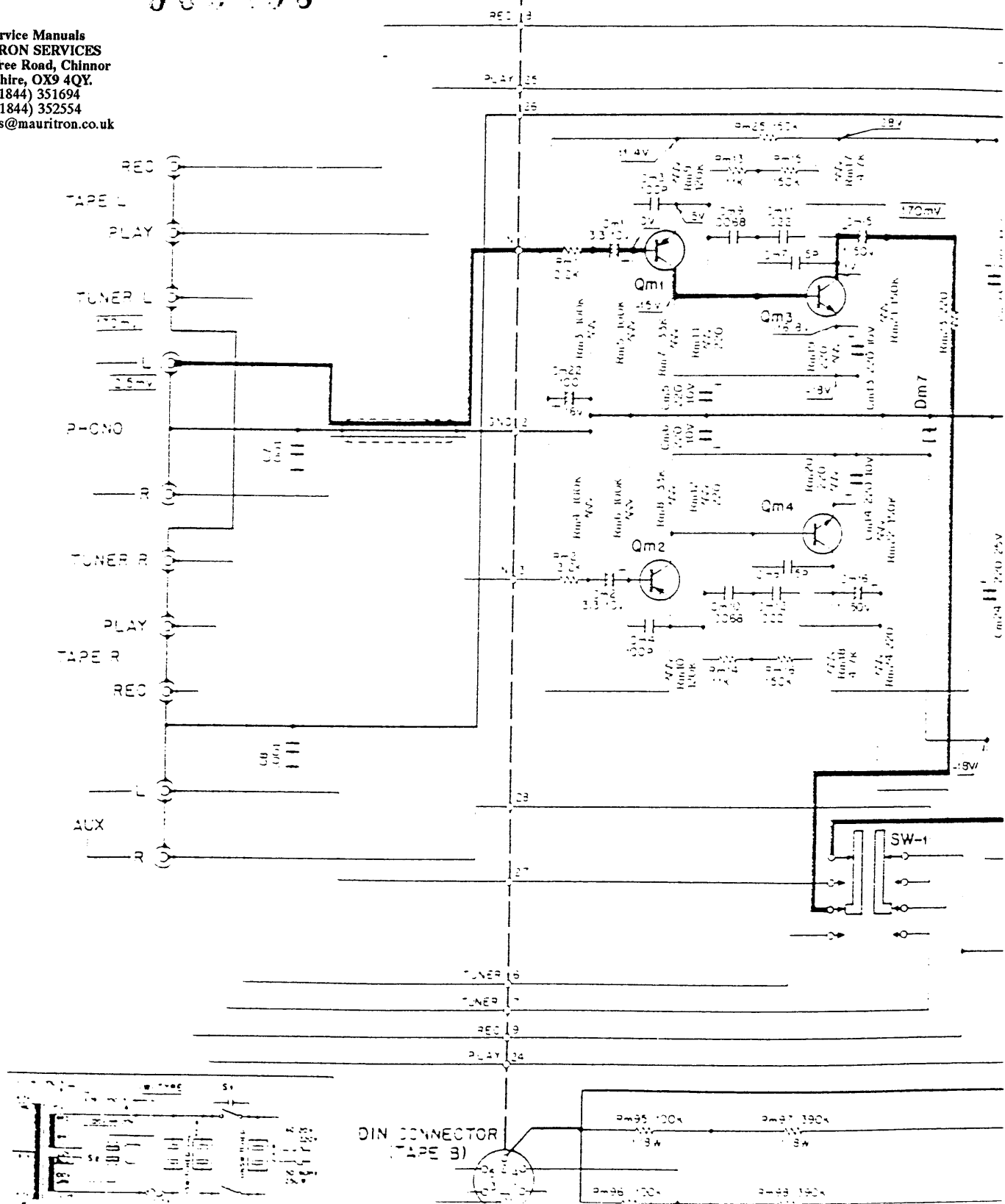


000456

AUDIO (X09-1200-21)

