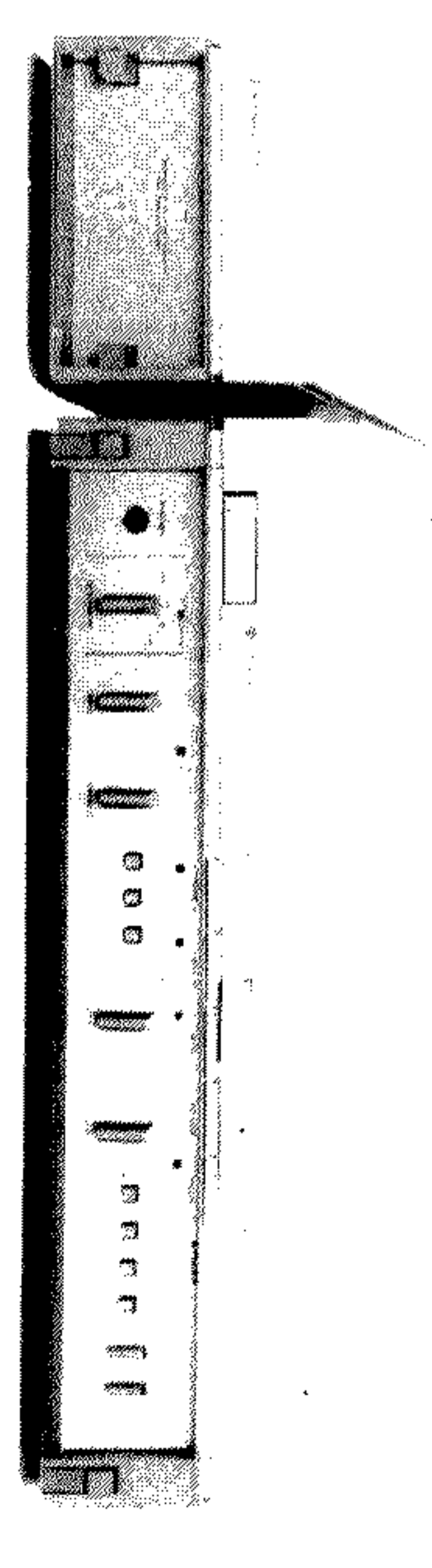


NEW SEPARATE AMPLIFIER

E F G H I J K L

KA-1000



SPECIFICATIONS

POWER OUTPUT
 100 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.005% total harmonic distortion.

Both Channels Driven: 115 + 115 watts 8 ohms at 1,000 Hz

Total Harmonic Distortion (20 Hz to 20,000 Hz) AUX input to SPEAKER output: 0.005% at rated power into 8 ohms

0.005% at 1/2 rated power into 8 ohms

PHONO input to SPEAKER output: 0.007% at rated power with VOLUME - 20 dB

0.005% at rated power into 8 ohms

600, at 100 Hz into 8 ohms

Damping Factor (60 Hz; 7 kHz = 4:1) 0.007%

Transient Response 0.9 μs

Rise Time ± 120 V/μs

Slew Rate

Frequency Response (DC COUPLED at ON) DC to 400 kHz, + 0 dB, - 3 dB

(DC COUPLED at OFF) 18 Hz to 400 kHz, + 0 dB, - 3 dB

Speaker Impedance Accept 4 ohms to 16 ohms

Input Sensitivity/Impedance

Phono (MM) 2.5 mV/33 k ohms, 47 k ohms and 100 k ohms

Phono (MC) 0.2 mV/100 ohms

Tuner AUX, Tape A, B 150 mV/47 k ohms

Signal-to-Noise Ratio (HF: A)

Phono (MM) 87 dB for 2.5 mV input

93 dB for 5.0 mV input

99 dB for 10 mV input

67 dB for 0.2 mV input

73 dB for 0.4 mV input

105 dB for 150 mV input

Phono (MC) 270 mV (RMS), T.H.D. 0.003% at 1,000 Hz

15 mV (RMS), T.H.D. 0.003% at 1,000 Hz

Phono (MM) 30 mV/80 k ohms

RIAA standard curve ± 0.2 dB (20 Hz to 20,000 Hz)

Phono Frequency Response

Loudness Control + 10 dB at 100 Hz (at -30 dB VOLUME level)

Tone Control

Bass ± 10 dB, at 50 Hz

± 10 dB, at 100 Hz

Treble ± 10 dB, at 10 kHz

± 10 dB, at 20 kHz

Subsonic Filter (DC COUPLED at OFF) 18 Hz, 6 dB/oct

GENERAL

Power Consumption 5.7 IUL/CSA)

AC Outlets 800 watts (IEC)

Switched 2, Unswitched 2

Dimensions Amplifier (KA-1000) 440 mm (17.5/16.7")

Power Supply (KA-1000-PS) 140 mm (14.1/12.7")

W 123 mm (4.27/3.27")

