SP-12 PREAMPLIFIER

SCHEMATIC

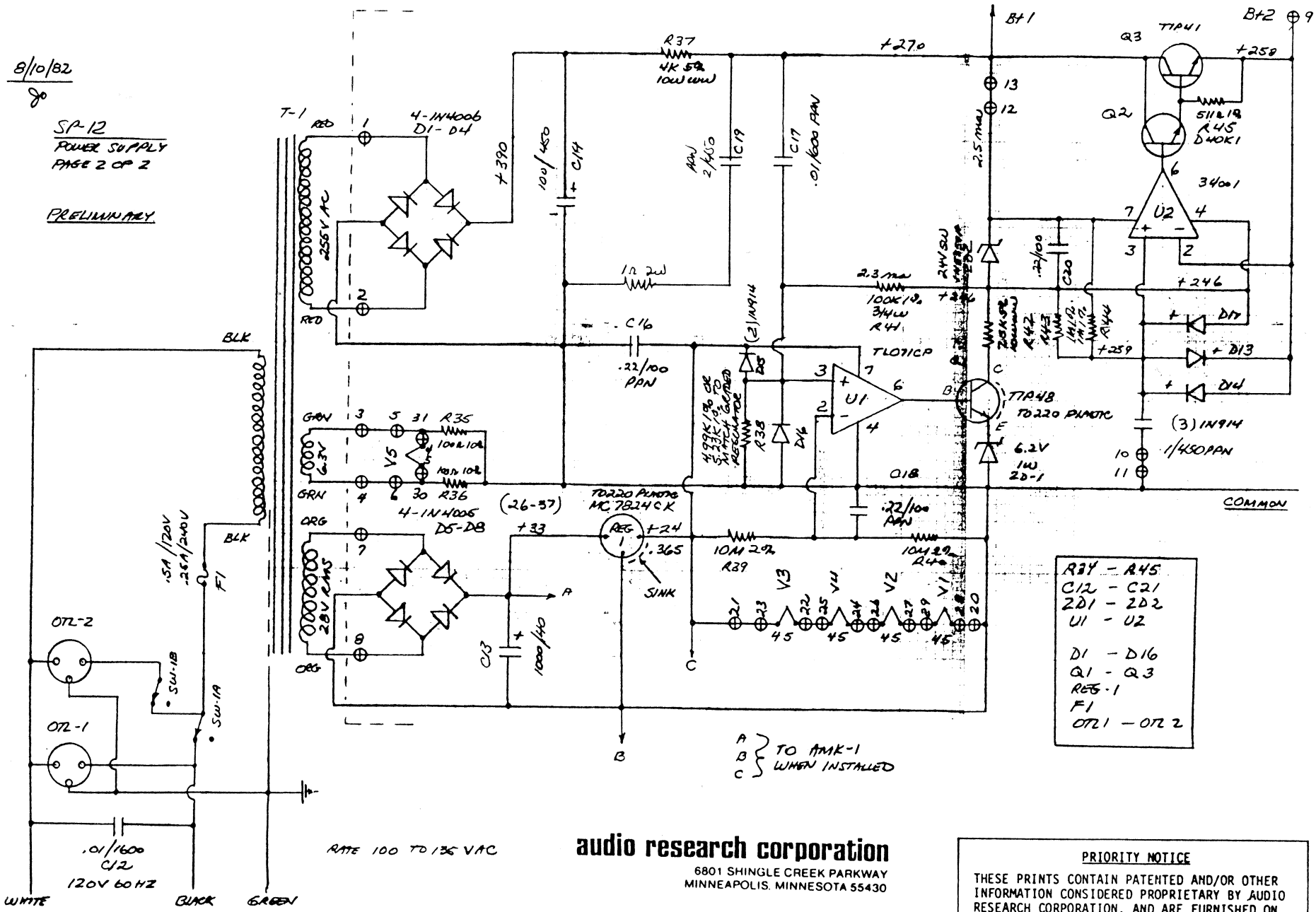
8-10-82

audio research corporation
6801 SHINGLE CREEK PARKWAY
MINNEAPOLIS, MINNESOTA 55430

