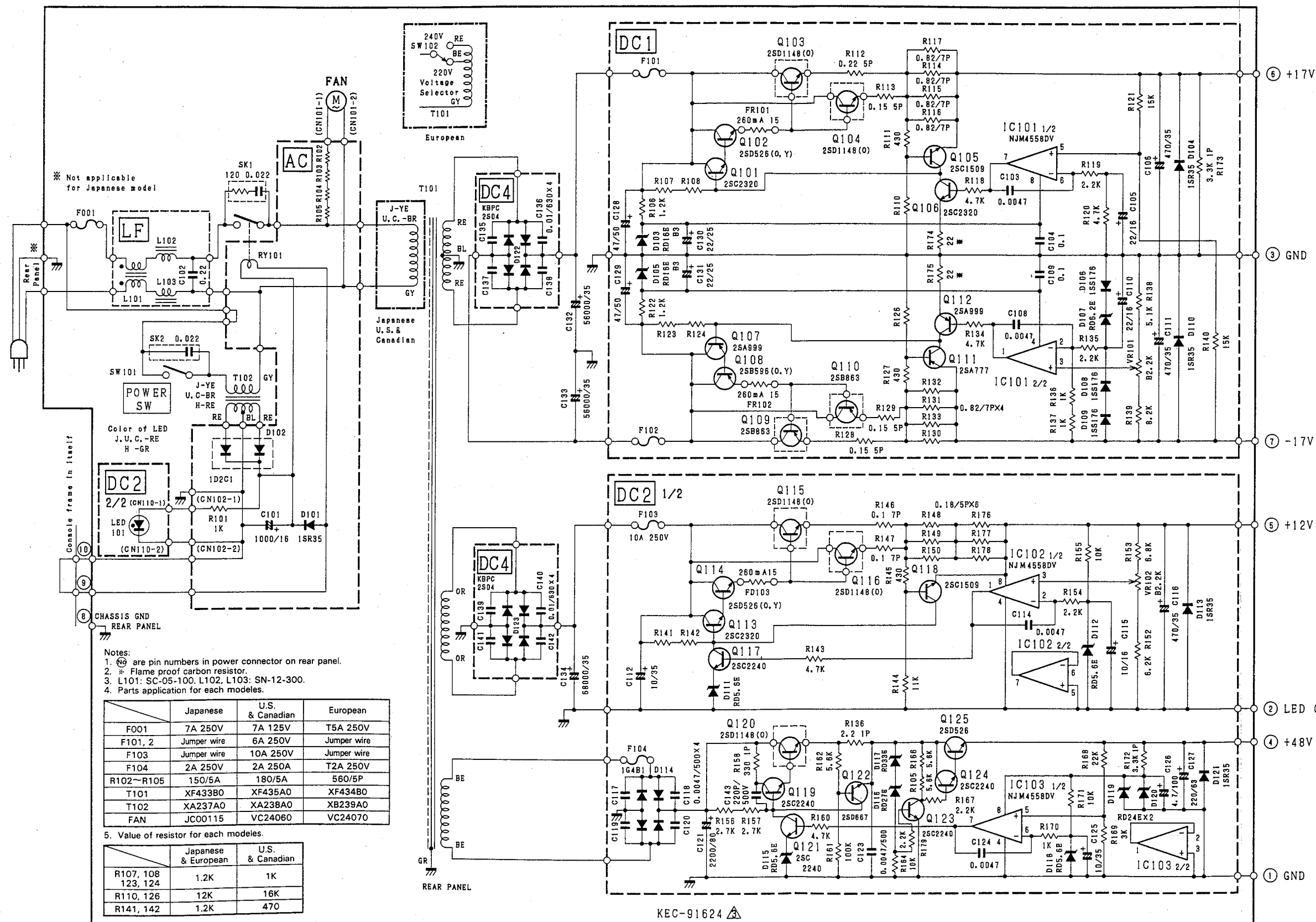


POWER SUPPLY PW2800



Notes:

- Circuit Board: DC1 (VG505300) XF436A J
- Circuit Board: DC1 (VG505500) XF436A U, C
- Circuit Board: DC1 (VG505600) XF436A H

