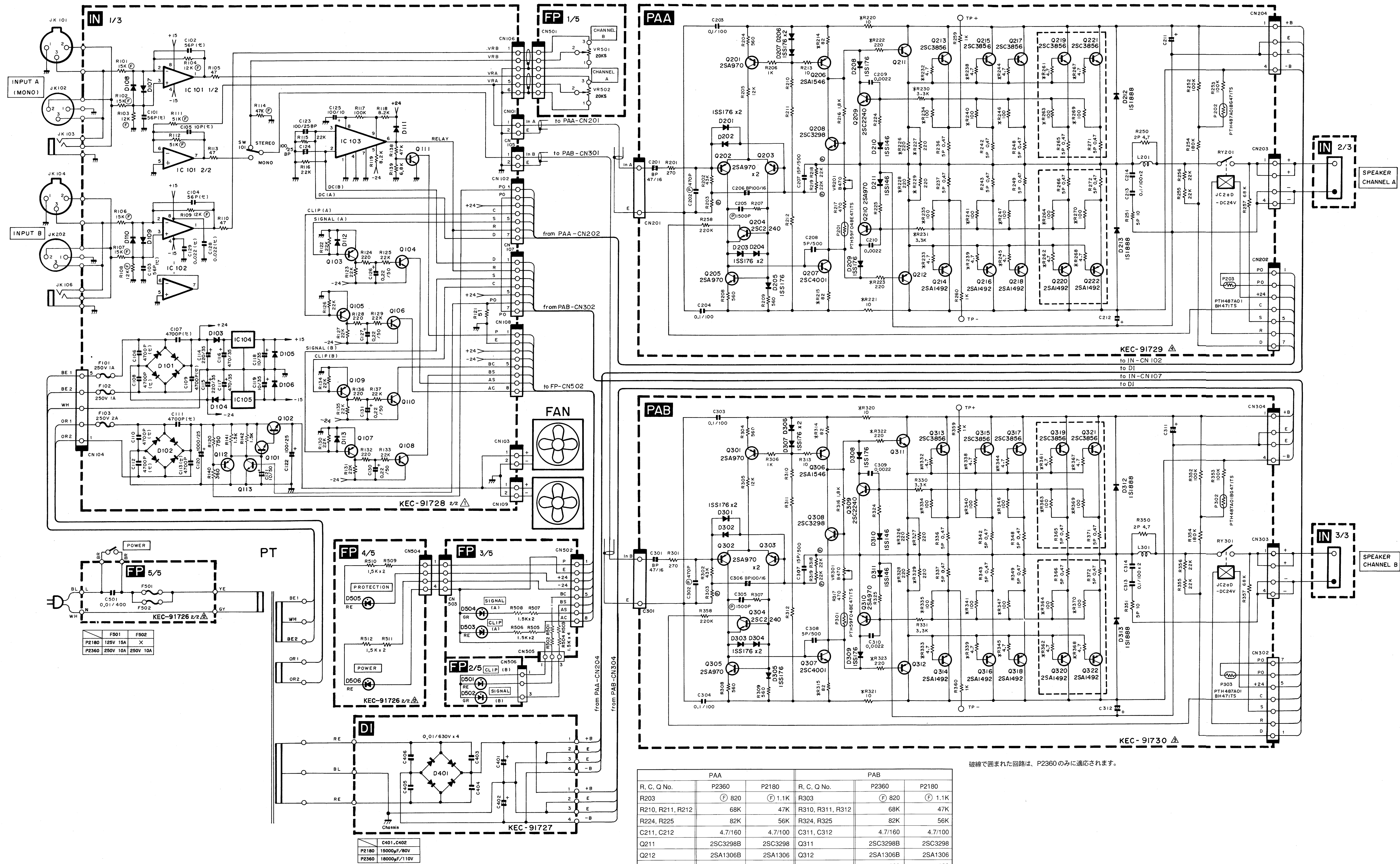


■ P2180/P2360 OVERALL CIRCUIT DIAGRAM



- Notes)
- Circuit Board: DI (V1996700) XH284B0 (P2180)
- Diode Stack D401: K8PC25-04 (IH000390) 20A 40V
 - Mylar Cap. C403 - 406: 0.01μ 630V (FZ000650)
 - Electrolytic Cap. C401, 402: 15000μ 80V (FZ006780)
 - Terminal: (VA855400) 3 pcs
- Notes)
- Circuit Board: DI (V1996600) XH283A0 (P2360)
- Diode Stack D401: K8PC25-04 (IH000390) 20A 40V
 - Mylar Cap. C403 - 406: 0.01μ 630V (FZ000650)
 - Electrolytic Cap. C401, 402: 18000μ 110V (V1575500)
 - Terminal: (VA855400) 3 pcs
- Notes)
- Circuit Board: FP (VJ051500) X1621A0 (P2180 J)
- LED D501, 503, 505, 506: TLR124 RE (IF001190) CLIP, PROTECT, POWER
 - Variable Resistor VR501, 502: 20K (VK283300) Input Att. A, B
 - Ceramic Cap. C501: 0.01μ 400V (F384100)
 - Fuse F501: 15A 125V (KB001270) (J)
 - Terminal: (VA855400) 6 pcs
- Notes)
- Circuit Board: FP (V1996300) X1619A0 (P2360 J)
- LED D501, 503, 505, 506: TLR124 RE (IF001190) CLIP, PROTECT, POWER
 - Variable Resistor VR501, 502: 20K (VK283300) Input Att. A, B
 - Ceramic Cap. C501: 0.01μ 400V (F384100)
 - Fuse F501, 502: 10A 250V (KB001490) (J)
 - Terminal: (VA855400) 6 pcs

破線で囲まれた回路は、P2360のみに対応されます。

PAA			PAB		
R, C, Q No.	P2360	P2180	R, C, Q No.	P2360	P2180
R203	F 820	F 1.1K	R303	F 820	F 1.1K
R210, R211, R212	68K	47K	R310, R311, R312	68K	47K
R224, R225	82K	56K	R324, R325	82K	56K
C211, C212	4.7/160	4.7/100	C311, C312	4.7/100	4.7/100
Q211	2SC3298B	2SC3298	Q311	2SC3298B	2SC3298
Q212	2SA1306B	2SA1306	Q312	2SA1306B	2SA1306
R207	220	120	R307	220	120

- Notes)
- Circuit Board: PAA (V1997600) XG961B0 (P2180)
PAA (V1997500) XG961B0 (P2360)
- Transistor Q201 - 209: 2SA970 GR, BL (IA097000)
