

NAD SERVICE MANUAL

MONITOR SERIES

1600

PREAMPLIFIER/TUNER

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REAR PANEL CONNECTIONS

1. AC LINE CORD

4. FM ANTENNA INPUT

7. INFRASONIC FILTER

10. CD INPUT

13. EPL INPUT/OUTPUT
2. AC OUTLETS

5. PHONO GROUND

8. MM/MC SELECTOR

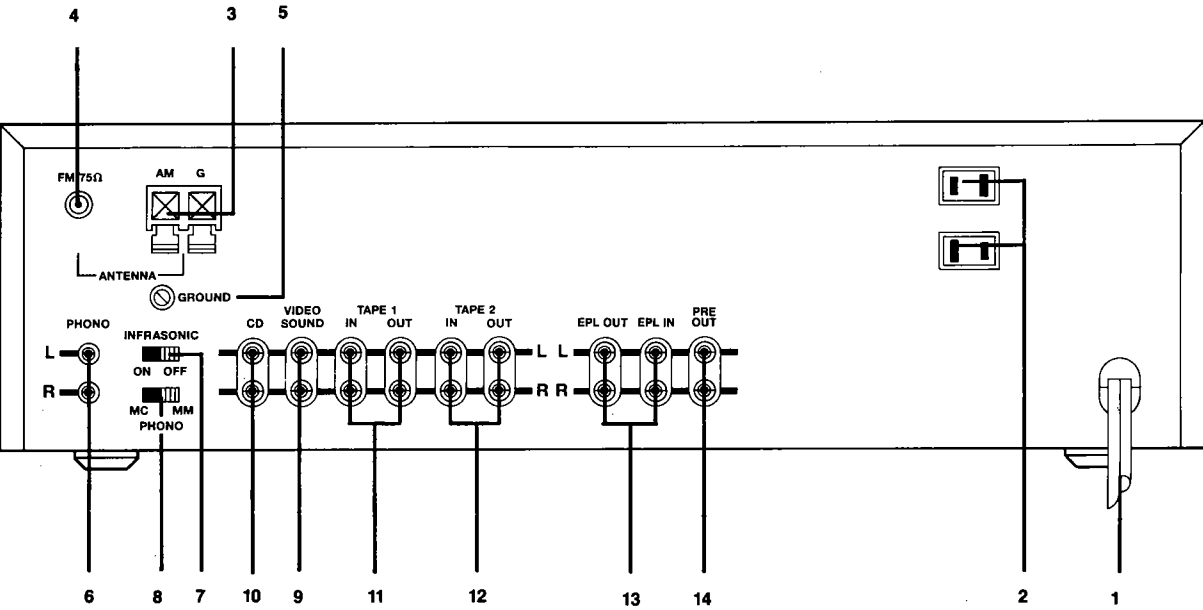
11. TAPE 1 INPUT/OUTPUT

14. PRE OUT
3. AM ANTENNA TERMINALS

6. PHONO INPUT

9. VIDEO SOUND INPUT

12. TAPE 2 INPUT/OUTPUT



FRONT PANEL CONTROLS

1. POWER

5. LOUDNESS

9. COPY

13. BALANCE

17. DISPLAY

21. MONO

24. STATION PRE-SETS
2. PHONES

6. BASS

10. TAPE 1, TAPE 2

14. VOLUME

18. STATUS INDICATORS

22. MEMORY ENTER
3. EPL

7. TONE DEFEAT

11. INPUT SELECTOR

15. SEARCH MODE

19. FM BLEND

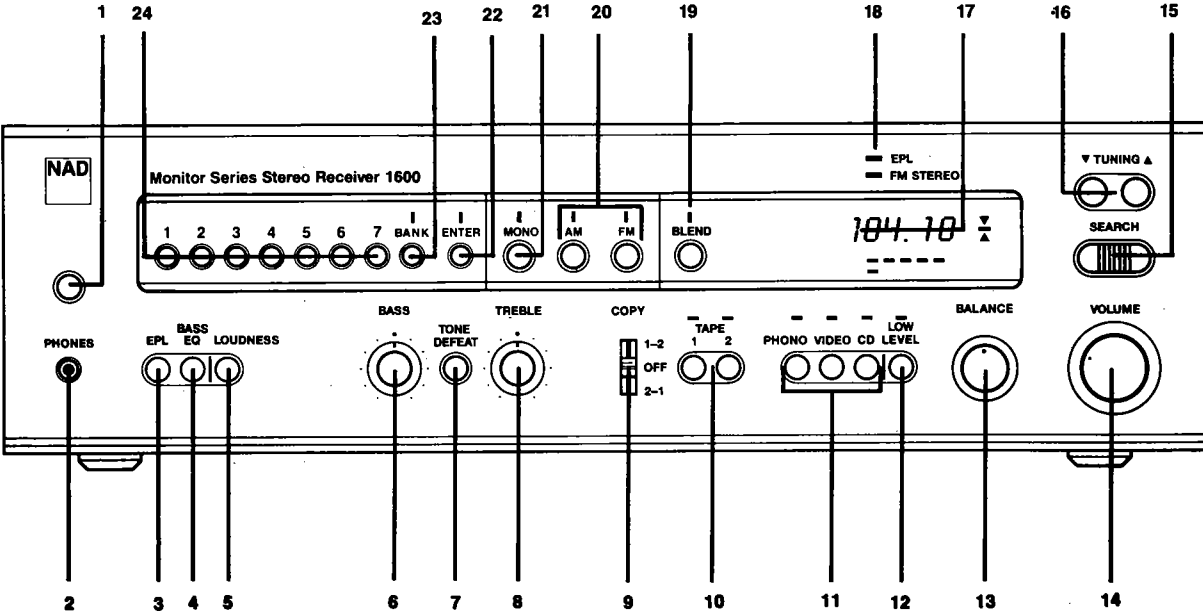
23. BANK SELECTOR
4. BASS EQ

8. TREBLE

12. LOW LEVEL

16. TUNING

20. FM/AM



NAD 1600 PREAMPLIFIER/TUNER SPECIFICATIONS

MEASURED IN ACCORDANCE WITH EIA STANDARD RS-490 (IHF A-202)