1. IC
IC101: RC4558D-V (IG001390) OP AMP

2. Transistor
Q111: 2SA777 R (IA077750)
Q107, 112: 2SA999 E, F (IA099910)
Q108: 2SB596 O, Y (IB059630)
Q105: 2SC1509 R (IC150950)
Q101, 106: 2SC2320 E, F (IC232010)
Q102: 2SD526 O, Y (ID052630)

3. Diode:
D104, 110: 1SR35-100A (IH001430)
D106, 108, 109: 1SS176 (VA240700)

4. Zener Diode
D107: RD6.2EB2 6.2V (IF001470)
D103, 105: RD16EB3 16.0V (IF005680)

5. Flame Proof Carbon Resisto
22.0 1/4 J (HV354220)

6. Metal Oxide Film Resistor
3.3K 1W (HL316330)

7. Wire Wound Resistor
0.15 5W K (HM052150)
0.82 7W K (VG872000)

8. Fuse Resistor
FN11150J 15 1W (HW914150)

9. Trimmer Potentiometer
B2.2K 3P RHA0QJ3 (HT410400) 17V adj.

10. Fuse
T 6.00A 250V (KB001250) U, C

Notes:

- Circuit Board: DC2 (VG505900) XF437B J
- Circuit Board: DC2 (VG506000) XF437B U, C
- Circuit Board: DC2 (VG506100) XF437B H

1. IC
IC102, IC103: NJM4558D-V (IG001390) OP AMP

2. Transistor
Q118: 2SC1509 R (IC150950)
Q117, 119, 121, 123, 124: 2SC2240 GR, BL (IC224000)
Q113: 2SC2320 E, F (IC232010)
Q114, 125: 2SD526 O, Y (ID052630)
Q122: 2SD667 C, D (ID066700)

3. Diode
D113, 121: 1SR35-100A (IH001430)

4. Diode Stack
D114: 1G4B1 1.5A 400V (IH001400)

5. Zener Diode
D111, 112, 115, 118: RD5.6EB3 5.6V (IF001690)
D117: RD33EB2 33.0V (IF005650)
D116: RD27EB3 27.0V (IF005660)
D119, 120: RD24EB2 24.0V (IF005670)

6. LED
LED101: LN222RP RE (IF001720) J, U, C
LN322GP GR (IF002180) H

7. Metal Oxide Film Resistor
2.2 1W (HL313220)
330.0 1W (HL315330)
3.3K 1W (HL316330)

8. Wire Wound Resistor
0.1 7W K (VG872100)
0.18 5W K (VG872200)

9. Fuse Resistor
FN11150J 15 1W (HW914150)

10. Trimmer Potentiometer
VR102: B2.2K 3P RHA0QJ3 (HT410400) +12V adj.

11. Fuse
T 2.00A 250V (KB000350) J
T 2.00A 250V (KB001240) U, C
T 10.00A 250V (KB001390) U, C
T 2.00A 250V (KB000750) H

Notes:

- Circuit Board: DC4 (VA770200)

1. Diode Stack
KBPC25-04 20A (IH000390)

Notes:

- Circuit Board: LF (VD781300)

1. Ceramic Cap.
0.22 250V U.C.S (FR203220)

2. Coil
L101: SC-05-100 (GE801370)
L102, 103: SN-12-300 (VD781200)

3. Ceramic Cap.
0.022 250V S.U (FR164220)

4. Fuse
T 7.00A 250V (KB001300) J
T 7.00A 125V (KB001520) U, C
T 5.00A 250V (KB000780) H

Notes:

- Circuit Board: AC (VC171200) XB691B J
- Circuit Board: AC (VC171500) XB691B U, C
- Circuit Board: AC (VC171600) XB691B H

