

PARTS LIST AR-313 * KEYBOARD INTERFACE

PART NUMBERS	QUANTITY	DESCRIPTION	VALUE AND RATINGS
C1 thru C61	61	Capacitor, Electrolytic	0.1 mfd, 25v
C62, 70, 73, 74, 85	5	" Disc	0.1mfd, 50v
C63, 65, 67, 68, 72		" "	
76, 77, 80, 82	9	" "	33 pf
C64	1	Capacitor-Mylar, Mica, or Poly.	0.47mfd, 100v, 10%
C69	1	Capacitor, Tantalum	2.2 mfd, 20v
C71	1	Capacitor, Ceramic	0.68 mfd
C75	1	Capacitor, Disc	0.004 mfd
C66, 78, 81	3	" "	0.001 mfd
C83, 84	2	" "	0.01 mfd
D1 thru 70 (D64 deleted)	69	Diode, Silicon	1N914, 1N4148 or equivalent
P1	1	Potentiometer, 1/4" Slotted Shaft	1k linear
P2	1	" "	10k linear
P3	1	Potentiometer, 1/4" shaft	100k log
P4	1	" "	10k linear
Q1	1	Transistor, PNP	2N3638
Q2	1	Field Effect Transistor n-channel	E212 (Siliconix)
Q3	1	Field Effect Transistor, dual n-channel	E411 (Siliconix)
Q4	1	Transistor, NPN, Darlington pair	MPS A-14
Q5	1	Transistor, NPN	2N3393 or TE-3393
C79	1	Capacitor, Tantalum	47 mfd, 20v
R1 thru 60	60	Resistor, Metal Film	10 ohm, 1% (part of kbrd assembly)
R61 thru 121	61	Resistor, Carbon	1 meg, 10%
R122, 123	2	Resistor, Carbon Film	2.2k, 5%
R 124	1	" " "	820 ohm, 5%
R125, 126, 127, 128, 132, 133	6	Resistor, Carbon	100k, 10%
R134, 145, 146	3	" "	100k, 10%
R129, 137, 144, 149, 187	5	" "	10k, 10%
R130, 136, 139, 141, 151, 156, 161	7	" "	1k, 10%
R131, 159, 160, 163	4	Resistor, Carbon Film	100k, 5%
R135, 168	2	Resistor, Carbon	4.7k, 10%
R138, 150, 165	3	" "	1.8k, 10%
R140, 152	2	" "	5.6k, 10%
R142, 143, 147	3	" "	330 ohm, 10%

PARTS LIST * AR-313 * (cont.)

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R148	1	Resistor, Carbon	100ohm, 10%
R153	1	Resistor, Carbon Film	22k, 5%
R154	1	" " "	82k, 5%
R155	1	" " "	27k, 5%
R157, 162	2	Resistor, Carbon	10 ohm, 10%
R158	1	" "	22 meg, 10%
R162	1	Resistor, Carbon	470 ohm, 10%
R166	1	" "	3.9k, 10%
S1, 2	2	Switch, Toggle	SPDT
U1, 2, 3, 5, 8, 9, 10, 11, 12	9	Operational Amplifier	LM301A
U4	1	Quad Dual Input Nor Gate	CD4001AE
U6, 7	2	Monostable Multivibrator	74122
	1	Front Panel	
	2	Knobs, 1/4" shaft	
	14	Jacks, Mini-Phone	
	2	Printed Circuit Board	
	4	4-40 Nut	
	4	4-40x5/16" Screw	
	4	1/8" Fiber Spacer	
	4	Flat Bracket	
	12	#4x1/2" Wood Screw	