

Music From Outer Space
SoundLab

CAPACITORS	QTY	X	X	Designators
100pF 5% Ceramic, NPO	2			C6, C7
330pF 5% Ceramic, Medium K	2			C17, C21
560pF 10% Ceramic, Medium K	2			C4, C5
1nF 50V Polyester	4			C1, C2, C8, C9
4n7 50V Polyester	1			C14
10nF 50V Polyester	1			C12
100nF 50V Polyester	3			C10, C11, C15,
100nF Decoupling Capacitor	2			C19, C20
1000nF 50V Polyester	1			C22*
2200nF 50V Polyester Greencap	1			C13*
2u2F 35V Tantalum	1			C3
100uF 25V Electrolytic	2			C16, C18

SEMICONDUCTORS	QTY	X	X	Designators
1N4148 Signal Diode	8			D1, D2, D3*, D4*, D5, D7, D9*, D10*
LF442 Dual Bi-FET Opamp	1			IC2
LF444 Quad Bi-FET Opamp	3			IC5, IC6, IC7
LM13700 Dual OTA	2			IC3, IC4
CD40106 - Hex Schmitt Trigger	1			IC1
MPF102 JFET	2			Q5, Q6
2N3904 NPN Transistor	6			Q1, Q2, Q3, Q4, Q7, Q8
9V1 1W Zener Diode	1			D8

HARDWARE	QTY	X	X	Designators
1x1 Pin Header	48			Board to Panel connections
8-pin IC Socket	1			IC2
14-pin IC Socket	4			IC1, IC5, IC6, IC7
16-pin IC Socket	2			IC3, IC4

Music From Outer Space
SoundLab

RESISTORS	QTY	X	X	Designators
475R 0.5W 1% Metal Film	2			1V/Octave modification
510R 0.5W 1% Metal Film	2			R6*, R94*
1K 0.5W 1% Metal Film	7			R22, R23*, R34, R35, R45, R88*, R98
4K7 0.5W 1% Metal Film	2			R41*, R81
10K 0.5W 1% Metal Film	7			R26, R32,* R64, R65, R102, R103, R199
20K 0.5W 1% Metal Film	8			R40, R42, R43, R46, R47, R70, R72, R80
33K 0.5W 1% Metal Film	1			R21
39K 0.5W 1% Metal Film	2			R50*, R52*
47K 0.5W 1% Metal Film	5			R49, R75, R76, R101, R104*
100K 0.5W 1% Metal Film	17			R1, R4, R12, R14, R24, R36, R54, R57, R62, R63, R68, R69, R73, R74, R79, R86, R93
150K 0.5W 1% Metal Film	4			R17, R30, R33, R39
200K 0.5W 1% Metal Film	4			R28, R31, R84*, R89
220K 0.5W 1% Metal Film	4			R77, R78, R82, R83
470K 0.5W 1% Metal Film	4			R16, R18, R20, R71
620K 0.5W 1% Metal Film	1			R25
1M 0.5W 1% Metal Film	13			R2, R8, R9, R56, R59, R66, R67, R87, R91, R95, R96, R97, R99
2M0 0.5W 1% Metal Film	2			R5, R13
3M0 0.5W 1% Metal Film	1			R7
4M7 0.5W 1% Metal Film	2			R3, R100
PT146 2K TEMPCO 3500ppm	2			R60, R61
100R 25-Turn Trimpot	2			1V/Octave modification
PP3 Battery Clip	2			B1, B2 (Not in Enclosure Kit)
Optional PCB	QTY	X	X	Designators
Ray Wilson SoundLab PCB Rev002	1			

Music From Outer Space
SoundLab

PANEL HARDWARE KIT	QTY	X	X	Designators
SPDT Toggle Switch (ON-OFF-ON)	1			S16
SPDT Toggle Switch (ON-ON)	16			S2, S3, S4, S5, S6, S7, S8, S9, S10, S11, S12, S13, S14, S15, S17, S18
DPDT Pushbutton Switch (ON-MOM)	1			S1
DPDT Toggle Switch (ON-ON)	1			S19
6.35mm Mono Switched Socket	4			J1, OSC-1 CV, OSC-2 CV, GATE INPUT
100K LIN(B) (16mm Alpha, 1/4" D shaft)	12			R15, R19, R27, R29, R37, R38, R44, R48, R55, R58, R85, R92
100K LOG(A) (16mm Alpha, 1/4" D shaft)	1			R90
1M LOG(A) (16mm Alpha, 1/4" D shaft)	2			R10, R11
27mm MOTM/Moog Style Knob	15			R10, R11, R15, R19, R27, R29, R37, R38, R44, R48, R55, R58, R85, R90, R92 (Not in Enclosure Kit)

CONSOLE ENCLOSURE KIT	QTY	X	X	
SoundLab Console Front & Rear Panel	1			
PT-10 Desktop Console	1			
2 x PP3 Battery Drawer Bulgin BX0026	1			
20mm Equipment Style Knob	15			R10, R11, R15, R19, R27, R29, R37, R38, R44, R48, R55, R58, R85, R90, R92
M3 SS Nut	4			
M3x20mm SS CS Bolt	4			
M3 x 8mm Untapped Nylon Spacer	4			
Equipment Wire - Black (Unit=cm)	70			
Equipment Wire - Red (Unit=cm)	70			
Equipment Wire - Orange (Unit=cm)	35			
Equipment Wire - Green (Unit=cm)	100			
Equipment Wire - Blue (Unit=cm)	35			
Equipment Wire - Violet (Unit=cm)	35			
Equipment Wire - Pink (Unit=cm)	50			
Equipment Wire - White (Unit=cm)	2200			