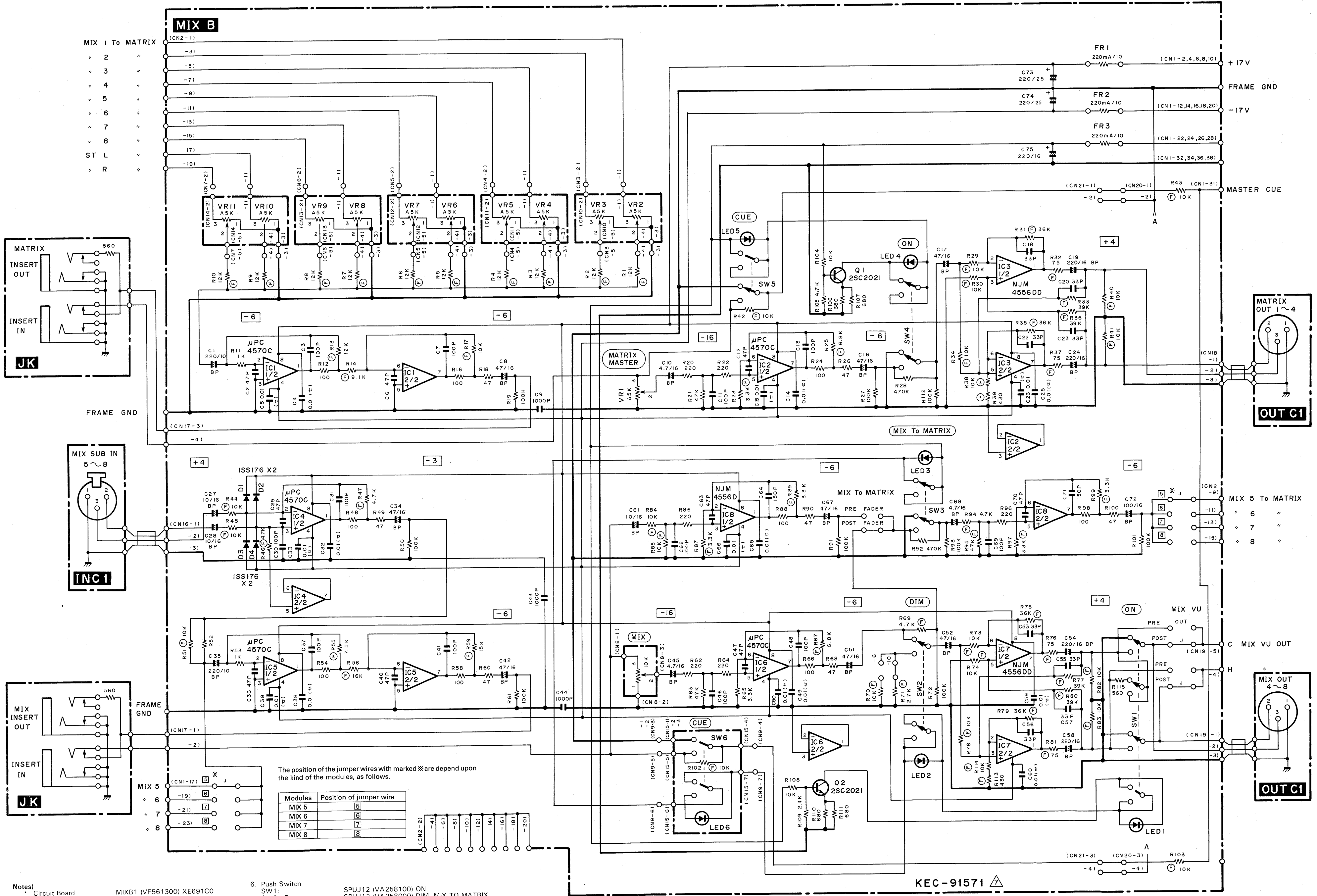
1. Diode
D101: 1SR35-100A (IH001430)