FOR AMPLIFIERS AND ANSI-IEEE STANDARD 185 (1975) i.e.
IHF T-200 FOR TUNERS.

PREAMPLIFIER SECTION

Phono Input	
Input impedance (R and C)	MM & MC: 47 kohm + 100 pF
Input sensitivity ref. 0.5 V 1kHz	MM: 1.3 mV
	MC: 0.1 mV
Input overload at 20 Hz/1 kHz/ 20 kHz	MM: 20 mV/180 mV/1.5 V
	MC: 1.3 mV/13 mV/100 mV
Signal/Noise ratio	MM: 75 dB ref. 5 mV
(A-weighted with cartridge connected)	MC: 75 dB ref. 0.5 mV
THD (20 Hz - 20 KHz) and IMD at +30 dB level	<0.04%
RIAA response accuracy	±0.5 dB

Line Level Inputs (CD, Video, Tape)

Input impedance (R and C)	50 kohm + 500 pF
Input sensitivity ref. 0.5 V	80 mV
Maximum input signal	10 V
Signal/Noise ratio, A-weighted	100 dB ref. 0.5 V
Frequency response (20 Hz-20kHz in tone defeat mode)	±0.2 dB

Line Level Outputs

Output impedance	Pre-amp 600 ohms
	Tape 100 ohms (buffered)
	EPL 2000 ohms
	Phones 120 ohms
Maximum output level	Pre-amp > 10 V
	Tape > 10 V
	Phones > 8 V into 600 ohms
	> 250 mV into 8 ohms
Tape output infrasonic filter	-3 dB at 12 Hz, 12 dB/octave

