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Technical Document Distribution

Brand:	Mu-Tron
Model	C-100 Control
Product:	Pedal
Description:	Schematic

Musicparts Document Number: 52598 TechTips: No Pages: 3 Dated: 1975-78

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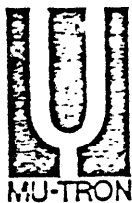
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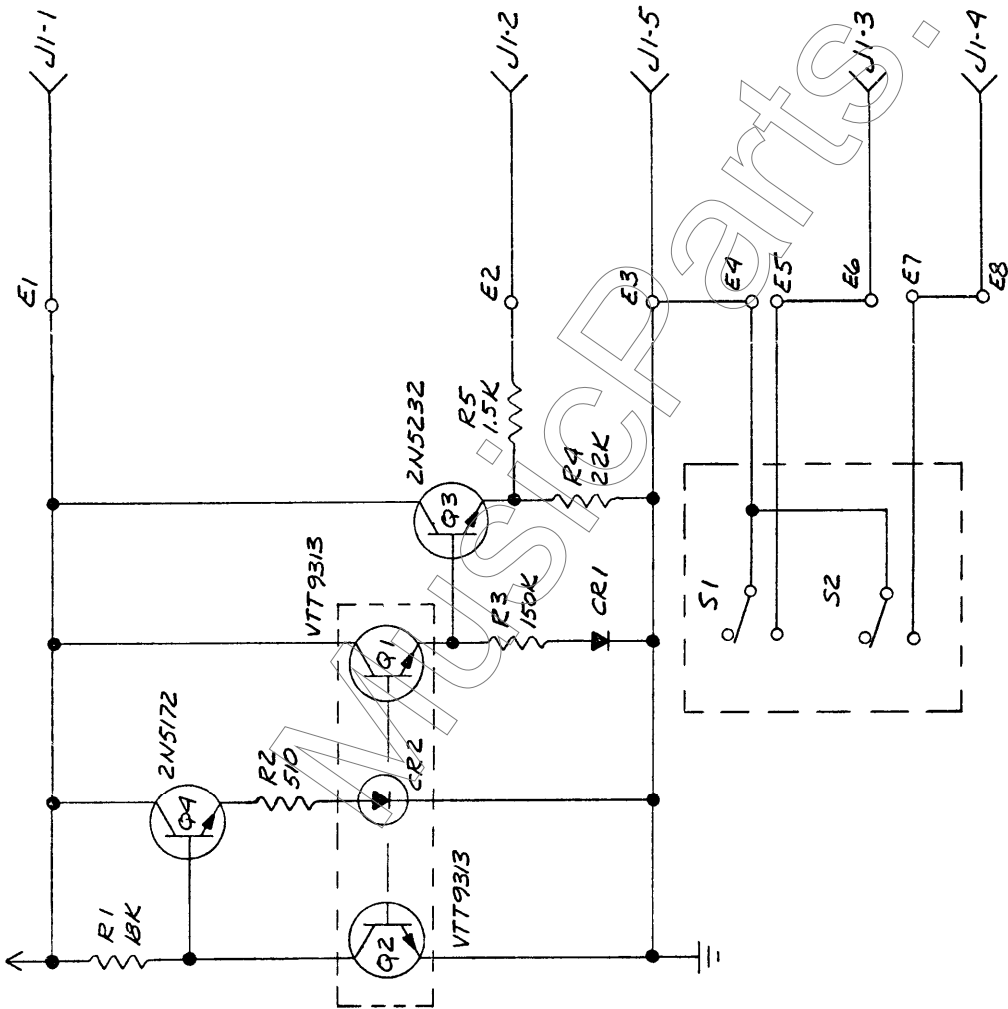
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45 Hartwell Avenue
Lexington, Massachusetts, 02173
Telephone: 617/861-6000

Musitronics C-100

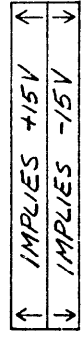
(No references given)

ARP PART NUMBER	ARP/MFG PART NUMBER	DESCRIPTION
1903701	112-P	Footswitch SPDT
1200101	1N34A	Diode, Germanium
1305901	VTT9313	Photo Transistor
1301701	2N5172	Transistor, NPN
1301801	2N5232	Transistor, NPN
1202301	521-9200	LED, red
1300801	H-1	Lens, High Convex