2. Diode Stack
D102: 1D2C1 2.0 200V (VB493200)

3. Wire Wound Resistor
560.0 5W K H (HM555660)

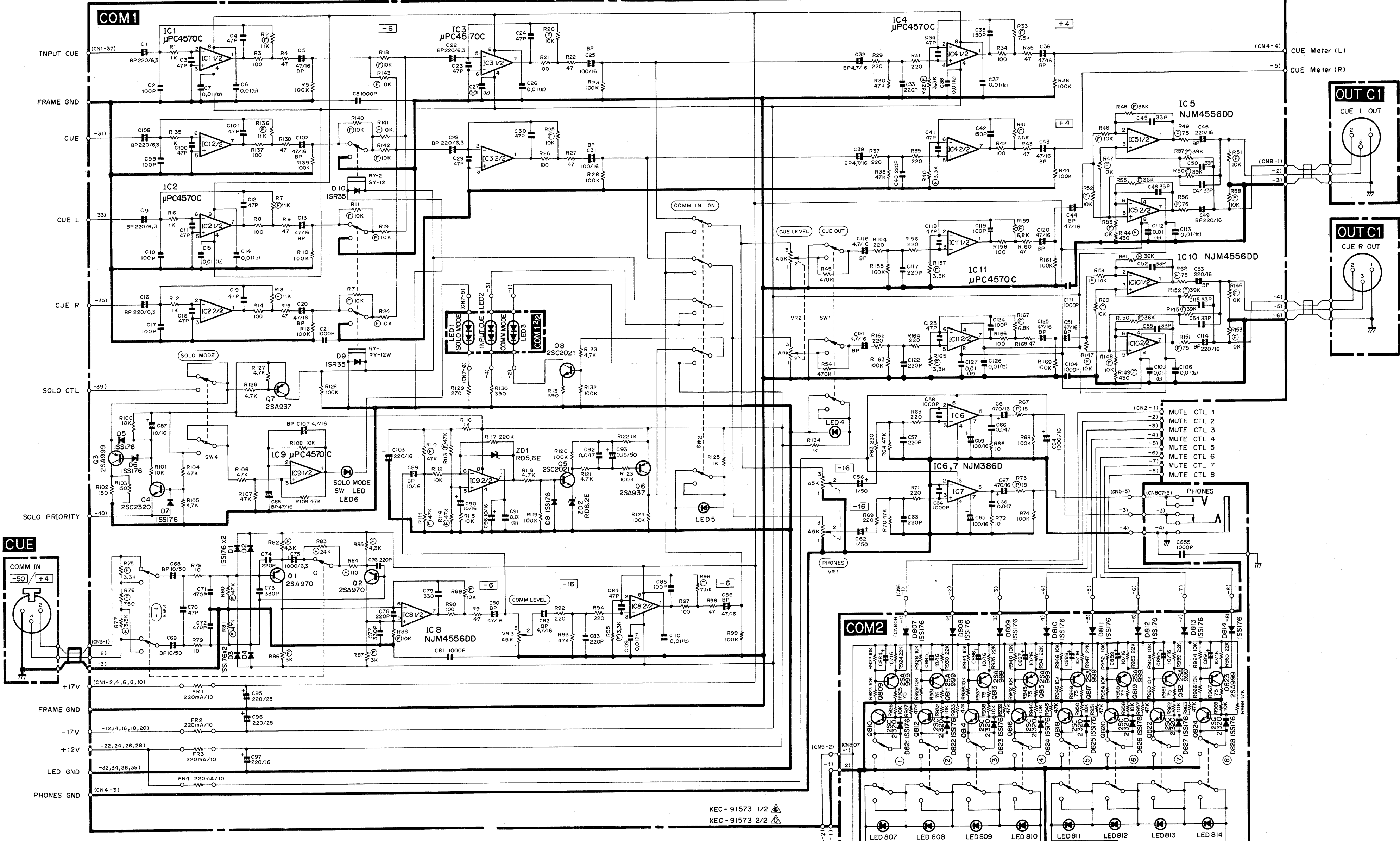
4. Relay
DC AR62217 (TV-5) (VA912700)

MIXB MODULE (MIXB, JK, INC1, OUTC1)