Controls

Treble	±9 dB at 10 kHz
Bass	±10 dB at 50 Hz
Bass EQ	+3 dB at 55 Hz
	+6 dB at 36 Hz
Infrasonic filter (switchable)	-3dB at 12 Hz
	12 dB/octave
Low level (audio muting)	-20 dB

FM TUNER SECTION

Input sensitivity	Mono, -30 dB THD+N	dBf	uV into 75 ohm
	Mono, 50 dB S/N	11	1.0
	Stereo, 50 dB S/N	14	1.4
	Stereo, 60 dB S/N	36	17
		46	55
Capture ratio (45 to 85 dBf)		<1.6 dBf	
AM rejection (45 to 85 dBf)		> 60 dB	
Selectivity	Alternate channel		68 dB
	Adjacent channel		6 dB
Image rejection			>80 dB
R.F. intermodulation			>60 dB
SCA rejection			70 dB
Subcarrier suppression			60 dB (19 and 38 kHz)
De-emphasis			75 μs
THD at 100% modulation	Mono, 1 kHz		<0.1%
	100 Hz-6 kHz		<0.2%
	Stereo, 1 kHz		<0.1%
	100 Hz-6 kHz		<0.3%
Signal/Noise ratio	Mono		82 dB
	Stereo		76 dB
Frequency response, 30 Hz-15 kHz			±0.5 dB
Stereo separation	1 kHz		50 dB
	30 Hz-10 kHz		35 dB