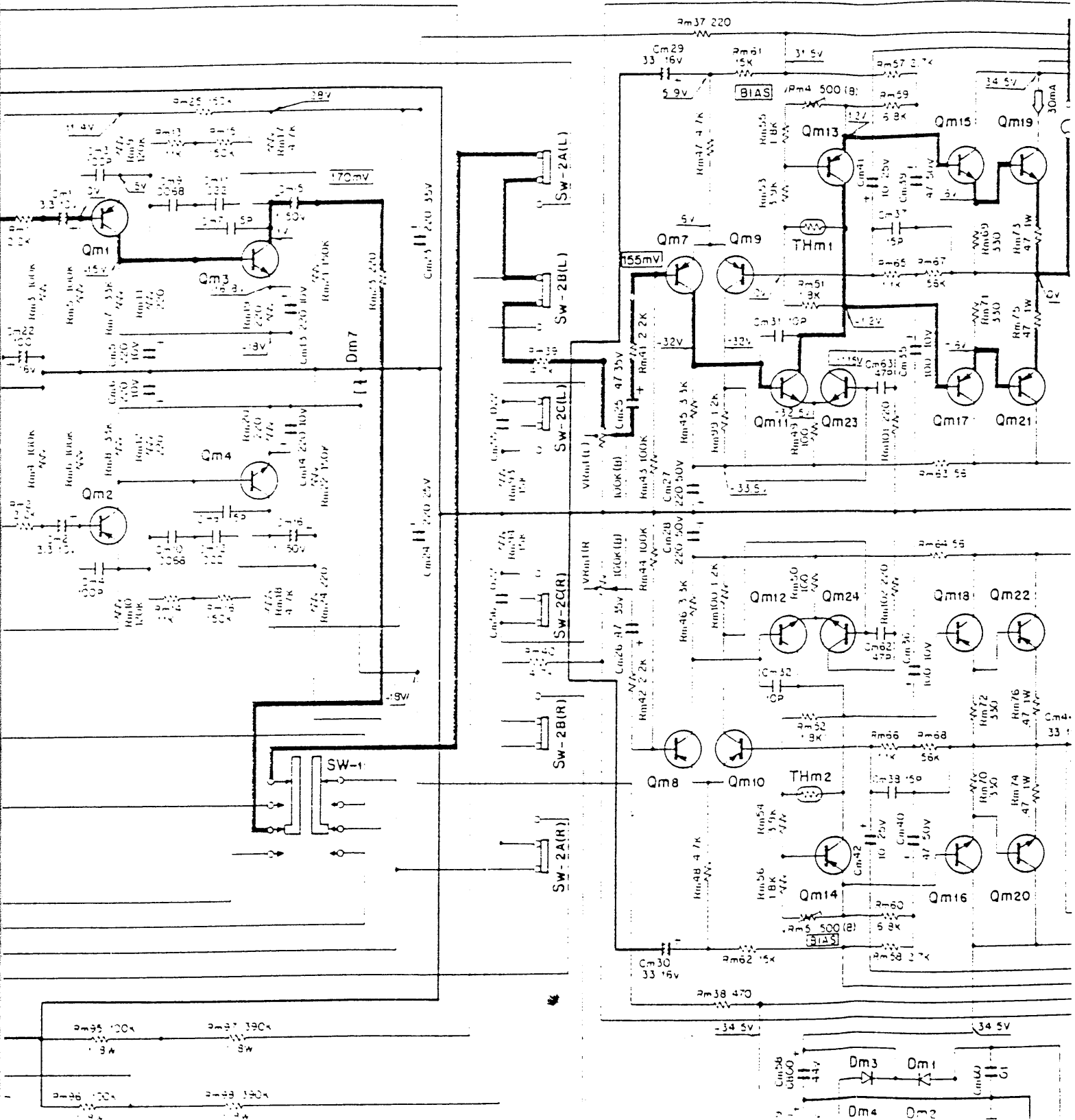
For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- sales@mauritron.co.uk



DIN CONNECTOR
(TAPE B)