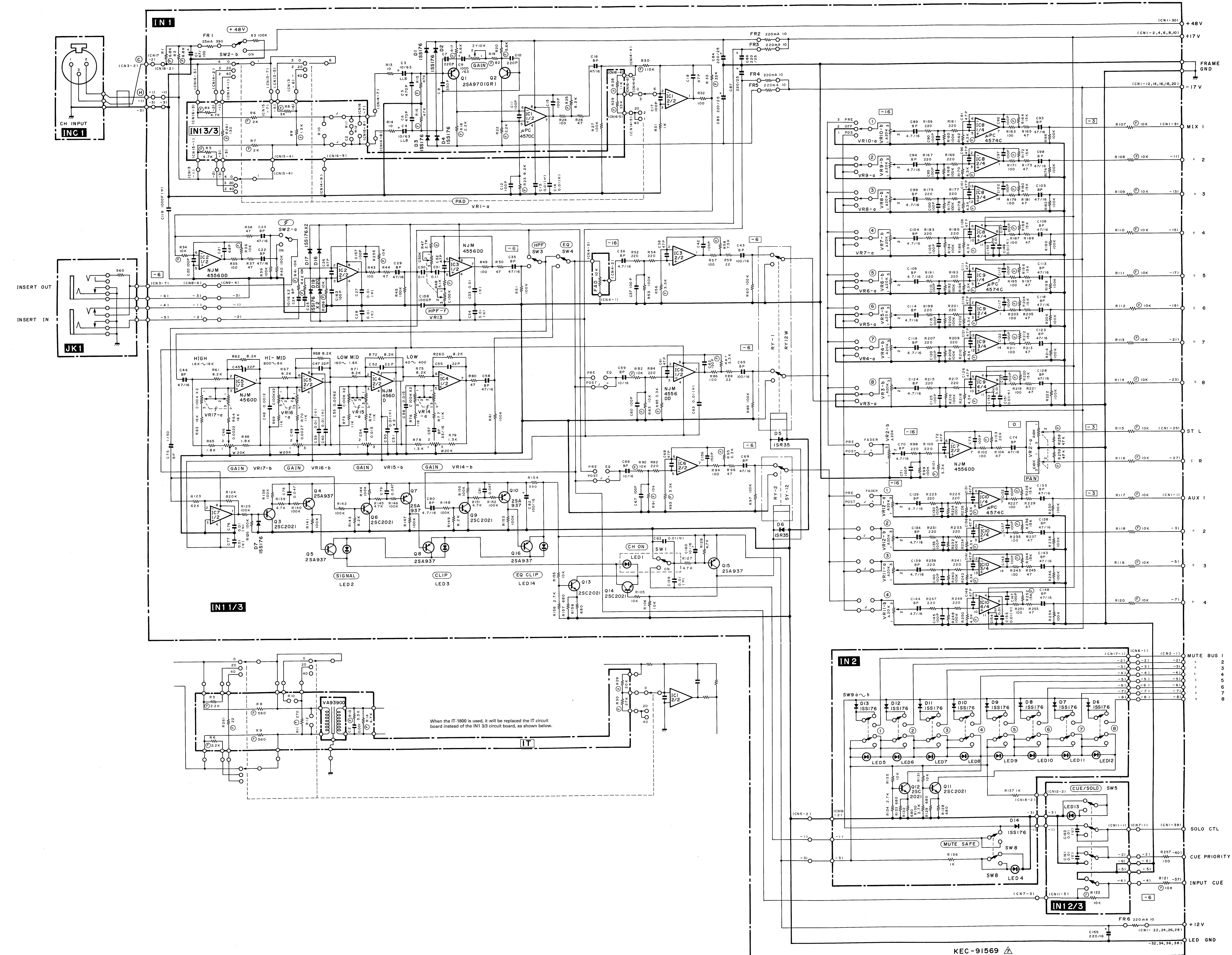
- Notes:
- 1. IC: IC1, 2, 4-6: IC3, 7, 8: 2SC2021 R, S (IC202170)
 - 2. Transistor: Q1, 2: 1SS133 (IF003450)
 - 3. Diode: D1-4: LED 2: 5.0K (VF228900) MATRIX MASTER 5.0K (VF229000) MIX1-8, ST L/R
 - 4. LED: LED 2: 5.0K (VF228900) MATRIX MASTER 5.0K (VF229000) MIX1-8, ST L/R
 - 5. Variable Resistor: VR1-11: 5.0K (VF228900) MATRIX MASTER 5.0K (VF229000) MIX1-8, ST L/R
 - 6. Push Switch: SW1: SW2-5: 10.0 1/2 K (HW904100)
 - 7. Fuse Resistor: FR1-3: 10.0 1/2 K (HW904100)
 - 8. Difference of MIXB1-4: MIXB1: MIXB2: MIXB3: MIXB4: 5: 6: 7: 8: VF561300: adapt MIXB1: adapt MIXB1: adapt MIXB1: adapt MIXB1
 - 9. SPUJ12 (VA258100) ON: SPUJ12 (VA258000) DIM, MIX TO MATRIX. MATRIX, CUE: SPUY12 (VC040500) CUE/SOLO
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 - 100. SPUY12 (VC040500) CUE/SOLO