AM SECTION

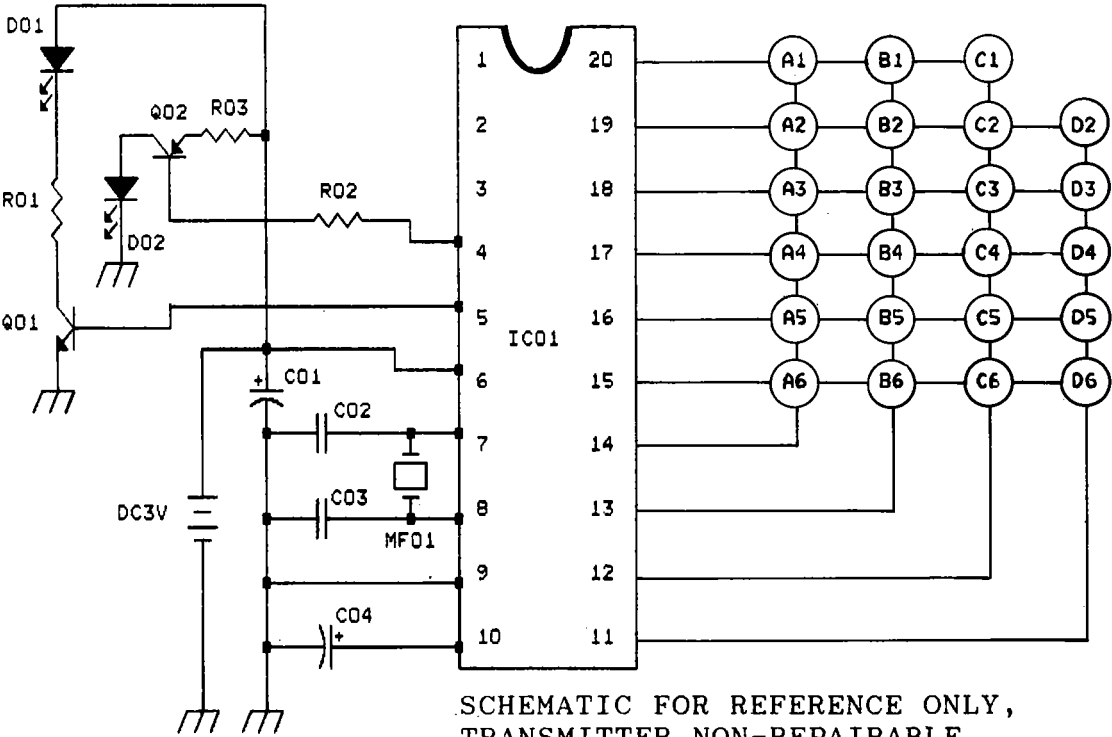
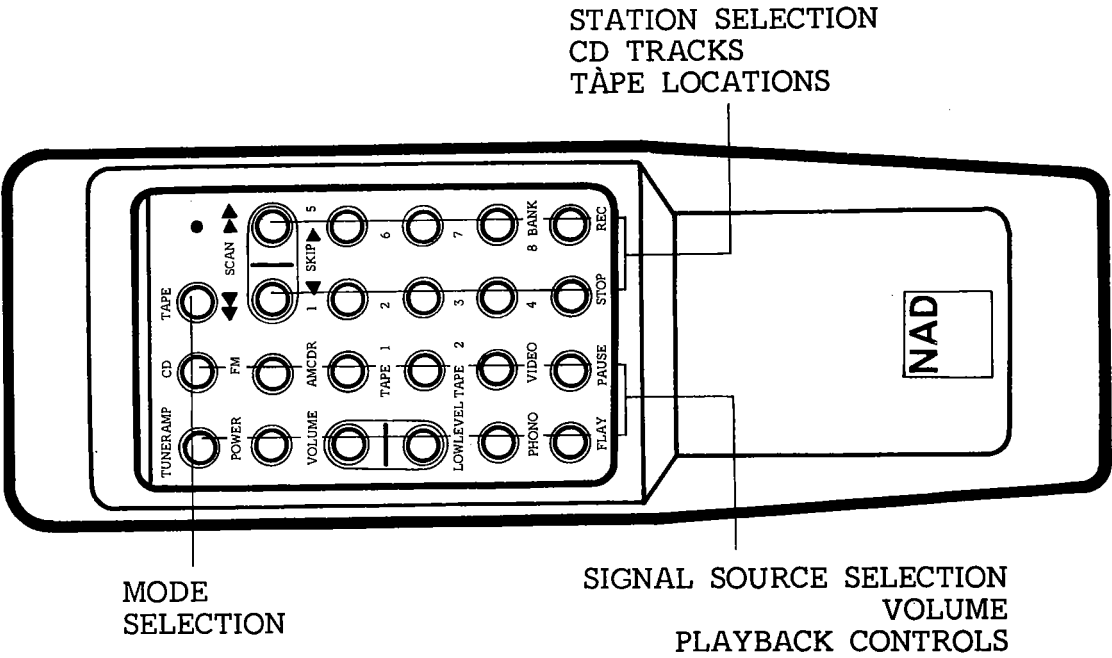
Usable sensitivity	5 μV
Selectivity	35 dB
Image rejection	50 dB
I.F. rejection	35 dB
Signal/Noise ratio (30% modulation, 50 mV input)	45 dB
THD	0.5%

Dimensions (Width x Height x Depth)

