



- NOTES:**
1. ALL RESISTANCE VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
  2. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE SPECIFIED.
  3. RESISTORS INDICATED BY \* ARE FACTORY SELECTED.
  4. ALL CAPACITANCE VALUES EXPRESSED AS WHOLE NUMBERS ARE IN MICROMICROFARADS AND THOSE VALUES EXPRESSED AS DECIMAL NUMBERS ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
  5. CHERRY BRONZE ARE INDICATED BY THE SYMBOL: (C)
  6. VOLTAGE MEASUREMENT CONDITIONS: 15.8VDC - POWER ON - NO SIGNAL INPUT - CHANNEL SWITCH IN CHANNEL 3 POSITION - NO SQUELCH - CCM - RA - OFF - ALL OFF - AUDIO GAIN ON - CCM - READINGS TAKEN WITH HEWLETT-PACKARD 410C VTVM.
  7. Q4 AND Q5 ARE MATCHED TRANSISTORS. VOLTAGE READINGS INDICATED BY ♡ DEPEND UPON TRANSISTOR BETA GROUPING.
  8. ALL TRANSISTOR VOLTAGES ARE MEASURED WITH RESPECT TO THE TRANSMITTER GROUND AND ARE POSITIVE UNLESS OTHERWISE INDICATED.
  9. TRANSISTOR VOLTAGE READINGS MAY VARY ±10% FROM THOSE SHOWN EXCEPT WHEN INDICATED BY ♡ WHICH MAY VARY ±20%.
  10. VOLTAGE READINGS FOR Q17 TO Q20 ARE TAKEN IN TRANSMIT MODE.
  11. VOLTAGE READINGS INDICATED BY (C) (IC) COLLECTOR) MAY VARY FROM ±2 TO ±10% DEPENDING UPON SETTINGS OF RST.
  12. SERIAL LEVEL MEASUREMENT CONDITIONS FOR 1 WATT AUDIO OUTPUT: AUDIO GAIN - CCM - NOISE LIMITER OFF - AUDIO OUTPUT MEASURED AT EXTERNAL SPEAKER JACK WITH 4 OHM AUDIO WATT METER - SIGNAL SOURCE IS HEWLETT-PACKARD 80 OHM SIGNAL GENERATOR WITH 0.05 MFD DISC CAPACITOR PROVIDING D.C. OUTPUT ISOLATION MODULATED AT 1K, 50%.
  13. DRAWING AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.