

TRP 8000 REMOTE CONTROL

AMENDMENT TO COMMUNICATION PROTOCOL DESCRIPTION DOC. NO. 993 649 82 ISSUE 2A OF 2- MAY-86

READ CU 8000R STATUS

Command: 29)

Response: ASCII coded label string indicating the present status of the CU 8000R.

Translation:

Leading character - always : *

Heading - always : Y

D3	D2	D1	D0	DESIGNATION	STATUS INFORMATION ON:
				(BCD) x 10MHz	RECEIVER FREQUENCY
				(BCD) x 1MHz	
				(BCD) x 100kHz	
				(BCD) x 10kHz	
				(BCD) x 1kHz	
				(BCD) x 100Hz	TRANSMITTER FREQUENCY
				(BCD) x 10MHz	
				(BCD) x 1MHz	
				(BCD) x 100kHz	
				(BCD) x 10kHz	
				(BCD) x 1kHz	MODE
				(BCD) x 100Hz	
				MODULATION * see below	VOLUME 00 ... \$BA, must scale it to 0 ... 99
D7	D6	D5	D4	VOLPNT (MSN)	
D3	D2	D1	D0	VOLPNT (LSN)	TUNE RATE
0	0			TUNE RATE	
0	0	1)	2)	1)FLASH SPEAKER LED 2)SPEAKER	SPEAKER & SPEAKER LED
1)	2)	3)	4)	1)CURRENT LED 2) POWER LED	
				3)ANT OFF 4)TX ON/OFF	CURRENT & POWER LED
				DIMPNT	ANT OFF & TX ON/OFF
0				BANDWITH ** see below	DIMMER
0				AGC *** see below	BANDWITH
0	0			ATT ON 2)RF AMP ON	AGC
0	0	1)	2)	POWER **** see below	ATT ON & RF AMP ON
0				X) DON'T CARE 1)SQUELCH 2)DUPLEX	POWER
x)	x)	1)	2)		SQUELCH & DUPLEX

MODULATION (continued) SPLIT MODE TABLE		
CODE	RX M.	TX M.
7	?	?
8	AM	USB
9	LSB	USB
A	AM	R3E
B	LSB	R3E
C	USB	AM
D	LSB	AM
E	USB	LSB
F	AM	LSB

Delimiting character - always : >

Notes:

CODE	* MODULATION	** BANDWITH	*** AGC	**** POWER
0	J3E (USB)	INTERM.	ON-SLOW	FULL
1	R3E	WIDE	ON-FAST	MEDIUM
2	H3E	NARROW	OFF-SLOW	LOW
3	A1A	VNARROW	OFF-FAST	(NOT VALID)
4	MCW	DEFAULT		
5	TELEX			
6	LSB			
CONTINUED WITH SPLIT MODES SEE TABLE ABOVE				