H 375 mm (14.3/14.7")

D 358 mm (14.3/3.27")

Net Weight 14.4 kg (31.7 lb)

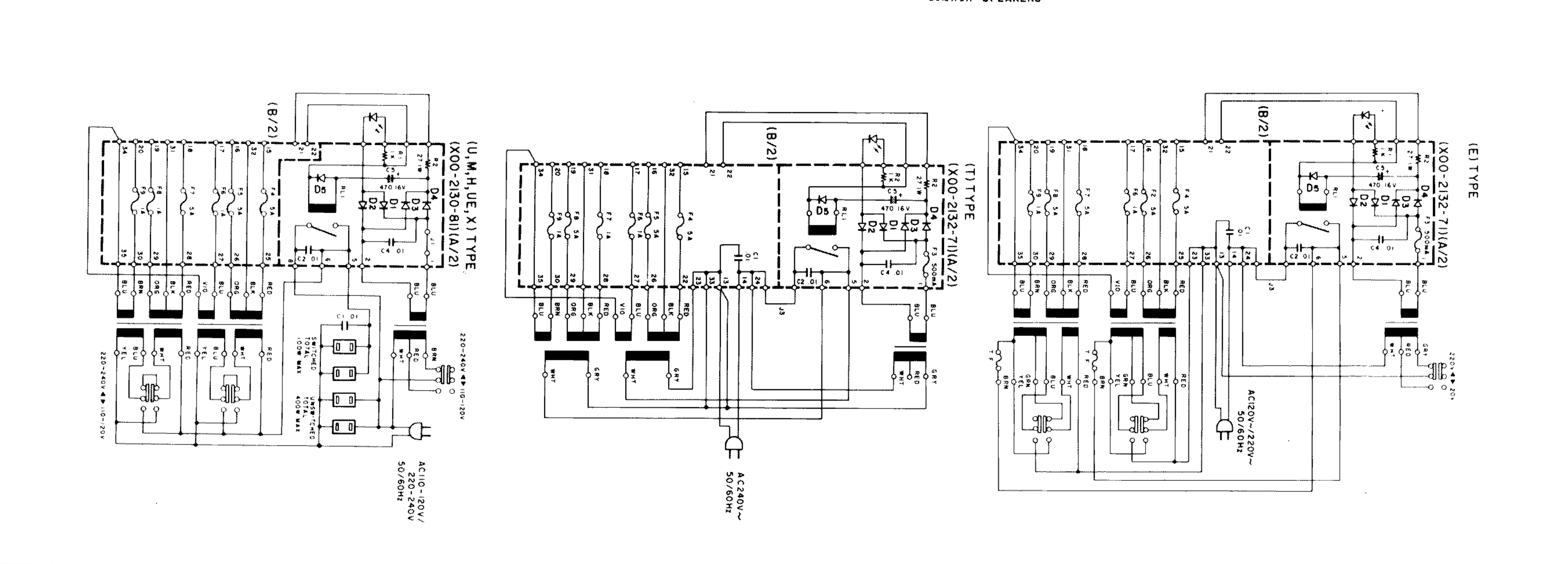
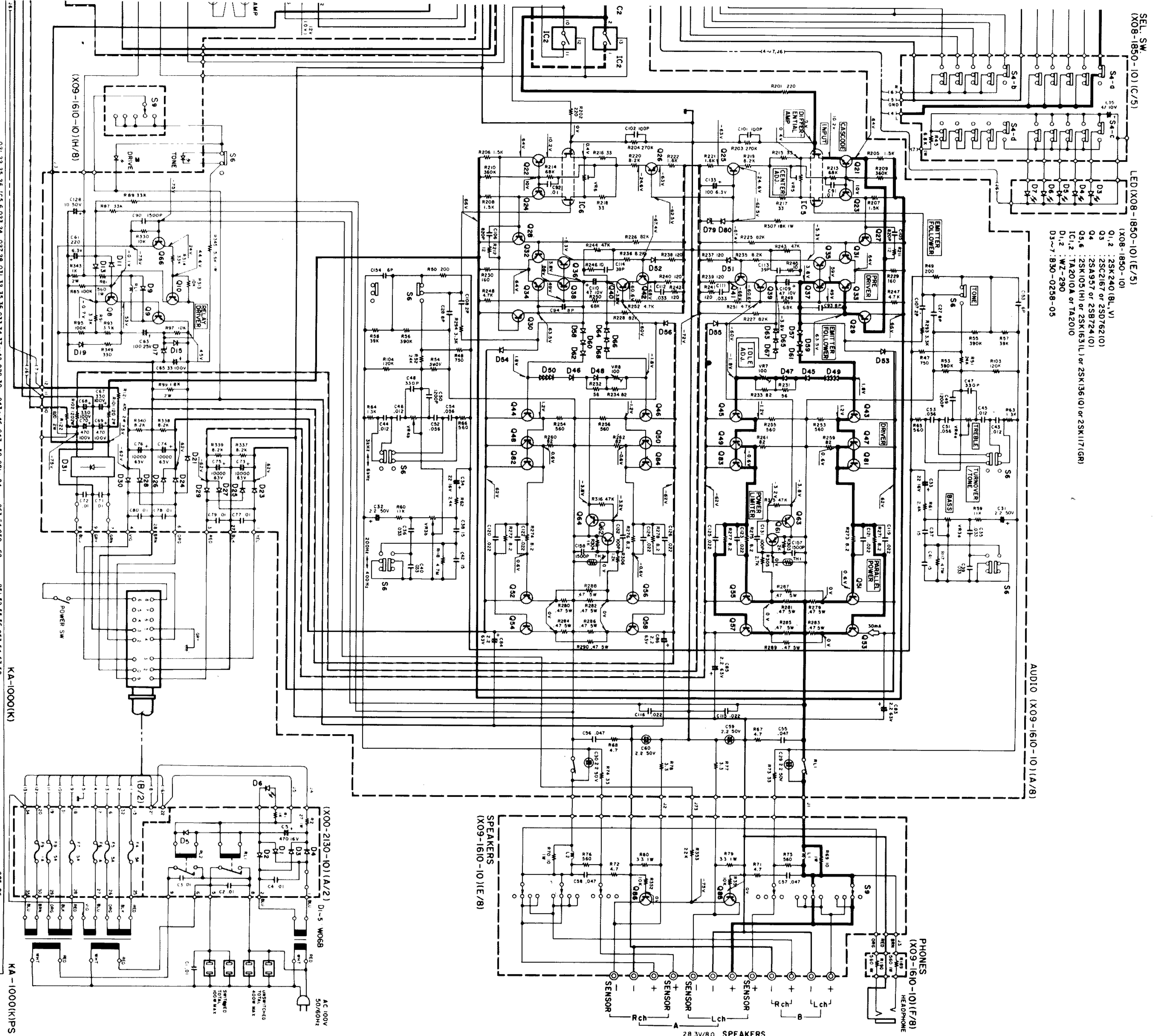
8.0 kg (17.6 lb)

* Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier in U.S.A.

Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Kenwood pour suit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

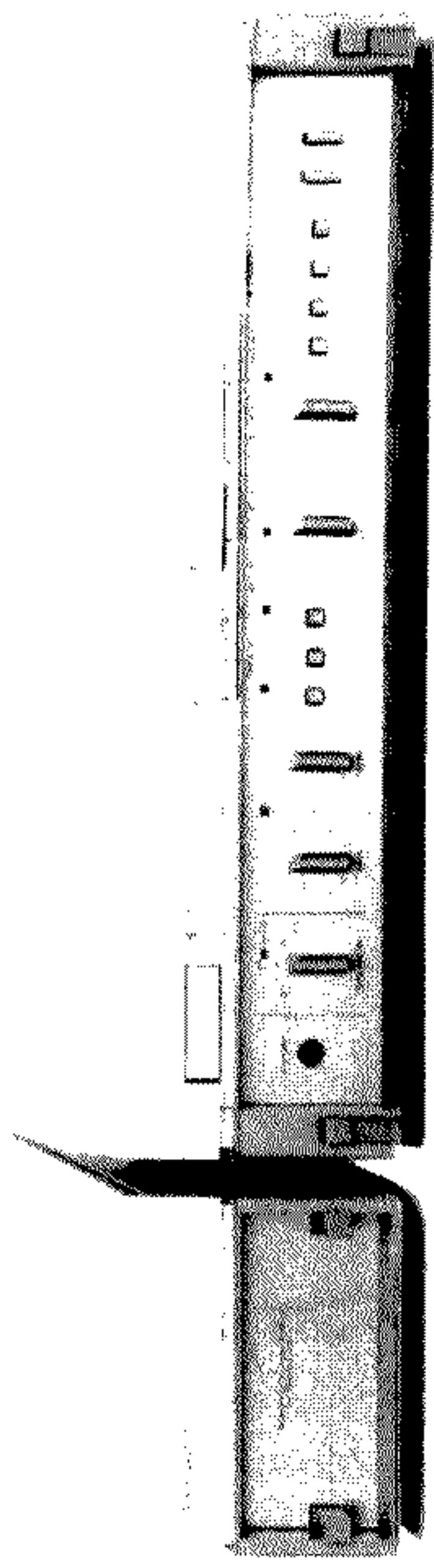


DC voltages are measured by a VOM with 25 kΩ/V input impedance.

NEW SEPARATE AMPLIFIER

KA-1000

REVISED EDITION



SPECIFICATIONS

POWER OUTPUT
 100 watts* per channel minimum RMS, both channels driven, at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.005% total harmonic distortion.