COMM MODULE (COM1, COM2, CUE, OUTC1)



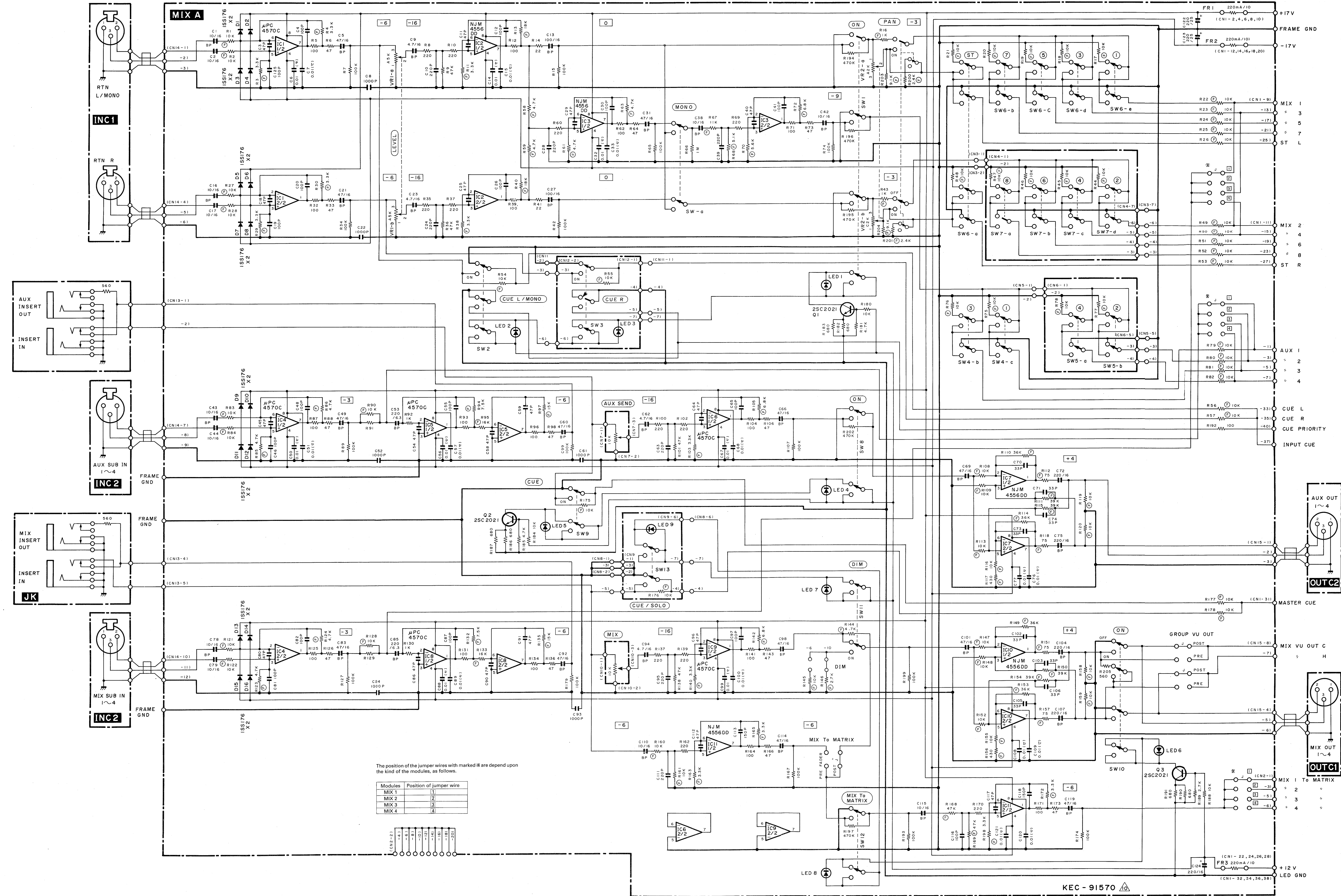
- Notes:
- 1. IC: IC1-4, 9, 11: IC5, 8, 10: IC6, 7: 2SC2021 R, S (IC202170)
 - 2. Transistor: Q1, 2: Q3: Q4: Q5, 8: Q6, 7: 2SA970 GR (IA097020) 2SA999 E, F (IA099910) 2SC2320 E, F (IC232010) 2SC2021 R, S (IC202170) 2SA937 Q, R, S (IA093700)
 - 3. Diode: D1-8: D9, 10: 1SS133 (IF003450) 1SR35-100A (IH001430)
 - 4. Zener Diode: ZD1: ZD2: RD5.6EB3 5.6V (IF001690) RD6.2EB2 6.2V (IF001470)
 - 5. LED Display: LED1: LED2: LED3: 5.0K (VF228900) PHONES, CUE LEVEL 5.0K (VF228900) COMM LEVEL
 - 6. Variable Resistor: VR1, 2: VR3: A5.0K x 2 (VF228700) PHONES, CUE LEVEL A5.0K (VF228900) COMM LEVEL
 - 7. Push Switch: SW1, 3: SW2: SW4: SPUJ12 (VA258100) CUE OUT ON, +4 SPUJ12 (VC081300) COMM IN ON SPUY12 (VC040500) SOLO MODE
 - 8. Relay: RY1: RY2: DC RY12W (KC001900) DC SY-12 (VA248100)
 - 9. Metal Oxide Film Resistor: R15: 15.0 1W J (VC728800)
 - 10. Fuse Resistor: FR1-4: 10.0 1/2 K (HW904100)
 - 11. LNO202RP2 (VA273400) SOLO LNO202YP4 (VA273600) INPUT CUE LNO202GP3 (VA273500) COMM IN
 - 12. LNO202YP4 (VA273600) INPUT CUE LNO202GP3 (VA273500) COMM IN
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 - 100. LNO202GP3 (VA273500) COMM IN