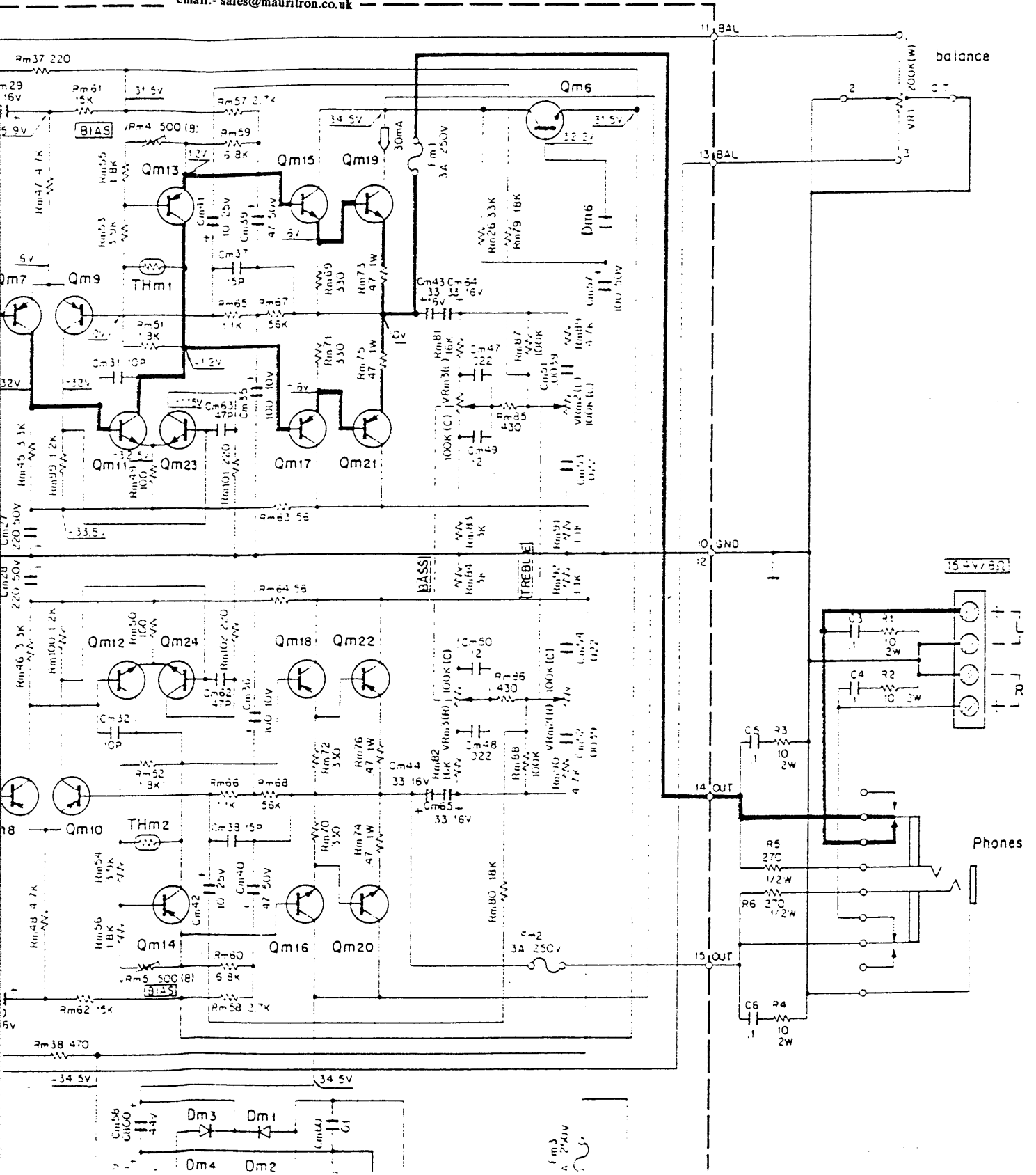
STEREO INTEGRATE

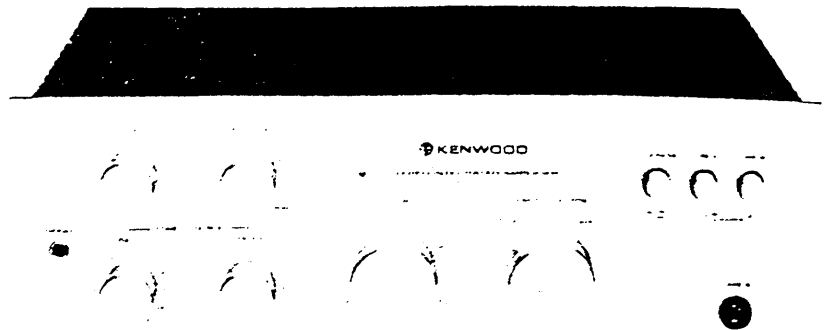
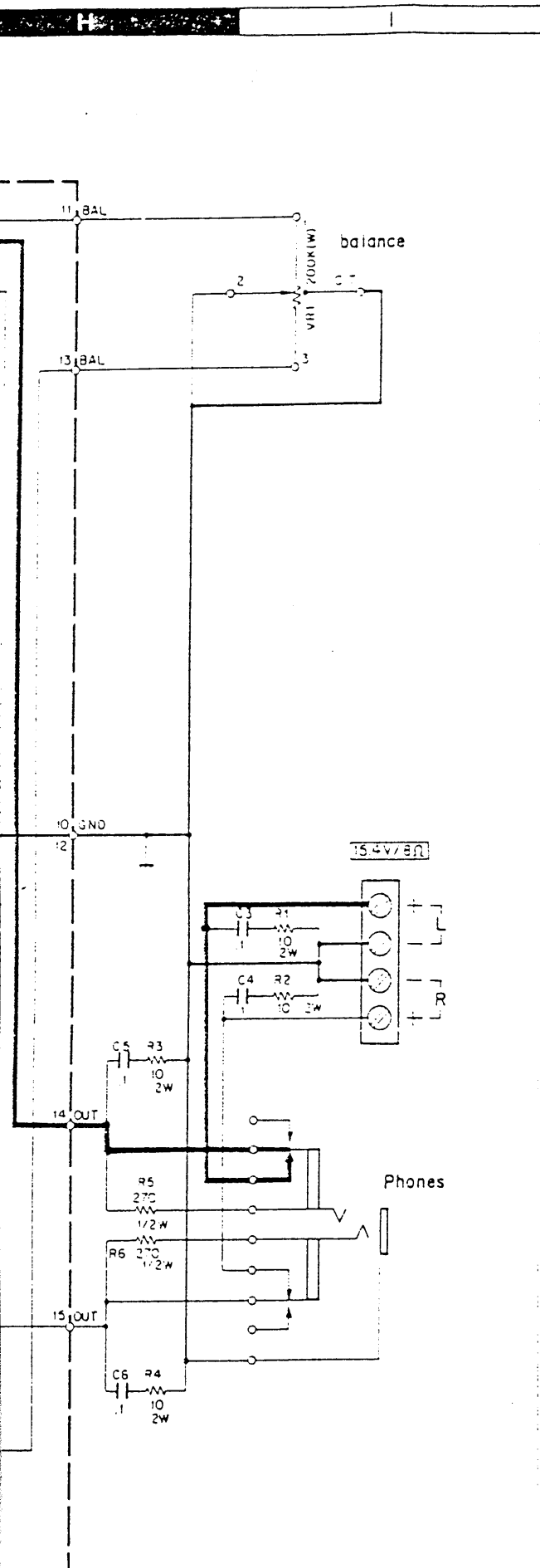
UDIO
09-1200-21)



STEREO INTEGRATED AMPLIFIER

For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- sales@mauritron.co.uk





SPECIFICATIONS

POWER AMPLIFIER SECTION

- Power Output:** 30 watts per channel into 8 ohms
 RMS at 8 ohms from 20 Hz to 20,000 Hz with
 harmonic distortion 0.1% into matched load
 25 watts per channel into 16 ohms
 RMS at 16 ohms from 20 Hz to 20,000 Hz with
 harmonic distortion 0.1% into matched load
- Both channel driven:**
 35 — 35 watts 8 ohms at 1,000 Hz
 33 — 33 watts 8 ohms at 1,000 Hz
 38 — 38 watts 4 ohms at 1,000 Hz
 36 — 36 watts 4 ohms at 1,000 Hz
- Dynamic Power Output:**
 100 watts 4 ohms D.M.P. 100 watts
- Total Harmonic Distortion:** 0.1% at rated power into 8 ohms
 0.05% at 1 watt into 8 ohms
- Intermodulation Distortion:** 0.1% at rated power into 8 ohms
 0.05% at 1 watt into 8 ohms
 (60 Hz : 7 kHz = 4 : 1)
- Power Bandwidth:** 20 Hz to 36,000 Hz
- Damping Factor:** 30 at 8 ohms
- Speaker Impedance:** 4 ohms to 16 ohms

