

MODEL 97813 PARTS LIST

PART #	DESCRIPTION
D1-D6	DIODE IN4154/IN4148/IN4454/IN914
D7, D8	LED, RED 2N2222A
Q1, Q2, Q5	TRANSISTOR, NPN PN2907
Q4	TRANSISTOR, PNP 7805C
Q3	VOLTAGE REGULATOR 555CN
Z1, Z4, Z5	TIMER IC 4040
Z2	COUNTER IC 250 bit/500 bit
Z3	MEMORY ELEMENT
R13	RESISTOR, 1/4 watt 5% 100 Br/Bk/Br
R9, R12	RESISTOR, 1/4 watt 5% 1K Br/Bk/R
R17	RESISTOR, 1/4 watt 5% 2K R/Bk/R
R11	RESISTOR, 1/4 watt 5% 3.3K O/O/R
R16	RESISTOR, 1/4 watt 5% 4.7K Y/V/R
R3, R4, R8	RESISTOR, 1/4 watt 5% 6.2K Bu/R/R
R18, R21	RESISTOR, 1/4 watt 5% 10K Br/Bk/O
R6, R15	RESISTOR, 1/4 watt 5% 27K R/V/O
R19	RESISTOR, 1/4 watt 5% 47K Y/V/O
R5	RESISTOR, 1/4 watt 5% 62K Bu/R/O
R1, R14	RESISTOR, 1/4 watt 5% 100K Br/Bk/Y
R20	RESISTOR, 1/4 watt 5% 120K Br/R/Y
R22	RESISTOR, 1/4 watt 5% 200K R/Bk/Y
R2	RESISTOR, 1/4 watt 5% 750K V/Gn/Y
R10	RESISTOR, 1/4 watt 5% 6.8M Bu/Gy/Gn
R7	TRIMPOT 500 ohm
C2, C3, C5	CAP. ceramic disc .01uf
C8, C11	CAP. ceramic disc .01uf
C4	CAP. silver mica .01uf
C1	CAP. silver mica .047uf
C10, C6	CAP. ceramic disc .1uf
C9, C12, C13	CAP. tantalum 10uf
C7	CAP. tantalum 100uf
16ICS	IC SOCKET 16 pin
S1	SWITCH, miniature SPDT
S2	SWITCH, miniature push button
97813PC	PRINTED CIRCUIT BOARD

THE FOLLOWING PARTS HAVE BEEN CHANGED IN THIS UNIT TO CONVERT FROM A COMMERCIAL ID'er TO AN AMATEUR ID'er VERSION. C7-47uf, R10-4.7M, R2-1M. C7 & R10 CHANGES THE REPEAT TIME TO 5 MINUTES AND R2 CHANGES THE CODE SPEED TO 16 WPM.



