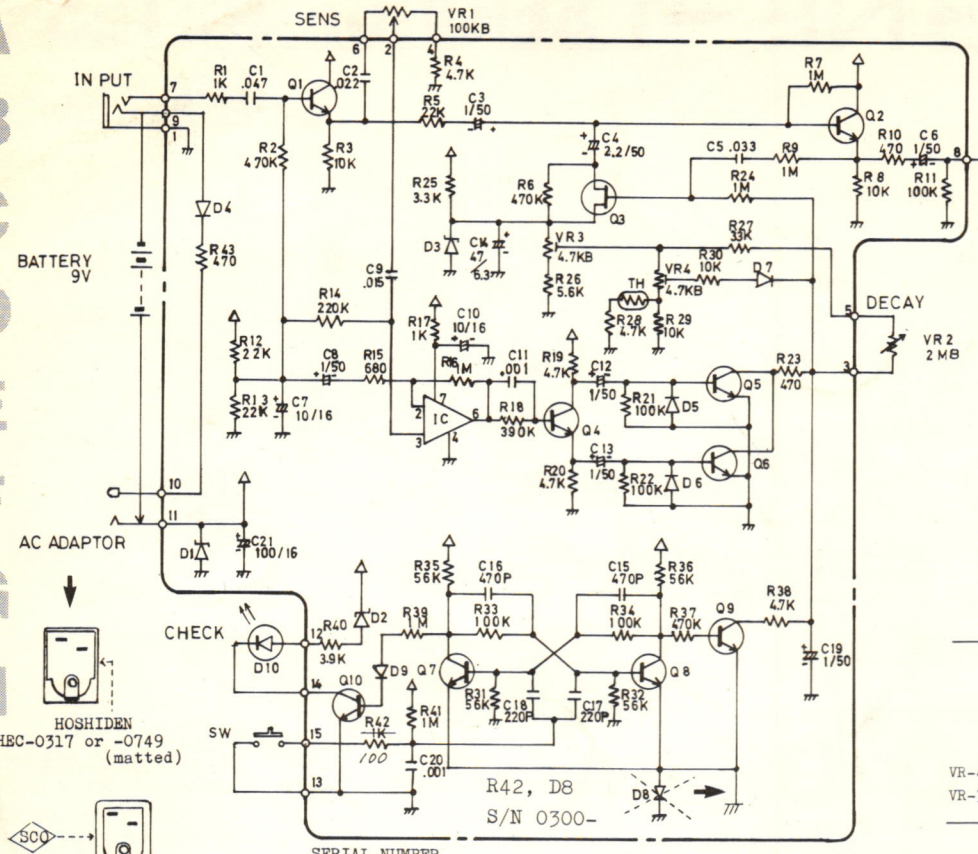
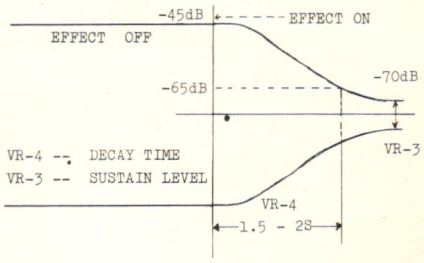


SERIAL NUMBER
Earlier products -- 4 digits, stamped on case top
Later products -- 6 digits, labeled on battery housing
First two digits goes back to 00 after 99.

IC	μPC741C
D1	RD11EB 3
D2	RD5.1EB 3
D3	RD4.7EB 2
D4 ~ D9	1S2473
D10	SLP135B
Q1 Q2	2SC732TM GR
Q3	2SK30ATM Y
Q4 Q10	2SC945P
TH	SDT1000

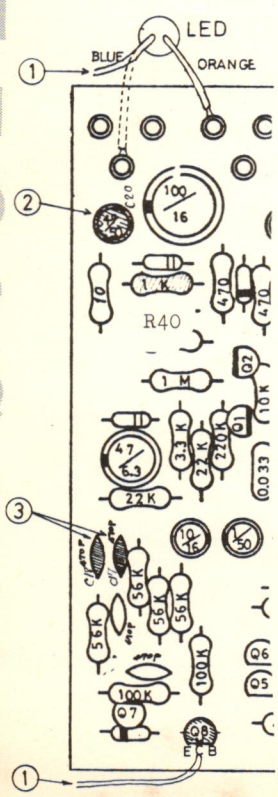
ADJUSTMENT

Set Knobs: SENS - full counterclockwise.
DECAY - full clockwise.
Connect an oscilloscope to OUTPUT through a millivoltmeter.
Feed a signal, 1kHz sine -45dBm, to INPUT.
Adjust VR-3 and VR-4 for the values shown below.



On later products HEC-0317-1-1 is employed as AC adaptor jack for positive connection. The change involves redesigning of mounting hole in cases because of size difference between two jacks. HEC-0003 only can enter the holes in new and old cases.

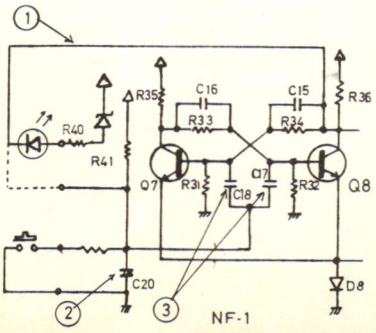
ET-45C (151-045C)



LED connecting to ET-45C does not light continuously in effect mode since circuit is so arranged. The following for the modification for keeping LED lit.

1. Shift LED blue wire to Q8 C.
2. Replace C20 (1/50 or 0.47/50) with 0.01 mylar.
3. Replace C17 and C18 (470pF) with 220pF for stable flip-flop at lower DC supply(6-7V).

For long battery life, low-power-consumption LED SLP-135B is incorporated with later PCB. When changing LEDs, also change R40 1k to 3.9k ohms.



ET5208-510A(ET-45E)
(P/N 7520851000)
(Etch mask 2291032905 or 052-459E)
Serial Number with 9100-