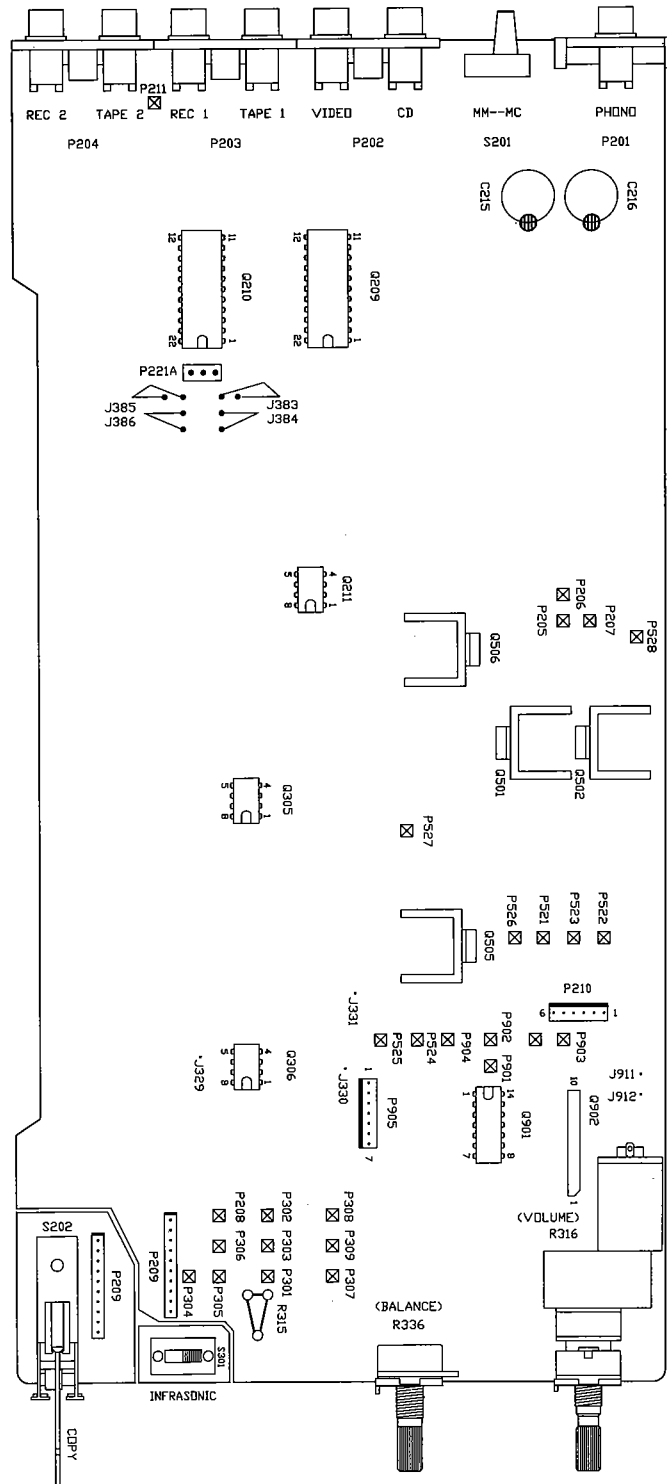
	43.5 x 11 x 38.9 cm
	(17.1 x 4.35 x 15.3 in.)
Net Weight	6.25 Kg (13 lb 12 oz.)
Shipping Weight	7.8 Kg (17 lb 3 oz.)
Power Consumption	30 W

Specifications are those in effect at the time of printing. NAD reserves the right to change specifications or designs at any time without notice.