Both Channels Driven..... 115 + 115 watts 8 ohms at 1,000 Hz
 Total Harmonic Distortion (20 Hz to 20,000 Hz)..... 0.005% at rated power into 8 ohms
 AUX input to SPEAKER output..... 0.005% at 1/2 rated power into 8 ohms
 PHONO input to SPEAKER output..... 0.007% at rated power with VOLUME - 20 dB
 Intermodulation Distortion (60 Hz; 7 kHz = 4:1)..... 0.005% at rated power into 8 ohms
 Damping Factor..... 600, at 100 Hz into 8 ohms
 Transient Response..... 0.9 μ s
 Rise Time..... ± 120 V/ μ s
 Slew Rate..... DC to 400 kHz, +0 dB, -3 dB
 Frequency Response (DC COUPLED at ON)..... 18 Hz to 400 kHz, +0 dB, -3 dB
 (DC COUPLED at OFF)..... Accept 4 ohms to 16 ohms

Speaker Impedance..... 2.5 mV/33 k ohms, 4.7 k ohms and 100 k ohms
 Input Sensitivity/Impedance (Phono (MM))..... 0.2 mV/100 ohms
 (Phono (MC))..... 150 mV/47 k ohms
 Tuner, AUX, Tape A, B..... 87 dB for 2.5 mV input
 Signal-to-Noise Ratio (IHF - A)..... 93 dB for 5.0 mV input
 (Phono (MM))..... 67 dB for 0.2 mV input
 73 dB for 0.4 mV input
 105 dB for 150 mV input

Phono (MC)..... 270 mV (RMS), T.H.D. 0.003% at 1,000 Hz
 Tuner, AUX, Tape A, B..... 15 mV (RMS), T.H.D. 0.003% at 1,000 Hz
 Maximum Input Level (Phono (MM))..... 150 mV/330 ohms
 (DIN)..... 30 mV/80 k ohms
 Output Level/Impedance (Phono Frequency Response)..... RIAA standard curve ± 0.2 dB (20 Hz to 20,000 Hz)
 Loudness Control..... +10 dB at 100 Hz (at -30 dB VOLUME Level)

Tone Control..... ± 10 dB, at 50 Hz
 Bass..... ± 10 dB, at 100 Hz
 400 Hz..... ± 10 dB, at 10 kHz
 Treble..... ± 10 dB, at 20 kHz
 6 kHz..... ± 10 dB, at 20 kHz
 Subsonic Filter (DC COUPLED at OFF)..... 18 Hz, 6 dB/oct

GENERAL
 Power Consumption..... 800 watts (IEC)
 5.7 IUL/CSA
 AC Outlets..... Switched 2, Unswitched 2
 Amplifier (KA-1000)..... 140 mm (14-1/2")
 Dimensions..... W 123 mm (4-27/32")
 H 123 mm (4-27/32")
 D 375 mm (14-3/4")
 Net Weight..... 14.4 kg (31.7 lb)
 8.0 kg (17.6 lb)

