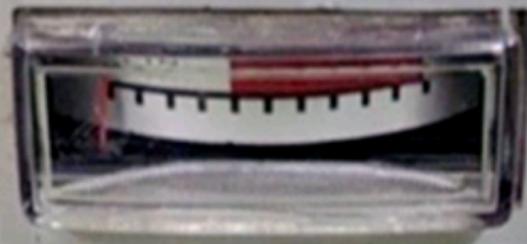


**k** knight

COMPRESSOR

COMP  
LEVEL

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LEVEL

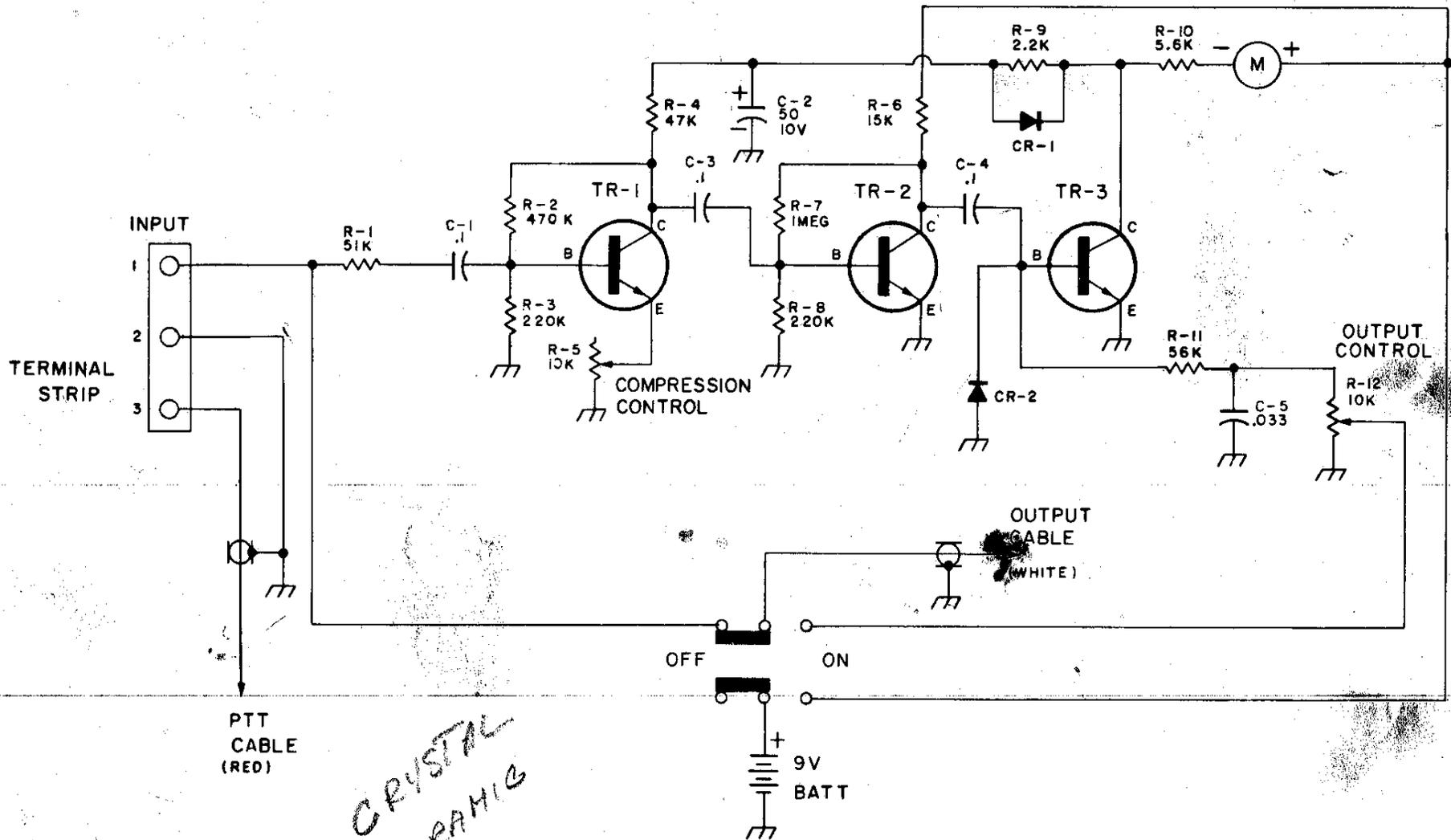


MODEL C-577

COMPRESSOR  
OUT IN



# COMPRESSOR KNIGHT C-577



**SCHEMATIC DIAGRAM.**

## PARTS LIST

### CAPACITORS

Symbol	Description	Part No.
Capacitors supplied may have a higher voltage rating than specified.		
C-1	.1 $\mu$ f, 50 volt, disc	272-014
C-2	50 $\mu$ f, 10 volt, electrolytic	225-459
C-3	.1 $\mu$ f, 50 volt, disc	272-014
C-4	.1 $\mu$ f, 50 volt, disc	272-014
C-5	3300 $\mu$ pf (may be marked .0033), 500 volt, disc	276-337

### DIODES

CR-1	Germanium: equivalent type 1N34A	630-007
CR-2	Germanium: equivalent type 1N34A	630-007

### METER

1 ma movement	659-273
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### RESISTORS

Resistance in ohms. All resistors are 1/2-watt, 10% carbon, unless otherwise specified.

R-1	51K, 5%	302-513
R-2	470K	301-474
R-3	220K	301-224
R-4	47K	301-473
R-5	10 K control: COMP LEVEL	392-164
R-6	15K	301-153
R-7	1 meg	301-105
R-8	220K	301-224
R-9	2.2K	301-222
R-10	5.6K	301-562
R-11	56K	301-563
R-12	10K control: OUTPUT LEVEL	392-230

### SWITCH

DPDT, slide	431-603
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### TRANSISTORS

TR-1	Silicon epoxy NPN: equivalent type 2N2926	660-117
TR-2	Silicon epoxy NPN: equivalent type 2N2926	660-117
TR-3	Silicon epoxy NPN: equivalent type 2N2926	660-117

### MISCELLANEOUS

Description	Quantity	Part No.
Battery clip	1	534-007
Battery connector	1	509-063
Bushing for mic cable	1	880-013
Bushing for output cable	1	880-031
Case	1	702-110
Chassis	1	463-609
Foot, rubber	4	831-002
Knob	2	765-074
Panel, front	1	463-608
Printed circuit board	1	820-205
Socket, transistor	3	501-631
Terminal strip	1	440-301

### HARDWARE

Clip for meter	2	534-096
Clip nut	2	531-014
Lockwashers:		
No. 4	5	582-200
No. 6	1	582-300
3/8"	2	582-701
Nuts:		
4-40	9	570-220
6-32	3	570-340
3/8"-32	4	570-840
Screws:		
4-40 x 3/16"	1	560-221
4-40 x 1/4"	4	560-222
4-40 x 3/8"	4	560-224
6-32 x 5/16"	5	560-343
Spacer	4	485-054
Washer, flat metal, 3/8"	2	580-702

### WIRE, SOLDER AND TUBING

Bare wire, 4"	1	800-600
Cable, dual shielded, 24"	1	809-200
Insulated hookup wire:		
2" red	3	807-022
3" orange	4	807-023
4" yellow	1	807-024
Solder, 5'	1	930-004
Tubing, 1 1/2"	1	812-003
Accessory battery, 9-volt		450-253