REMOTE CONTROL TRANSMITTER



PREAMPLIFIER ADJUSTMENT POINTS

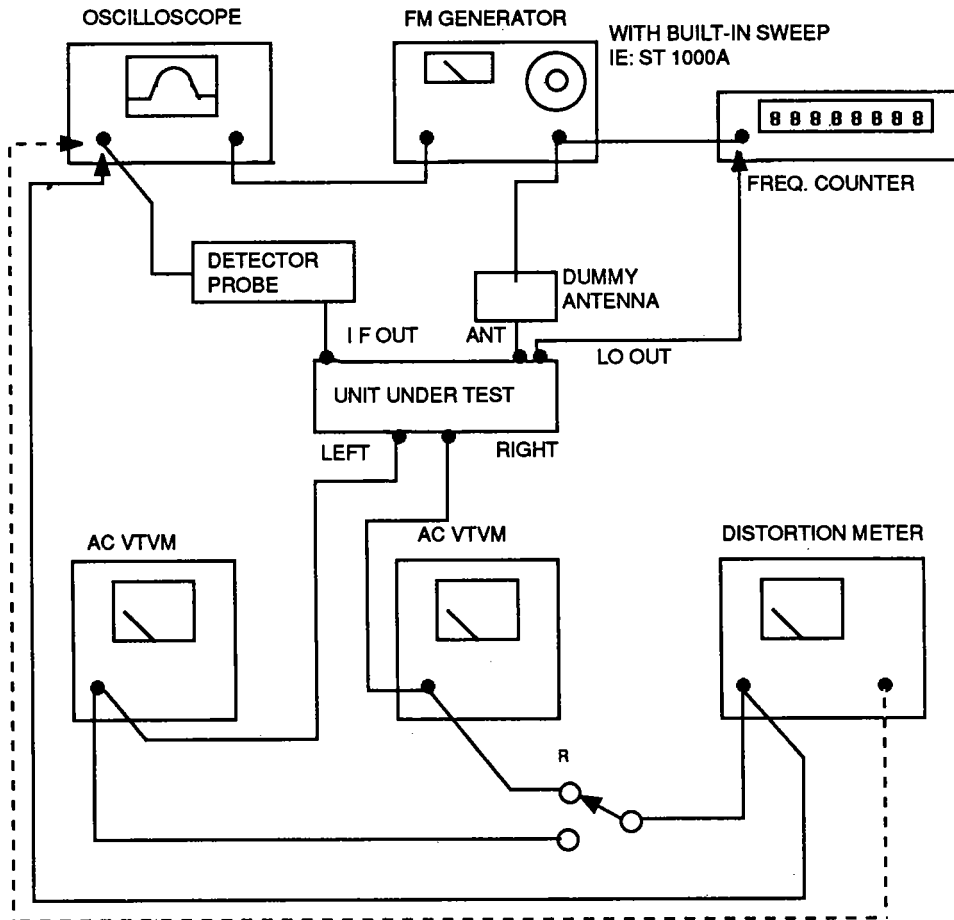
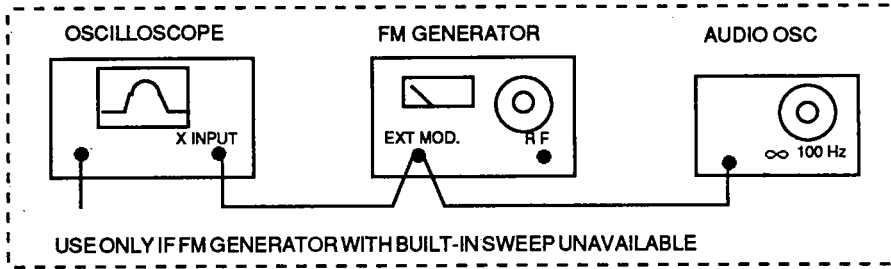


PREAMPLIFIER ADJUSTMENT

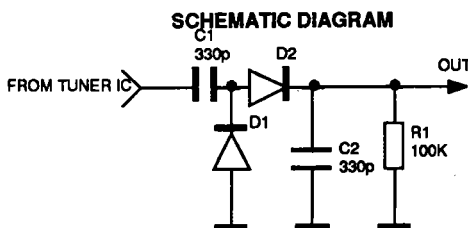
A. CHANNEL BALANCE

1. Feed 1kHz, 100mV to CD input; connect AC VTVM's to preamp output.
2. Set volume to maximum, balance to center, low level off.
3. Adjust R-315 so that both channels have same output level $\pm 0.25\text{dB}$.

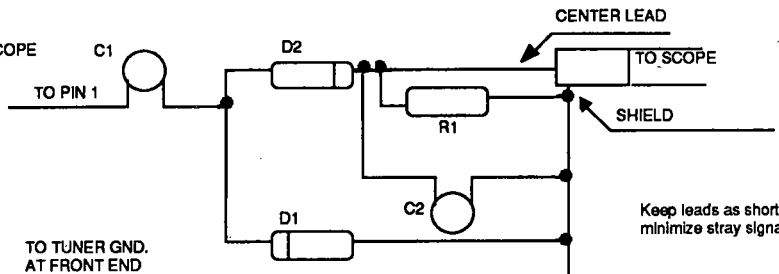
SUGGESTED INSTRUMENTATION HOOKUP- FM ALIGNMENT



DETECTOR PROBE



PICTORIAL DIAGRAM



Keep leads as short as possible, to minimize stray signal pickup.