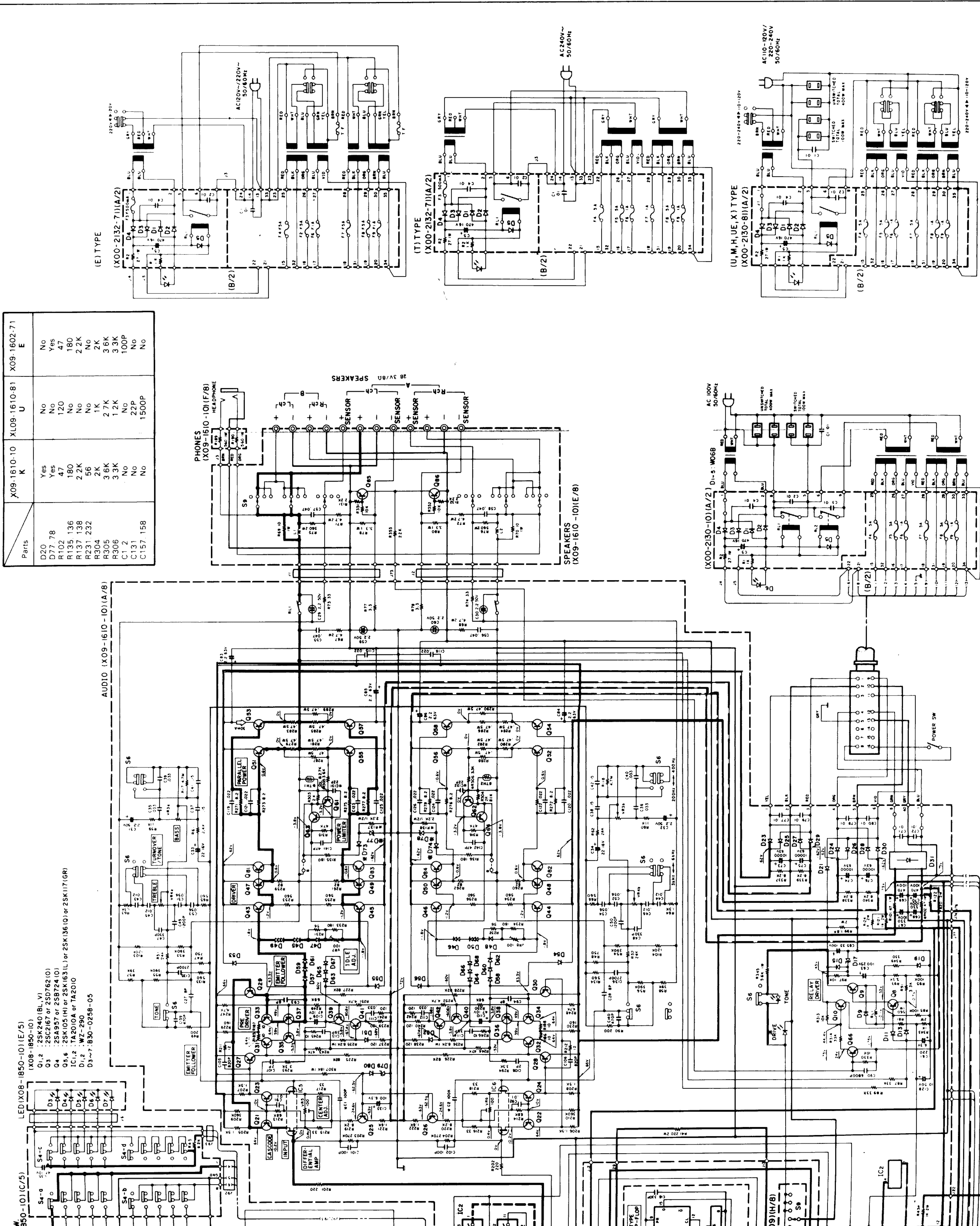
* Measured pursuant to Federal Trade Commission's Trade Regulation rule on Power Output Claims for Amplifier in U.S.A.

Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

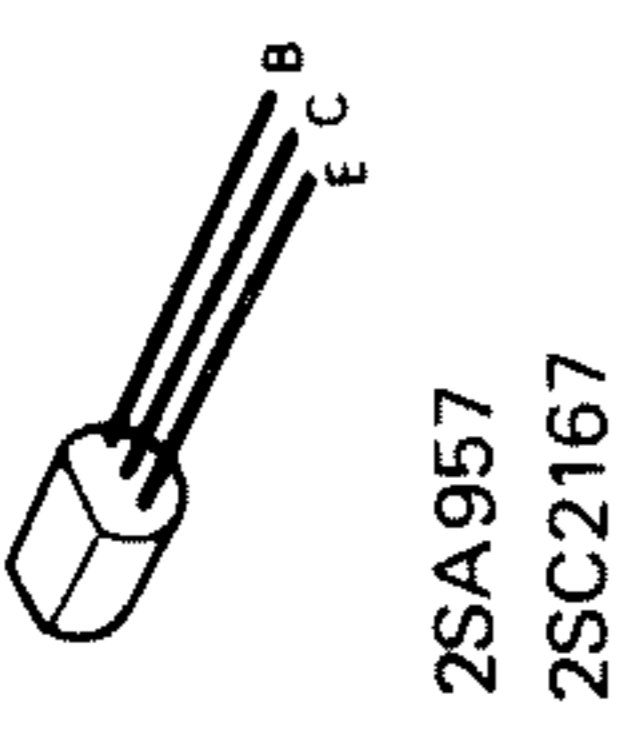
E F G H I J K L



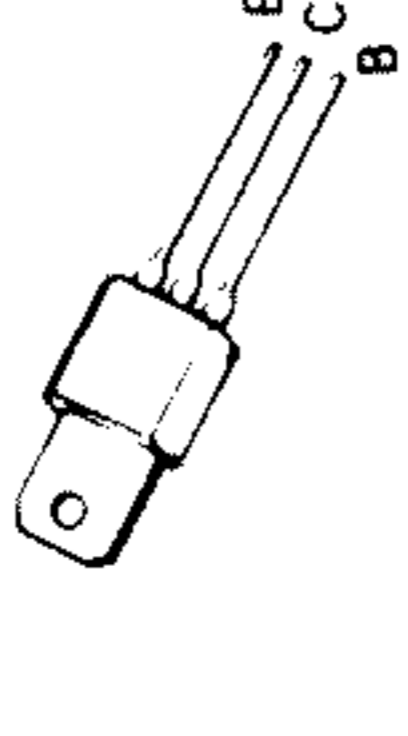
Parts	IX09-1610-10	IX09-1610-81	IX09-1602-71
D20	No	No	No
D25	Yes	No	Yes
R102	475	120	47
R105	180	No	180
R135	136	No	2.2K
R137	138	No	2.2K
R231	232	No	2K
R304	2K	1K	2K
R305	3.6K	2.7K	3.6K
R306	3.3K	1.2K	3.3K
C1	No	No	100P
C12	No	22P	No
C131	No	1500P	No
C157	158	No	No

DC voltages are measured by a VOM with 25 k Ω /V input impedance.