Q204, 205, 209: 2SC2240 GR, BL (IC224000)
Q206: 2SA1546 (IX805240)
Q207: 2SC3298 (IC329810)
Q208: 2SC3298 (IC329810)
Q211 (P2180): 2SC3298 (IC329810)
Q212 (P2180): 2SC3298 (IC329810)
Q213, 215, 217: 2SC3856 (IX609760)
Q214, 216, 218: 2SA1492 (IX609760)
Q219, 221: 2SC3856 (IX609760) (P2360のみ)
Q220, 222: 2SA1492 (IX609750) (P2360のみ)
 - Diode D201 - 209: 1SS133 (IF003450)
D210, 211: 1SS146 (V1783000)
D212, 213: 1S1888 (IH000320)
 - Flame Proof Carbon Resistor R214, 215: 820 1/4W J (HV354820)
R220, 221: 100 1/4W J (HV354100)
R222, 223: 220 1/4W J (HV355220)
R228 - 229: 3.3K 1/4W J (HV356330)
R230, 231: 220 1/4W J (HV353470)
R232, 233: 3.3K 1/4W J (HV356330)
R234, 235, 240: 4.7 1/4W J (HV355100)
R241, 246, 247: 241 246 247 1000 1/4W J (HV355100) (P2360のみ)
R261, 262, 267, 268: 4.7 1/4W J (HV353470) (P2360のみ)
R263, 264, 269, 270: 1000 1/4W J (HV355100) (P2360のみ)
 - Wire Wound Resistor R236, 237, 242: 0.47 5W K (HZ003600)
R251: 100 5W (HM654100)
R265, 266, 271, 272: 0.47 5W K (HZ003600) (P2360のみ)
 - Metal Film Resistor R203 (P2180): 1.1K 1/5W F (VB065600)
R208: 820 1/5W F (VB064800)
R218, 219: 22K 1/5W F (VB068100)
 - Metal Oxide Film Resistor R250: 4.7 2W J (VC769900)
 - Positive Thermistor P201: PTH5H9F048E471TS (VE404900)
P202: PTH487A018G471 (V1518000)
P203: PTH487A018H471 (VJ087200)
 - Trimmer Potentiometer VR201: B470 3P H1052A (HT410370) BIAS ADJ.
 - Maica Cap. C207: 15P 500V J (FU351150)
C208: 5P 500V J (FU350500)
 - Mylar Cap. C203, 204, 213, 214: 0.1μ 100V K (FZ005200)
 - Electrolytic Cap. C211, 212 (P2180): 4.7μ 100V (UH296470)
(P2360): 4.7μ 160V (UJ706470)
 - Coil L201: 2mH GD90058 GY (GD900580)
 - Relay RY201: DC24V JC2AD (KC001410)