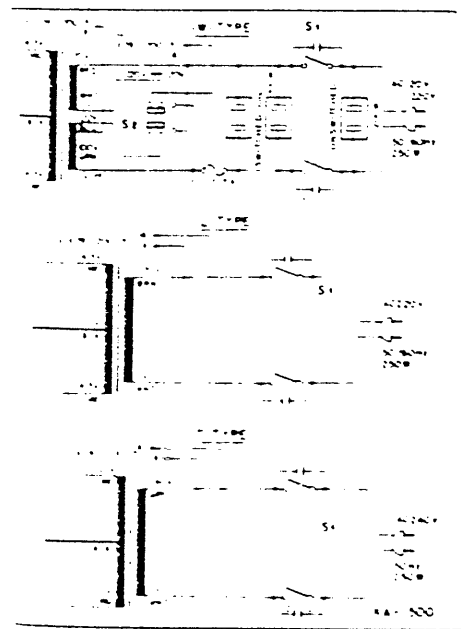
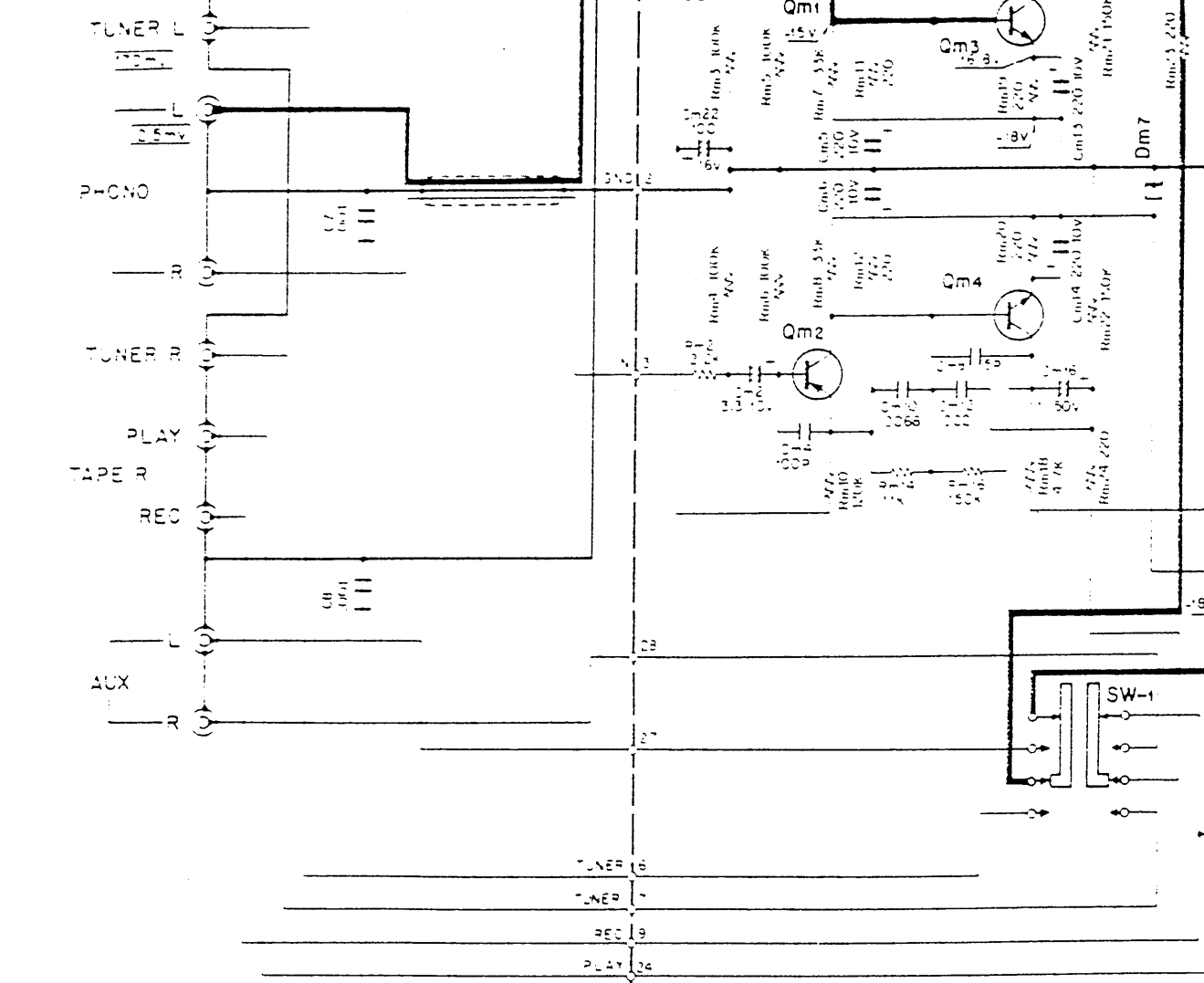
PREAMPLIFIER SECTION

- Input Sensitivity Impedance Signal to Noise Ratio (IHF A)**
- | | | | |
|--------|--------|----------|-------|
| PHONO: | 2.5 mV | 50 kohms | 70 dB |
| TUNER: | 160 mV | 50 kohms | 70 dB |
| AUX: | 160 mV | 50 kohms | 90 dB |
| TAPE: | 160 mV | 50 kohms | 90 dB |
- Maximum Input Level for Phono** 150 mV rms T.H.D. 0.1% at 1,000 Hz
- Output Level Impedance**
- | | | |
|-----------------|--------|----------|
| TAPE REC (PIN): | 160 mV | 240 ohms |
| (DIN): TAPE B | 30 mV | 39 kohms |
- Frequency Response**
- | | |
|---------------|-------------------------------------|
| PHONO: | 3 dB standard curve -0.5 dB -0.5 dB |
| AUX and TAPE: | 20 Hz to 30,000 Hz -1 dB -1 dB |
- Tone Control**
- | | |
|---------|--------------------|
| BASS: | ±9 dB at 100 Hz |
| TREBLE: | ±9 dB at 10,000 Hz |
- Loudness Control (-30 dB):** -1.5 dB at 100 Hz