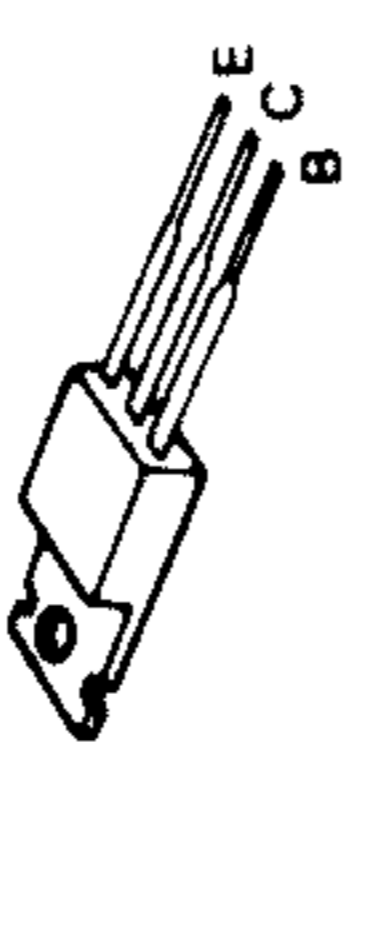
- 2SA733
- 2SA872
- 2SA912
- 2SA954
- 2SA992
- 2SA999
- 2SA1123
- 2SA1124
- 2SA1127NC
- 2SC535
- 2SC945
- 2SC1674
- 2SC1775
- 2SC1845
- 2SC1885
- 2SC1923
- 2SC2320
- 2SC2631



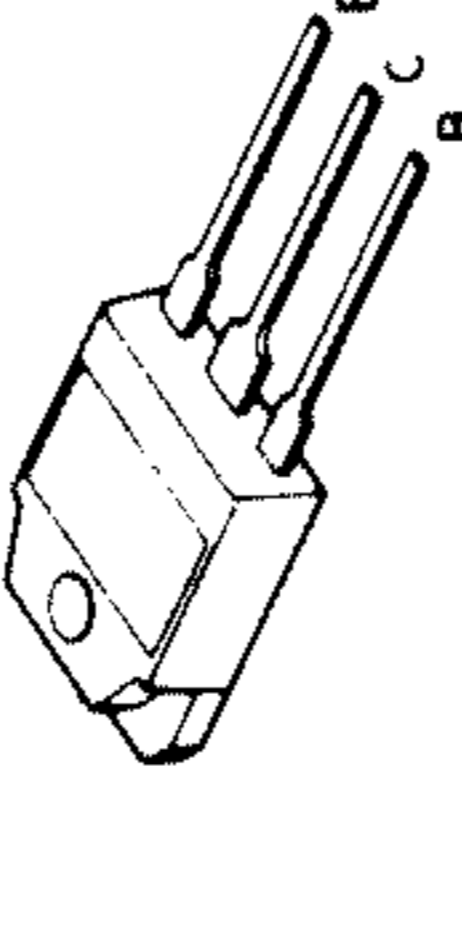
- MB840668
- MB840698
- μPD4066BC
- μPD4069UBC



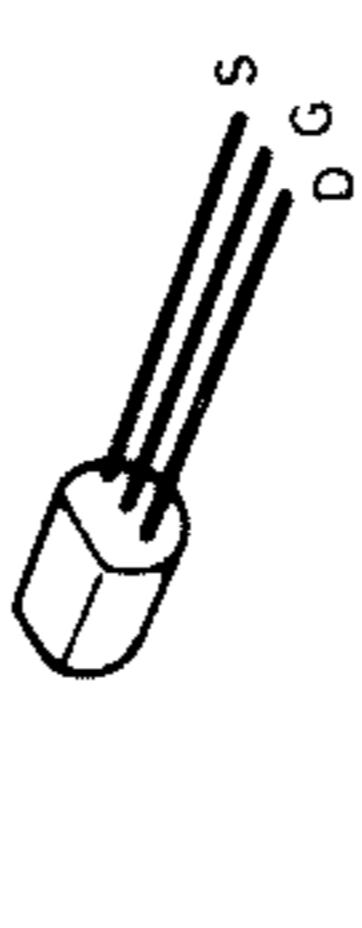
- 2SA985A
- 2SA1111
- 2SB724
- 2SC2275A
- 2SC2591
- 2SC2632
- 2SD762
- 2SD313V-AL