■ INPUT MODULE (IN1, IN2, INC1, JK1)



Notes:

- Circuit Board: IN1 (VF561100) XE68880
 - IC: IC1: PC4570C (XC520001) OP AMP
IC2: 3, 6, 7: NJM4556DD (XK503A00) OP AMP
IC4: 5: NJM4556DD (XG00000) OP AMP
IC8-10: PC4574C (XF971A00) OP AMP
 - Transistor: Q1, 2: 2SA970 GR (IA097020)
Q3, 6, 9, 13, 14: 2SC2021 R, S (IC202170)
Q4, 5, 7, 8, 10, 15, 16: 2SA937 Q, R, S (IA093700)
 - Diode: D1-4, 7, 17-20: 1SS133 (IF003450)
D5, 6: 1SR35-100A (IH001430)
 - LED: LED 2: LN322GP GR (IF002180) SIG
LED 3, 4: LN222PR RE (IF001720) CLIP
 - Variable Resistor: VR2: AC10K + A20K RK12 (VH593800) LEVEL/PAN
VR11, 12: A20K x 2 RK12 (VC294500) AUX1/2, 3/4
VR13: RK12K122 (VC042200) HPF
VR14-17: RK12 (VH609600) HIGH, HI MID, LO MID, LOW
 - Potentiometer with SW: VR1: RD10K SRBU23 (VD697000) GAIN/PAD
VR3-10: A20K SRBU13 (VD696700) 1-8
 - Push Switch: SW1: SPJ12 (VA257900) ON
SW2: SPJ12 (VC039900) +48V, 6
SW3, 4: SPJ12 (VA258000) EQ, HPF
SW5: SPJ12 (VA258300) CUE/SOLO
 - Relay: RY1: DC RY12W (KC001900)
RY2: DC SY-12 (VA248100)
 - Fuse Resistor: FR1: 390.0 1/4 (IHW295390)
FR2-6: 10.0 1/2 (IHW404100)
 - Jumper wires for altering PRE/POST: AUX 1, 2, 3 & 4 send controls
STEREO mix controls
AUX SEND
Primary MIX 1-8 controls & STEREO mix controls
- * Circuit Board: IN2 (VC085900) XB36480
- Transistor: Q11, 12: 2SC2021 R, S (IC202170)
 - Diode: D6-14: 1SS176 (VA240700)
 - LED: LED 1: LN242PR RE (VA262300) MUTE/SAFE
LED 5-12: LN442YP YE (VA247600) MUTE 1-8
 - Push Switch: SW8: SPJ12 (VA258000) MUTE/SAFE
SW9: SPJ12 (VA258400) MUTE1-8
- * Circuit Board: INC1 (VC086800) XB499A0
- Connector: 1. XLB-3-11 Jack (LB302320)
INPUT, AUX SUB IN, AUX RTN IN, MIX SUB IN
- * Circuit Board: JK1 (VA710400) XA258C0
- Phone Jack: 1. STEREO HLJ2335 (LB606940) INSERT