- Notes)
- Circuit Board: PAB (V1997900) XH280B0 (P2180)
PAB (V1997800) XH280B0 (P2360)
- Transistor Q301 - 303, 310: 2SA970 GR, BL (IA097000)
Q304, 305, 309: 2SC2240 GR, BL (IC224000)
Q306: 2AA1546 (IX805240)
Q307: 2SC4001 (IX805250)
Q308: 2SC3298 (IC329810)
Q309: 2SC3298 (IC329810)
Q311 (P2180): 2SC3298 (IC329810)
Q312 (P2180): 2SC3298 (IC329810)
Q313, 315, 317: 2SA1306B (IA130610)
Q314, 316, 318: 2SA1306B (IA130610)
Q319, 321: 2SC3856 (IX609760) (P2360のみ)
Q320, 322: 2SA1492 (IX609750) (P2360のみ)
 - Diode D301 - 309: 1SS133 (IF003450)
D310, 311: 1SS146 (V1783000)
D312, 313: 1S1888 (IH000320)
 - Flame Proof Carbon Resistor R314, 315: 820 1/4W J (HV354820)
R320, 321: 100 1/4W J (HV354100)
R322, 323: 220 1/4W J (HV355220)
R332, 333: 3.3K 1/4W J (HV356330)
R334, 335, 340: 4.7 1/4W J (HV353470)
R341, 346, 347: 1000 1/4W J (HV355100)
R361, 362, 367, 368: 4.7 1/4W J (HV353470) (P2360のみ)
R363, 364, 369, 370: 1000 1/4W J (HV355100) (P2360のみ)
 - Wire Wound Resistor R336, 337, 342: 0.47 5W K (HZ003600)
R351: 343, 348, 349: 100 5W (HM654100)
R365, 366, 371, 372: 0.47 5W K (HZ003600) (P2360のみ)
 - Metal Film Resistor R303 (P2180): 1.1K 1/5W F (VB065600)
R308: 820 1/5W F (VB064800)
R318, 319: 22K 1/5W F (VB068100)
 - Metal Oxide Film Resistor R350: 4.7 2W J (VC769900)
 - Positive Thermistor P301: PTH5H9F048E471TS (VE404900)
P302: PTH487A018G471 (V1518000)
P303: PTH487A018H471 (VJ087200)
 - Trimmer Potentiometer VR301: B470 3P H1052A (HT410370) BIAS ADJ.
 - Maica Cap. C307: 15P 500V J (FU351150)
C308: 5P 500V J (FU350500)
 - Mylar Cap. C303, 304, 313, 314: 0.1μ 100V K (FZ005200)
 - Electrolytic Cap. C311, 312 (P2180): 4.7μ 100V (UH296470)
(P2360): 4.7μ 160V (UJ706470)
 - Coil L301: 2mH GD90058 GY (GD900580)
 - Relay RY301: DC24V JC2AD (KC001410)

- Notes)
- Circuit Board: IN (V1996000) X1620A0 (J)
- IC IC101, 102: M5238P (XA013001) OP AMP.
IC103: TA7317P (IC034800) SP PROTECTION
IC104: NJM7815FA (XD853A00) REGULATOR
IC105: NJM7815FA (XD854A00) REGULATOR
 - Transistor Q101, 104, 106: 2SC2240 GR, BL (IC224000)
Q108, 110, 111, 113: 2SC3298 (IC329840)
Q102: 108 110 111 113: 2SC3298 (IC329840)
Q103, 105, 107, 109, 112: 2SA970 GR, BL (IA097000)
 - Diode D103 - 106, 111: 10E-1 (IH001540)
D107 - 110, 112, 113: 1SS133 (IF003450)
 - Diode Stack D101: 1G4B1 1.5A 400V (IH001400)
D102: SZV820 2A 200V (IH001120)
 - Metal Film Resistor R101, 102, 106, 107: 15K 1/5W F (VA074600)
R103, 104, 108, 109: 12K 1/5W F (VB067600)
R111, 112, 114: 47K 1/5W F (VB068600)
 - Ceramic Cap. C106 - 113: 0.0047μ 500V M (HT23470)
 - Electrolytic Cap. C116, 117: 470μ 35V (UJ658470)
C120: 1000μ 25V (UJ849100)
 - Slide Switch SW101: SSP32204 (KA401280) MODE
 - Phone Jack JK103, 106: HLJ1520 (LB202300) INPUT CH A/B
 - XLB Connector JK101, 104: XLB 3-31PCV (LB302320) INPUT CHANNEL A, B
JK102, 105: XLB 3-32PCV (LB302340) INPUT CHANNEL A, B
 - Fuse F101, 102: T 1A 250V (KB000330) (J)
F103: T 2A 250V (KB000350) (J)
 - Speaker Terminal SP101: MSP202-1 (V1356300) CHANNEL A
SP102: MSP202-1 (V1314700) CHANNEL B