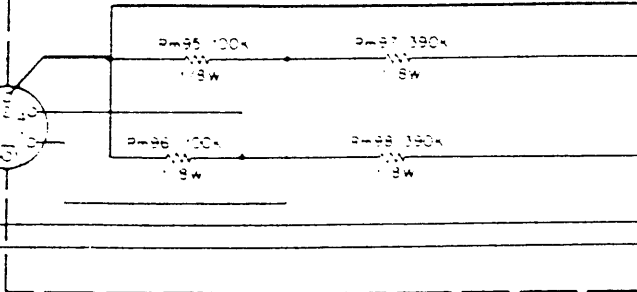
GENERAL

- Power Requirement:** 40-60-60 Hz 110 ~ 120 V 50 ~ 60 Hz 1.5 A
- Power Consumption:** 250 watts 30V 0.9 A
- AC Outlet:** Standard 2-prong wall outlet
- Dimension:** 170 x 130 x 140 mm (6.7 x 5.1 x 5.5 inches)

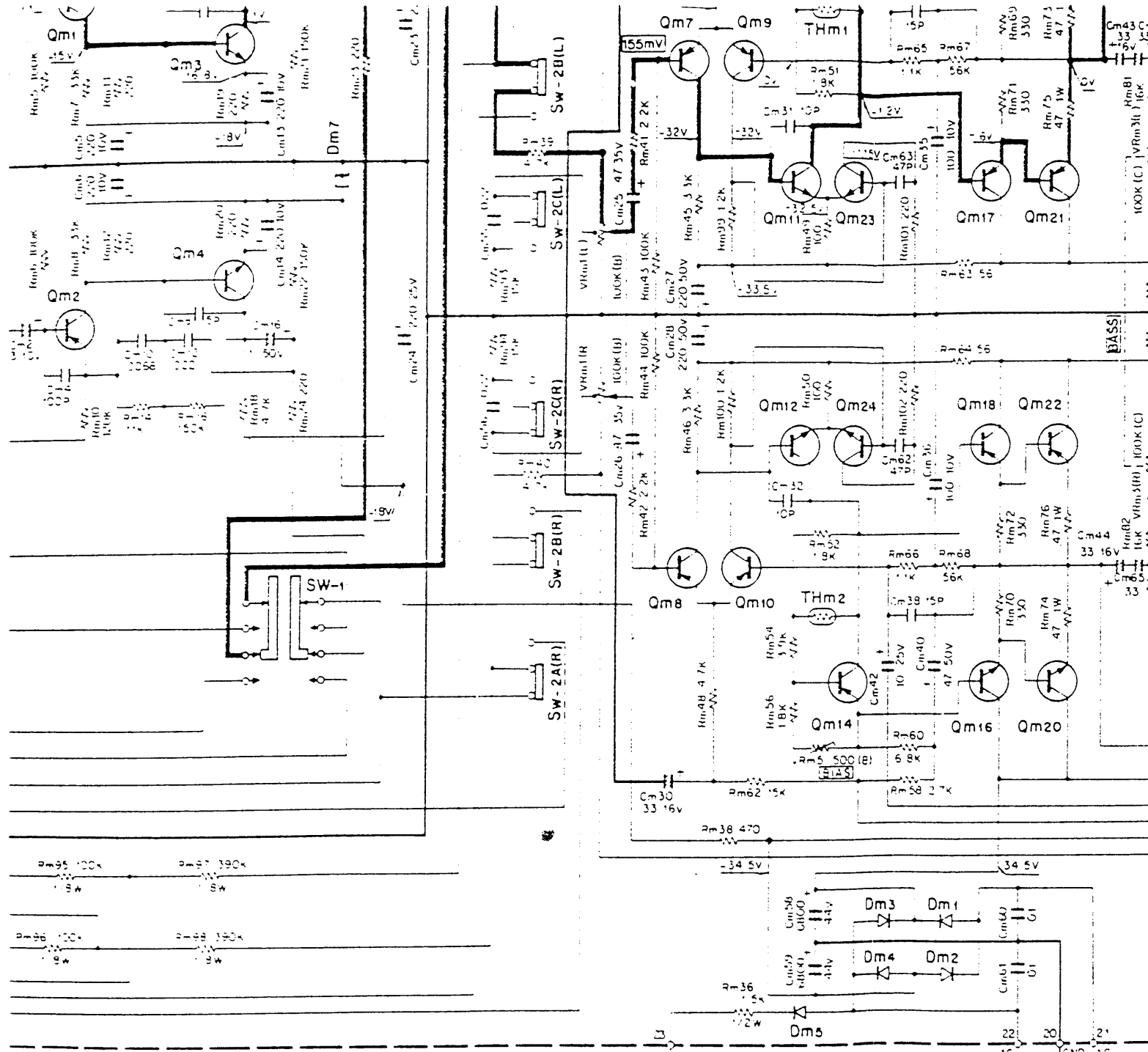
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



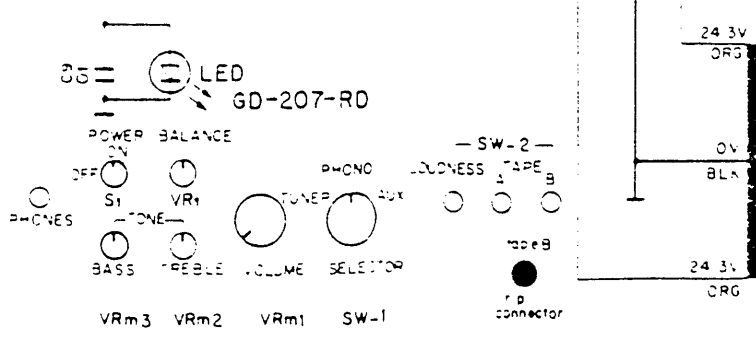
DIN CONNECTOR (E-3871)



