8.2 PC Board Component Layout With Resistance Measurements

Z-PC-D4 Parts List

C1  CETM-50/25
C2  CET-25/25
C3  CC-47 NPO
C5, C4  CETM-250/3
C6  CET-50/75
C7  CC-120
C8  CC-470
C9  CC-22NPO
R1  RC21-2.7K
R7, R2  RC21-15K
R3  RC21-18K
R4, R16, R12  RC21-3.3K
R5  RC21-39K
R6  RCV-10K-PC
R13, R8  RC21-270
R9  RC21-220
R10, R15  RC21-47
R11  RCV-1K-PC
R14  RC21-1.5K
R17  RC21-1K
R19, R18  RC21-390
D1  SR1-5

Rear Chassis

Matched Pair
2N3055 or 2N3235

Output
N-260-1L

Resistance Measurements

Note
1. All measurements made with Triplett Model 630 VOM on RX1000 scale.
2. Negative side of VOM battery to ground.
3. Pilot light bulb removed for resistance measurements only.

Pre-amp Ckt. Board
Input Selector – “Phono”
Phono Sensitivity – “C”

Tone Control Ckt. Board
Loudness  Min.
Input Selector  “Extra”
Stereo  “Stereo”
Balance  “0”
Tone Controls  “0” Flat
Rumble Filter  “Out”
Scratch  “Out”
Tape Monitor  “Out”

Driver Ckt. Board
R6 Balance  Max CW
R11 Bias  Max CCW
Speaker Impedance  8-16 ohms
Section 8 – Technical Service Instructions

VOLTAGE RANGE: 47V to 6V1C
PHONO SENSITIVITY: 3C POSITION

LEFT CHANNEL

RIGHT CHANNEL

NOTE - HAM WITH RESPECT TO HIGH LEVEL

POWER SUPPLY

NOTICE: THE FOLLOWING CONTROLS IN LEFT CHANNEL ARE MECHANICALLY MATCHED WITH IDENTICAL CONTROLS IN THE RIGHT CHANNEL.

1. INPT 6. COMPARATOR
2. SELECTOR 7. TARE
3. SCRATCH FILTER 8. LOUDBNESS
4. RUBBLE FILTER 9. SPEAKERS
5. PHONO SENSITIVITY 10. TEST MKT

UNLESS OTHERWISE SPECIFIED:
1. RESISTORS IN OHMS 1/2 WATT
2. CAPACITORS IN MF
3. TRANSISTORS: 2N5407A/7000A 1N4149
4. SELECTED /1833
5. ARROWS ON POTS INDICATE DIRECTION