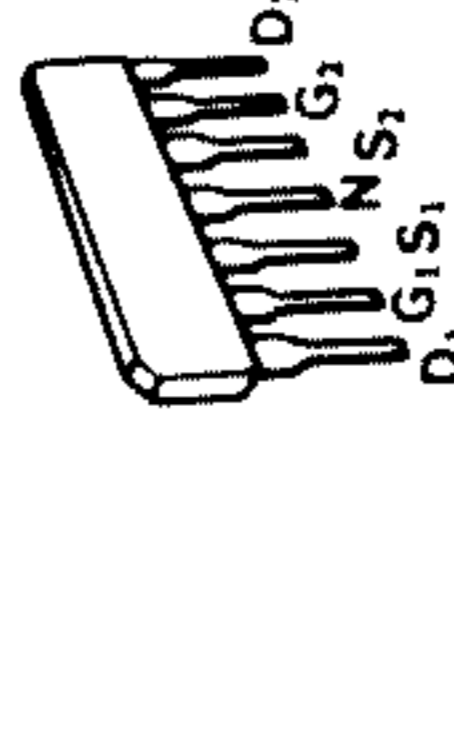
- 2SA1186
- 2SC2837



- 2SK105
- 2SK117
- 2SK163
- 2SK136



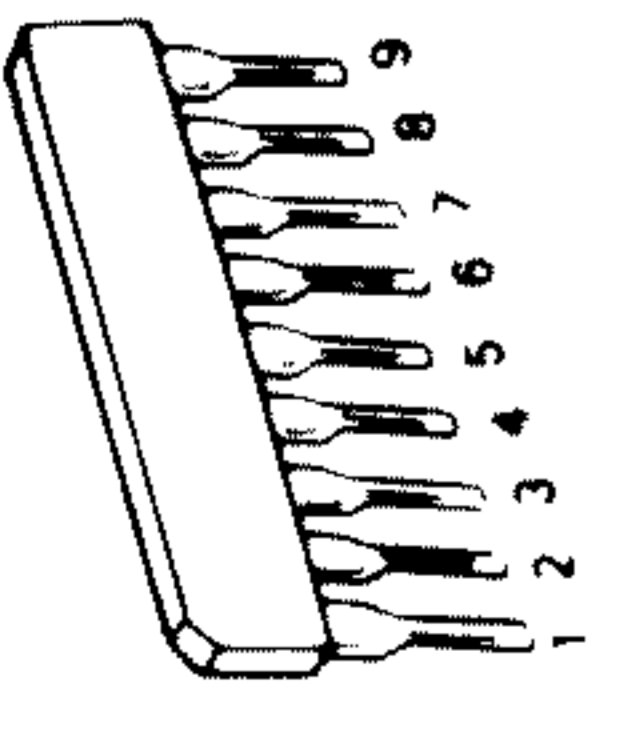
- μPA68H



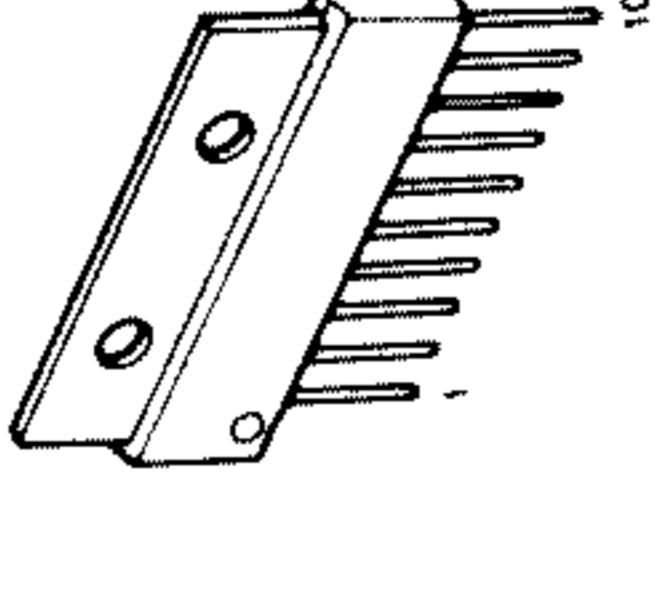
- 2SK240



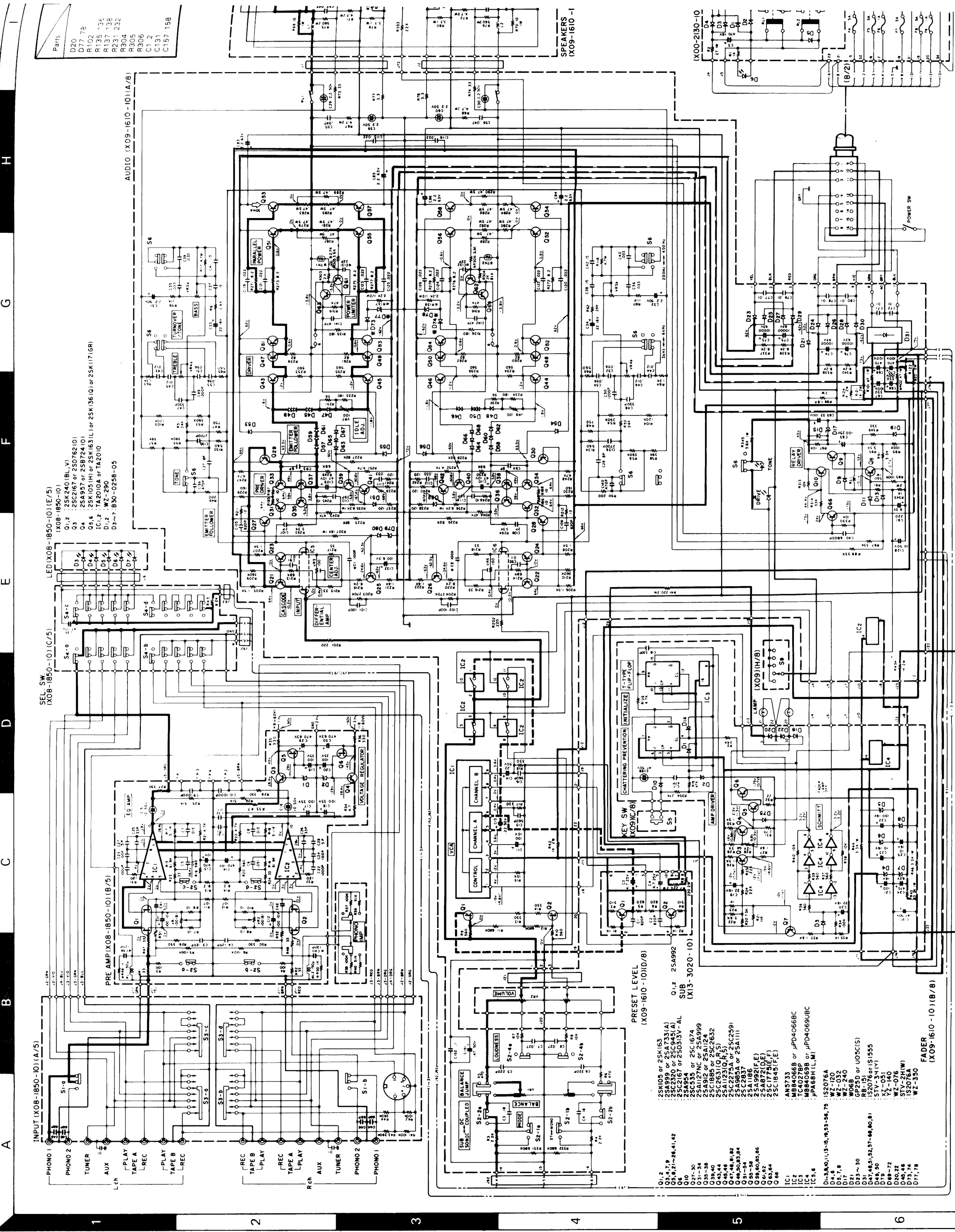
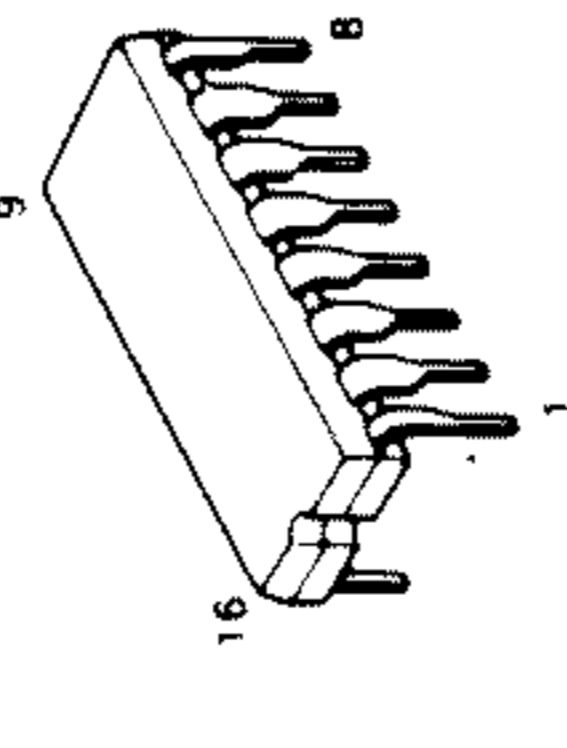
AN5733



TA2010
TA2010A



TC4027BP



A B C D E F G H

- Parts
- D20
 - D77 78
 - R102
 - R135 136
 - R137 138
 - R231 232
 - R304
 - R305
 - C1 2
 - C131
 - C157 158

- 1Q1, 2
Q3, 4, 7, 8, 11, 12, 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, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

No other than TC4027BP is to be used for IC3.