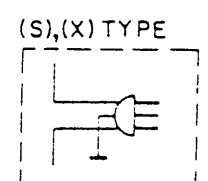
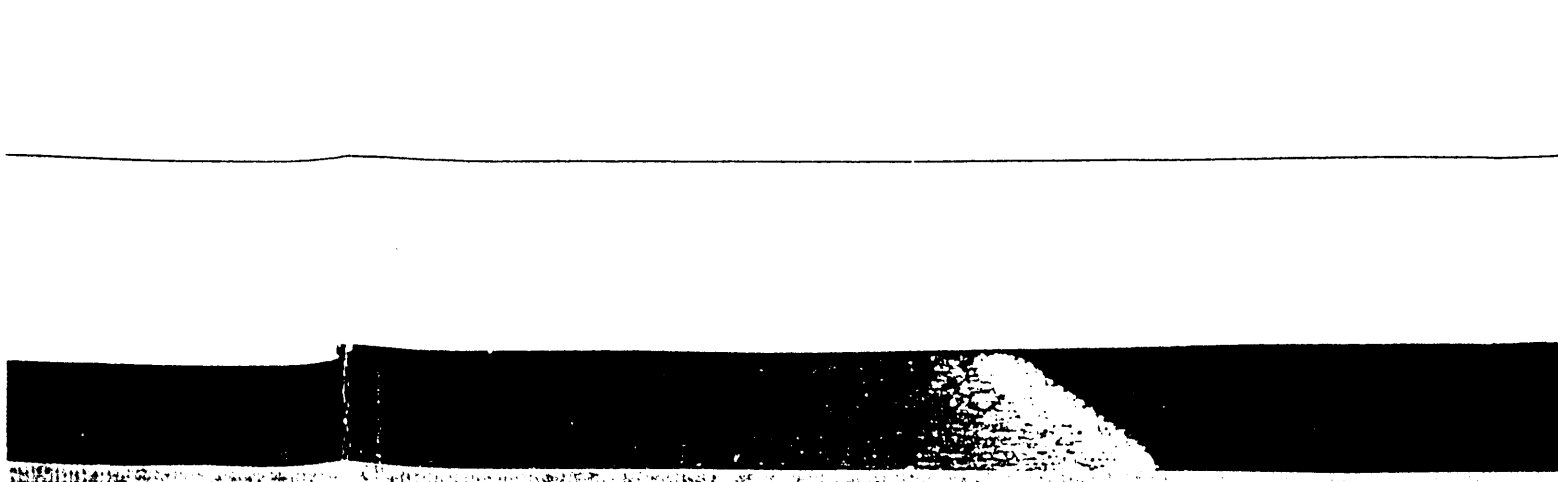
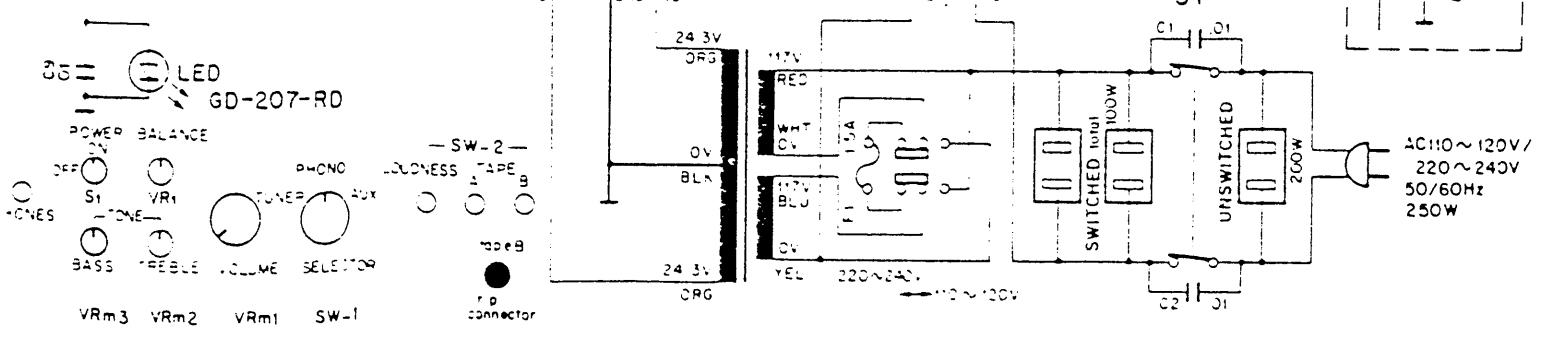
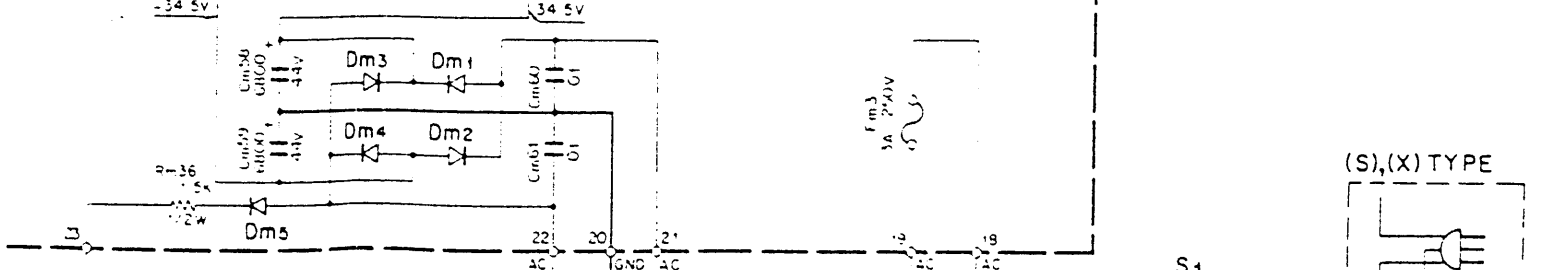
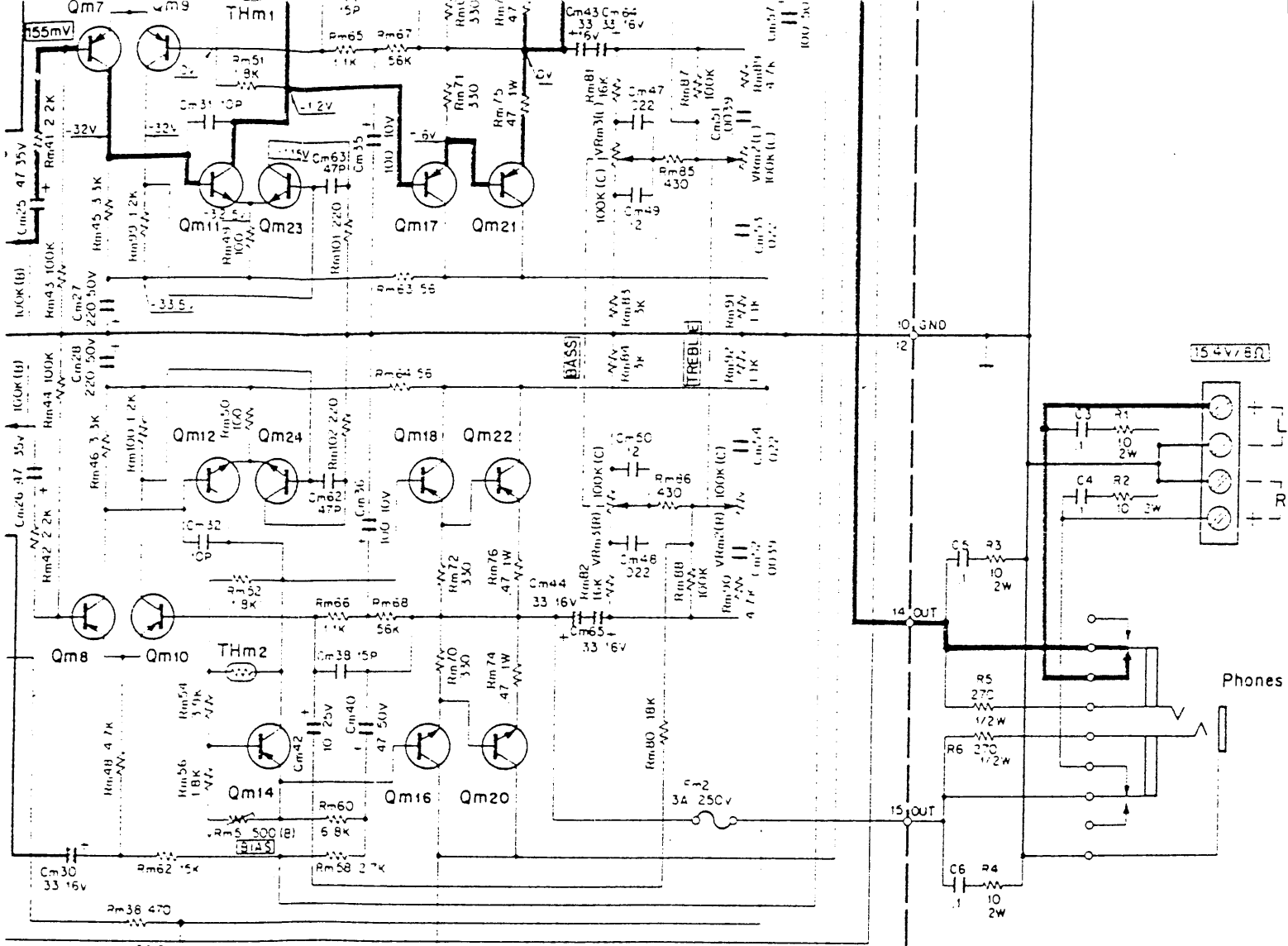
- Qm1 2 2SA640 E
- Qm7 7 10 2SA750 1 E
- Qm17 18 2SA850 D or E or 2SA777 Q1 or R1
- Qm19 19 2SC559e
- Qm1 1 4 2N58
- Qm3 3 4 2SC1222 U
- Qm11 11 12 23 24 2SC1399 U1 or
- Qm13 13 14 2SA620WB 14 or
- Qm15 15 16 2SC1735 D1 or E1 or
- Qm5 5 6 1S2076A
- Qm7 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



