

### 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		
D7	D6	D5	D4	VOLPNT (MSN)		VOLUME 00 ... \$BA, must scale it to 0 ... 99
D3	D2	D1	D0	VOLPNT (LSN)		
0	0			TUNE RATE	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 ANT OFF & TX ON/OFF	
0				DIMPNT	DIMMER	
0				BANDWITH ** see below	BANDWITH	
0	0			AGC *** see below	AGC	
0	0	1)	2)	1)ATT ON 2)RF AMP ON	ATT ON & RF AMP ON	
0				POWER **** see below	POWER	
x)	x)	1)	2)	X) DON'T CARE 1)SQUELCH 2)DUPLEX	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:

Example string: \*Y1234561234563861F1521000>

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				