Notes

- * Circuit Board
- MIXA1-1 (VF561200) XE6890D
- IC
IC1, 4-6, 8, 9: μ PC4570C (KC520001) OP AMP
IC2, 3, 7, 10, 11: NJM4556DD (XE803A00) OP AMP
 - Transistor
Q1-3: 2SC2021 R, S IC202170
 - Diode
D1-16: 1SS133 (IF003450)
 - LED
LED 7: LN242RP RE (VA262300) DIM
 - Variable Resistor
VR1: A5.0K $\times$ 2 (VF228700) LEVEL
VR2: AC2.0K (VF228800) AUX BAL/PAN
 - Push Switch
SW1, 2, 10: SPUJ12 (VA258100) AUX RETURN ON, CUE L/MONO, ON
SW4: (VH305700) AUX1-3 MONO
SW6: SPUJ50 (VF229100) 1-3 S 7-ST
SW8, 9, 11, 12: SPUJ12 (VA258000) AUX SEND ON, CUE, DIM, MIX 10 MATRIX
SW13: SPUJ12 (VC040500) CUE/SOLO
7. Difference of MIXA1 1-4
- | J | Part number |
|-----------|---------------|
| MIXA1-1 ① | VF561200 |
| MIXA1-2 ② | adapt MIXA1-1 |
| MIXA1-3 ③ | adapt MIXA1-1 |
| MIXA1-4 ④ | adapt MIXA1-1 |
8. Jumper wires for altering PRE/POST
* MIX to MATRIX & ST to MATRIX
* MIX OUT meter function
- * Circuit Board
- MIXA2 (VF560800) XE6908D
- Push Switch
SW3: SPUJ12 (VA258100) CUE R
SW5: SPUJ20 (VH098900) AUX2-4
SW7: SPUJ40 (VF229200) 2-4 6-8
 - Metal Film Resistor
R44-47, 55, 77, 78: 10.0K 1/6 F (VC824900)
- * Circuit Board
- JK (VC087000) XB501A0
- Phone Jack:
STEREO HLJ235 (LB606940) INPUT
- * Circuit Board
- INC1 (VC086800) XB499A0
- Connector:
XLB-3-11 Jack (LB302320)
INPUT, AUX SUB IN, AUX RTN IN, MIX SUB IN
- * Circuit Board
- OUTC1 (VC086900) XB500A0
- Connector:
XLB-3-32 Jack (LB302340)
MIX OUT, ST OUT, CUE OUT, MATRIX OUT, OSC OUT, TB OUT
- * Circuit Board
- OUTC2 (VG468900) XC285A0
- Connector:
XLB-3-32 Jack (LB302340)
AUX OUT