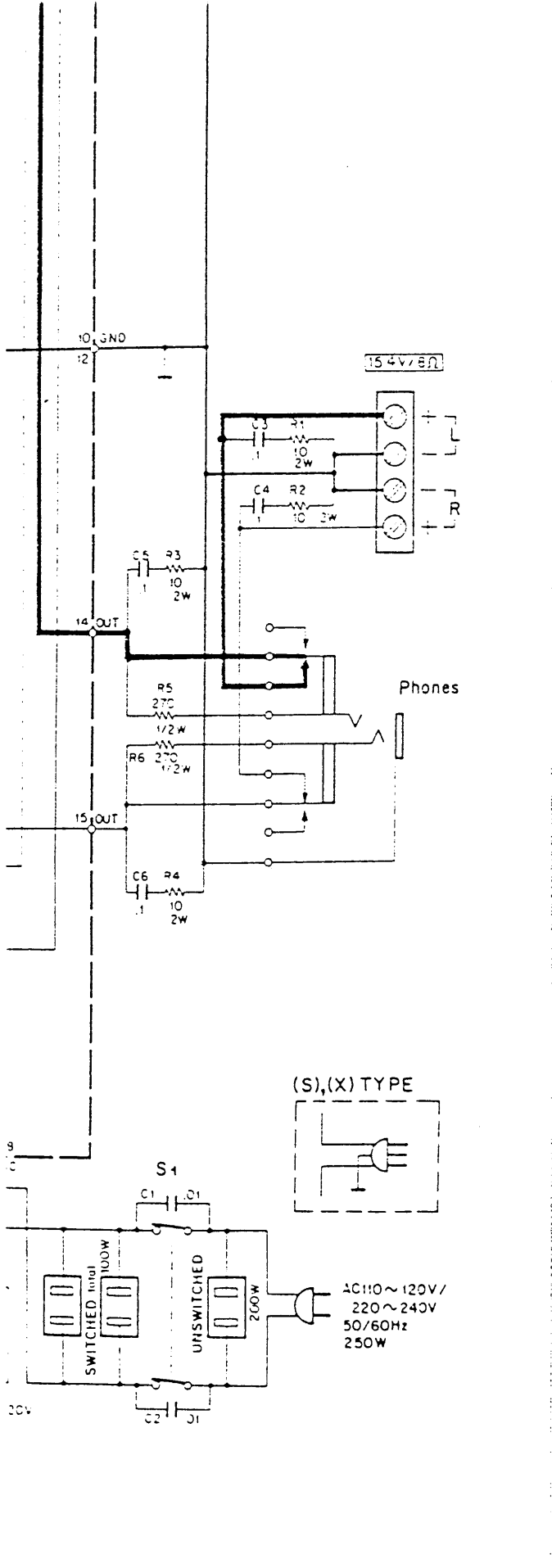
2SA640 E-Qm11 12 23 24 2SC1399 U1 or E1 Qm6 2SC1345 E1
 2SA750 U1 E1 Qm13 14 2SA620WB 4 or 51
 2SA850 D1 or E1 or 2SA777 Q1 or R1 Qm19 20 2SD525 Qm21 22
 U05B Dm5 6 1S2076A Dm7 EQA01 18R THm1 2 STP41L
 SC1222 U1 Qm15 16 2SC1735 D1 or E1 or 2SC1509 U1 or R1