8/10/82

SP-12
POWER SUPPLY
PAGE 2 OF 2

PRELIMINARY



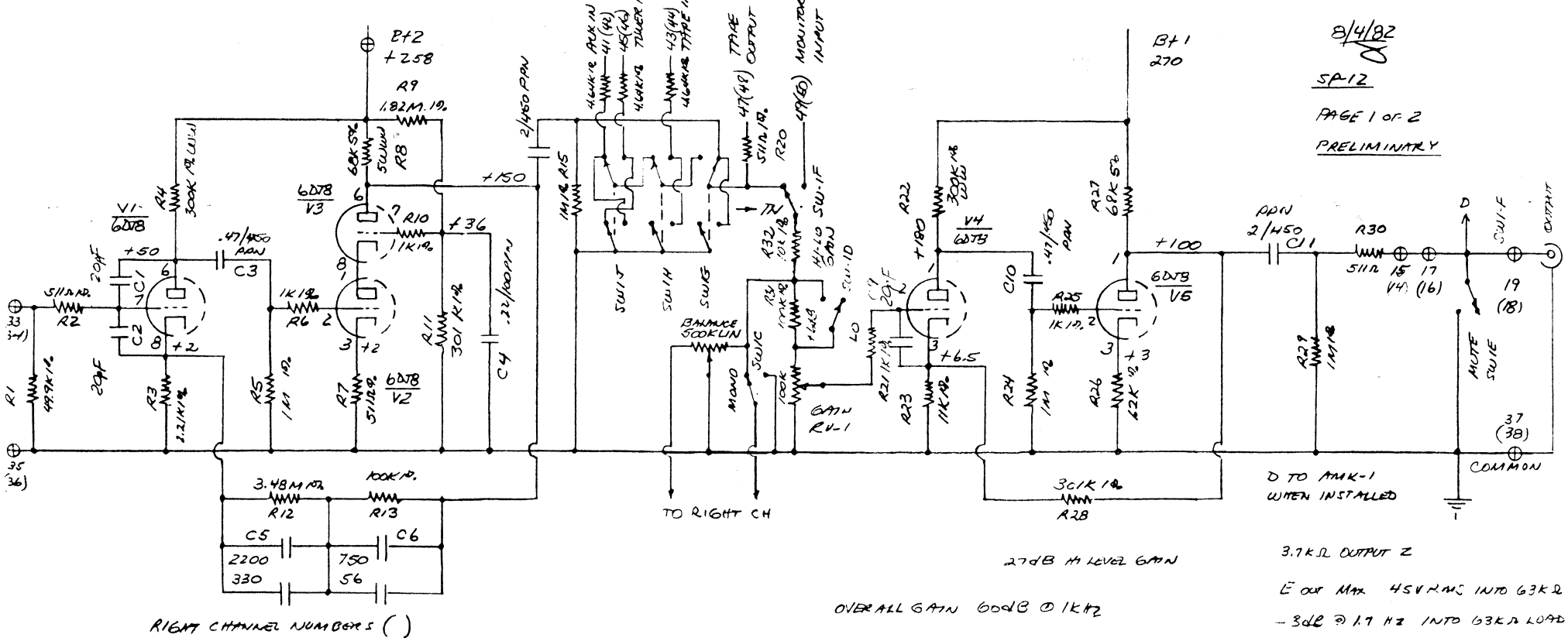
R37 - R45
C12 - C21
ZD1 - ZD2
U1 - U2

D1 - D16
Q1 - Q3
REG-1
F1
OTL1 - OTL2

audio research corporation
6801 SHINGLE CREEK PARKWAY
MINNEAPOLIS, MINNESOTA 55430

PRIORITY NOTICE

THESE PRINTS CONTAIN PATENTED AND/OR OTHER INFORMATION CONSIDERED PROPRIETARY BY AUDIO RESEARCH CORPORATION, AND ARE FURNISHED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY



8/4/82

SP-12

PAGE 1 OF 2

PRELIMINARY

R1 - R33
C1 - C11
V1 - V5
SW1C - SW1F

audio research corporation

6801 SHINGLE CREEK PARKWAY
MINNEAPOLIS, MINNESOTA 55430

PRIORITY NOTICE

THESE PRINTS CONTAIN PATENTED AND/OR OTHER INFORMATION CONSIDERED PROPRIETARY BY AUDIO RESEARCH CORPORATION, AND ARE FURNISHED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY

audio research
HIGH DEFINITION®
3900 ANNAPOLIS LANE NORTH / PLYMOUTH, MINNESOTA 55447-5447 / PHONE: 763-577-9700 FAX 763-577-0323

SP12 PARTS LIST

Q1	1	TIP48	30005600
Q2	1	D40K1	30005200
Q3	1	T1P41	30005000
Q4	1	244401	30002800
V1,2	2	TLO71	31001900
V3	1	MC1455	31000800
SW1	1	9 Button Switch	24200500
D1-4	4	IN4006	30502200
D5-12, 19	9	IN4005	30500400
D13-18	6	IN914	30500900
ZD1	1	IN5234	30502100
ZD2	1	IN5359	30503500
ZD3	1	IN4749	30502500
OTL1,2	2	AC outlets	23201300
J1-14	14	RCA Jack	23201000
F1	1	.5 amp fuse	34500200
V1-5	5	6DJ8	32001100
RY1	1	Relay	64100200
T1	1	Pwr Xfmr	60005102
VR1	1	24v Reg.	31001200
R1	2	49.9k	42499403
R2, 7,16,20,30,45	11	511 ohm	42511202
R3	2	2.21k	42221303
R4,22A,22B	6	300k	43300501
R5,15,24,29,43,44	10	1 meg	42100602
R6,10,21,25	8	1k	42100302
R8	2	68k	46680401
R9	2	1.82 meg	42182603
R11	2	301k	42301502
R12	1	3.01 meg	42301603
R13	2	100k	42100503
R17,18,19	6	4.64k	42464302
R23	2	11k	42110403

R26	2	1.5K	42150302
R27	2	62k ww	43620400
R28	2	301k	42301504
R31	2	100k	42100502
R32	2	10k	42100402
R34	1	1.0 ohm	43100002
R35,36	2	38.3 ohm	42383103
R37	1	4k 10w	43400301
R38	1	5.11k	42511302
R39,40	2	10 meg	46100702
R41	1	100k 3/4w	42100504
R42	1	7.5k ww	43750301
R46	1	681 ohm	42681202
R47	1	1.8 k	41180302
R48	1	1 meg	41100602
R49	1	22k	41220402
R33	2	475k	42475503
RV1	1	100k pot	45100528
RV2	1	500k pot	45500523
C1,2	4	20pF	57200100
C3,10	4	.47uF	53470509
C4,16,18,20	5	.22uF	53220506
C5A	2	2200pF	53220302
C5B	2	330pF	53330200
C6A	2	750pF	53750200
C6B	2	39pF	57390100
C7,11,19	5	2.0uF	53200602
C9	2	100pF	53100201
C12	1	.01/1600v	53100403
C13	1	1000uF	50100904
C14	1	100uF	50100802
C15	1	1000uF	50100905
C17	1	.01uF	53100405
C21	1	1.0uF	53100607
C22	1	10uF	51100700
C23	1	33uF	51330700
C24	1	6000uF	50600900

12-10-01