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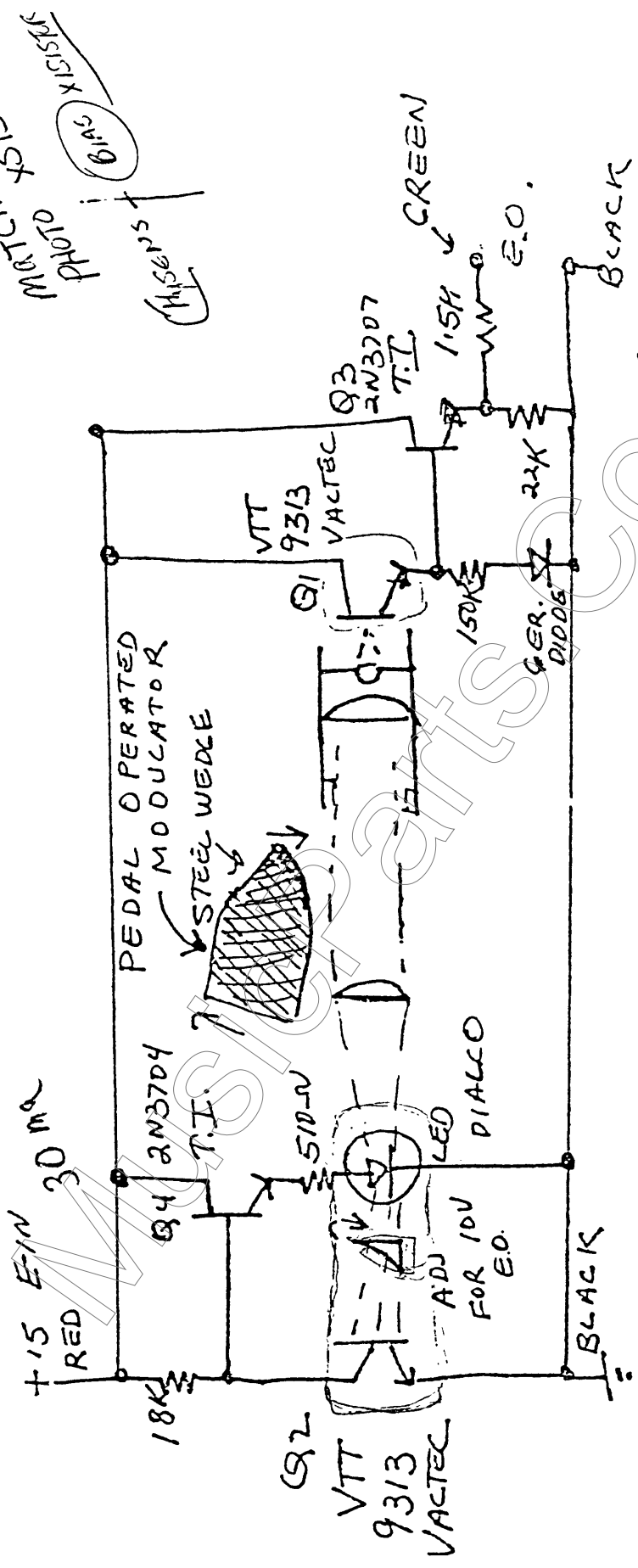
NOTES:
 1. UNLESS OTHERWISE SPECIFIED:
 ALL RESISTOR VALUES ARE IN OHMS 1/4W, 5%
 ALL CAPACITOR VALUES ARE MFD (P-PICAFARADS)
 ALL DIODES ARE 1N34A.
 2. HIGHEST REF. DES. USED ARE R5, Q4, CR2, E8
 3. CONVENTION USED FOR SUPPLY VOLTAGE CONNECTIONS:



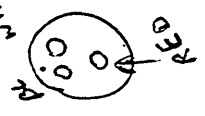
ARP PART NO	ARP INSTRUMENTS INC	
USED ON	SCHEMATIC	
MATERIAL	R-80	
FINISH	C-100	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ANGLES ± 1°	SYN	SIZE
DO NOT SCALE DRAWING	SWD	DRAWING NO
REMOVE BURRS & SHARP EDGES	C	77207
DRAWN DLU	SCALE	SHEET 1 OF 1
CHECKED		
APPROVED		

OPTI - POT.

SINCE THIS CIRCUIT FUNCTIONS AS A POTENTIOMETER, E_{OUT} IS ALWAYS A FUNCTION OF E_{IN}.



* NOTE ALLOW AT LEAST 20MIN TO RESTABILIZE BEFORE CALIBRATION IF THERMAL SHOCK IS GIVEN ONE SIDE.



TEMP. EFFECT. ± 0.00022V/°C IF ENTIRE STRUCTURE IS KEPT AT SAME TEMPERATURE. ANY CHANGE IN AMBIENT BETWEEN PROJECTOR + RECEIVER IS AMPLIFIED.

Oct-4/75

Stanley Lewis