For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- sales@mauritron.co.uk



AC: 110 ~ 120V /
220 ~ 240V
50/60Hz
250W



Both channel driven.

Dynamic Power Output:

Total Harmonic Distortion:

Intermodulation Distortion:
(60 Hz : 7 kHz = 4 : 1)

Power Bandwidth:

Damping Factor:

Speaker Impedance:

PREAMPLIFIER SECTION

Input Sensitivity Impedance Signal to Noise Ratio (IHF A)

| | | | |
|--------|--------|----------|-------|
| PHONO: | 2.5 mV | 50 Kohms | 70 dB |
| TUNER: | 160 mV | 50 Kohms | 60 dB |
| AUX: | 160 mV | 60 Kohms | 60 dB |
| TAPE: | 160 mV | 60 Kohms | 60 dB |

Maximum Input Level for Phono

Output Level Impedance

| | | |
|-----------------|--------|----------|
| TAPE REC (PIN): | 160 mV | 240 ohms |
| (DIN): TAPE B | 30 mV | 39 Kohms |

Frequency Response

| | | | |
|---------------|--------------------|---------|---------|
| PHONO: | R44 standard curve | -0.5 dB | -0.5 dB |
| AUX and TAPE: | 20 Hz to 30,000 Hz | -1 dB | -1 dB |

Tone Control

| | |
|---------|--------------------|
| BASS: | +8 dB at 100 Hz |
| TREBLE: | +8 dB at 10,000 Hz |

Loudness Control (-30 dB):

| | |
|--|-----------------|
| | -7 dB at 100 Hz |
|--|-----------------|

GENERAL

Power Requirement:

Power Consumption:

AC Outlet:

Dimension:

Weight (Net):

(Gross):

Weight (Net) (T type):

(Gross) (T type):

20 Hz to 20 kHz, 10% total harmonic distortion
 25 Watts per channel, 8 Ohm load
 RMS, 16 Ohm load from 20 Hz to 20,000 Hz with
 no more than 0.1% total harmonic distortion
 36 = 15 Watts 8 Ohms at 1,000 Hz
 33 = 28 Watts 8 Ohms at 1,000 Hz
 36 = 36 Watts 8 Ohms at 1,000 Hz
 36 = 36 Watts 8 Ohms at 1,000 Hz
 100 Watts 8 Ohms DUT, 170 Watts

0.1% at rated power into 8 Ohms
 0.05% at 1 Watt into 8 Ohms
 0.1% at rated power into 8 Ohms
 0.05% at 1 Watt into 8 Ohms
 20 Hz to 36,000 Hz
 30 Ohm 8 Ohms
 4 Ohm 8 Ohms to 16 Ohms

40, 50, 60 Hz 110 ~ 120V, 220 ~ 240V, 250W
 250 Watts at 100 Ohm
 50mm x 100mm x 100mm
 140mm x 100mm x 100mm
 2.1kg (4.6 lbs)
 14.5kg (32 lbs)
 14.5kg (32 lbs)
 14.5kg (32 lbs)

For Service Manuals
MAURITRON SERVICES
 8 Cherry Tree Road, Chinnor
 Oxfordshire, OX9 4QY.
 Tel (01844) 351694
 Fax (01844) 352554
 email:- sales@mauritron.co.uk