode data (transceive)
02		p. 19-8	Read band edge frequencies
03		p. 19-8	Read operating frequency
04		p. 19-8	Read operating mode
05		p. 19-8	Set operating frequency
06		p. 19-8	Operating mode selection for transceive
07			Select the VFO mode
	00		Select VFO A
	01		Select VFO B
	A0		Equalize VFO A and VFO B
	B0		Exchange VFO A and VFO B
08			Select the Memory mode
		0001 to 0109	Select the Memory channel *(0001=M-CH01, 0099=M-CH99)
		0100	Select program scan edge channel P1
		0101	Select program scan edge channel P2
09			Memory write
0A			Memory copy to VFO
0B			Memory clear
0E	00		Scan stop
	01		Programmed/memory scan start
	02		Programmed scan start
	03		F scan start
	12		Fine programmed scan start
	13		Fine $\Delta$ F scan start
	22		Memory scan start
	23		Select memory scan start
	A1		Select $\Delta$ F scan span $\pm 5$ kHz
	A2		Select $\Delta$ F scan span $\pm 10$ kHz
	A3		Select $\Delta$ F scan span $\pm 20$ kHz
	A4		Select $\Delta$ F scan span $\pm 50$ kHz
	A5		Select $\Delta$ F scan span $\pm 100$ kHz
	A6		Select $\Delta$ F scan span $\pm 500$ kHz
	A7		Select $\Delta$ F scan span $\pm 1$ MHz
	B0		Set as non-select channel
	B1		Set as select channel (The previously set number by CI-V is set after turning power ON, or "1" is selected if no selection is performed.)
		01 to 03	Set as select channel *(01=SEL1, 02=SEL2, 03=SEL3)
	B2	00 to 03	Set for select memory scan *(00=ALL, 01=SEL1, 02=SEL2, 03=SEL3)
	D0		Set Scan resume OFF
	D3		Set Scan resume ON
0F		00/01	Read Split setting (00=OFF, 01=ON)
	00		Turn the split function OFF
	01		Turn the split function ON
10*	00		Send/read the tuning step OFF
	01		Send/read the 100 Hz tuning step
	02		Send/read the 1 kHz tuning step
	03		Send/read the 5 kHz tuning step
	04		Send/read the 9 kHz tuning step
	05		Send/read the 10 kHz tuning step
	06		Send/read the 12.5 kHz tuning step
	07		Send/read the 20 kHz tuning step
	08		Send/read the 25 kHz tuning step
11*		00/20	Send/read Attenuator *(00=OFF, 20=20dB ON)
13	00		Speech all data with voice synthesizer
	01		Speech the operating frequency and S meter level by voice synthesizer
	02		Speech the operating mode by voice synthesizer
14*	01	0000 to 0255	Send/read the AF level *(0000=min. to 0255=max.)
	02	0000 to 0255	Send/read the RF gain level *(0000=min. to 0255=max.)
	03	0000 to 0255	Send/read the squelch level *(0000=min. to 0255=max.)

Cmd.	Sub cmd.	Data	Description
	06	0000 to 0255	Send/read the NR level *(0000=0% to 0255=100%)
	07	0000 to 0255	Send/read inner [TWIN PBT] position *(0000=max. CCW, 0128=center, 0255=max. CW)
	08	0000 to 0255	Send/read outer [TWIN PBT] position *(0000=max. CCW, 0128=center, 0255=max. CW)
	09	0000 to 0255	Send/read CW pitch *(0000=300 Hz, 0128=600 Hz, 0255=900 Hz; 5 Hz steps)
	0A	0000 to 0255	Send/read [RF PWR] position *(0000=max. CCW, 0255=max. CW)
	0B	0000 to 0255	Send/read [MIC] position *(0000=max. CCW, 0255=max. CW)
	0C	0000 to 0255	Send/read [KEY SPEED] level *(0000=6wpm, 0255=48wpm)
	0D	0000 to 0255	Send/read [NOTCH] position *(0000=max. CCW, 0128=center, 0255=max. CW)
	0E	0000 to 0255	Send/read the COMP level *(0000=0 to 0255=10)
	0F	0000 to 0255	Send/read the Break-IN Delay setting *(0000=2.0d to 0255=13.0d)
	12	0000 to 0255	Send/read NB level *(0000=0% to 0255=100%)
	15	0000 to 0255	Send/read the Monitor gain *(0000=0% to 0255=100%)
	16	0000 to 0255	Send/read the VOX gain *(0000=0% to 0255=100%)
	17	0000 to 0255	Send/read the Anti VOX gain *(0000=0% to 0255=100%)
	19	0000 to 0255	Send/read BRIGHT level *(0000=0%, 0255=100%)
15	01	00/01	Read noise or S-meter squelch status *(squelch close)
	02	0000 to 0255	Read S-meter level *(0000=S0, 0120=S9, 0241=S9+60dB)
	05	00/01	Read various squelch function's status *(squelch closed)
	11	0000 to 0255	Read PO meter level *(0000=0%, 0143=50%, 213=100%)
	12	0000 to 0255	Read SWR meter level *(0000=SWR1.0, 0048=SWR1.5, 0080=SWR2.0, 0120=SWR3.0)
	13	0000 to 0255	Read ALC meter level *(0000=Min. to 0120=Max.)
	14	0000 to 0255	Read COMP meter level *(0000=0 dB, 0130=15 dB, 0241=30 dB)
	15	0000 to 0255	Read Vd meter level *(0000=0 V, 0013=10 V, 0241=16 V)
	16	0000 to 0255	Read Id meter level *(0000=0, 0097=10, 0146=15, 0241=25)
16*	02	00 to 02	Preamp (00=OFF, 01=Preamp 1 ON, 02=Preamp 2 ON)
	12	00 to 03	AGC *(00=OFF, 01= FAST, 02= MID, 03=SLOW)
	22	00 to 01	Noise blanker *(00=OFF, 01=ON)
	40	00 to 01	Noise reduction *(00=OFF, 01=ON)
	41	00 to 01	Auto notch function *(00=OFF, 01=ON)
	42	00 to 01	Repeater tone *(00=OFF, 01=ON)
	43	00 to 01	Tone squelch *(00=OFF, 01=ON)
	44	00 to 01	Speech compressor *(00=OFF, 01=ON)
	45	00 to 01	Monitor function *(00=OFF, 01=ON)
	46	00 to 01	VOX function *(00=OFF, 01=ON)
	47	00 to 02	BK-IN function *(00=BK-IN OFF, 01=Semi BK-IN ON, 02=Full BK-IN ON)
	48	00 to 01	Manual notch function *(00=OFF, 01=ON)
	4F	00 to 01	Twin Peak Filter *(00=OFF, 01=ON) Can be turned ON only when Mark and Shift are set to 2125 Hz and 170 Hz, respectively.