Diodes should be point-contact germanium: some types commonly available are:

OA80
OA81
AA119
1N60
1N34
1N22

INDUCTOR TEST PROBE

THIN BRASS,
2x10 mm approx

2.5mm APPROX
WOOD OR PLASTIC

FERRITE
2-3 mm DIA

BRASS, FERRITE
FROM RF COIL.
FASTEN WITH
GLUE.

FM ALIGNMENT

NECESSARY INSTRUMENTATION:

- * Stereo Modulator (less than 0.05% THD, more than 50dB Sep.)
- * FM Generator (less than 0.05% THD)
- * 75 ohm Dummy Antenna (if needed by generator)
- * Audio Oscillator (not necessary if FM generator has built-in sweep, e.g., SOUND TECHNOLOGY ST 1000A or ST 1020A)
- * 2 AC VTVM's (or one with a Left/Right switch)
- * THD Analyzer (resolution less than 0.1%)
- * Oscilloscope (5mV or better sensitivity, X-Y capability)
- * Frequency Counter
- * Diode Detector Probe
- * Ferrite/Brass inductor test probe

IMPORTANT NOTES

- 1) RF levels are at antenna input.
- 2) Before aligning, select FM, switch off MONO.
- 3) If FM Generator is not synthesizer-type, be sure to check its frequency with Frequency Counter When adjusting detector and stereo decoder circuits.
- 4) Hum in measurements may be caused by ground loop via antenna cable; if so, use isolation balun, or isolate cable shield and hot with small capacitors (470 ~ 1000pf).
- 5) To adjust front-end coils, bend gently with wooden or plastic tool (non-interactive).
- 6) ENTER the following frequencies: 90.00, 105.00, 87.50, 108.00, 98.00

A. LOCAL OSCILLATOR FREQUENCY

1. Connect Frequency Counter between front-end pin 8 (front-most) and Ground.
2. Tune to 90 MHz (No RF input needed).
3. Adjust C-934 so that reading is $100.700\text{MHz} \pm 2\text{KHz}$.
4. Remove counter.

B. TUNING VOLTAGE

1. Connect DMM between P-936 and Ground.
2. Tune to 108.00MHz, and adjust L-7 if reading is not $20.0\text{V} \pm 0.5\text{V}$
3. Tune to 88.00MHz, and check that reading is $3.0\text{V} \pm 0.5\text{V}$
4. Repeat until within tolerance.

C. TRACKING

1. Connect FM Generator to 75 ohm antenna input (modulate $\pm 150\text{kHz}$ sweep) and Detector Probe to Pin 1 of Q106 (ground to tuners shield).
2. Adjust vertical sensitivity of Oscilloscope to maximum, and set to X-Y mode. (X input is sweep signal, Y is detector probe).
3. Tune to 105MHz and adjust generator so that curve appears on Oscilloscope, and covers approximately 1/2 of display.
4. Check L2, L3, L4 with ferrite/brass probe, adjust only if probe causes curve height to increase more than 10%. If necessary, reduce generator output to keep entire curve on display.

5. Tune to 90MHz and adjust Generator so that curve appears on Oscilloscope.
6. Check L2, L3, L4 again; if necessary, distribute any error between both frequencies.

Note: 105MHz curve is typically slightly higher than 90MHz.

D. IF ADJUSTMENTS

1. Tune to approximately 98MHz (must be an unoccupied frequency), and adjust FM Generator to display curve on the oscilloscope.
2. Adjust I-1 and I-101 for maximum and symmetrical curve using as little RF input signal as possible.
3. Remove detector probe.

E. DETECTOR ADJUSTMENT

1. Remove Detector Probe, and connect Tape Output to Distortion Analyzer and Oscilloscope.
2. Connect DMM between P-703 (-) and P-704 (+).
3. Tune to 98MHz and feed 1000uV from FM Generator (Modulate 1kHz 100%, Mono).
4. Adjust I-102 Secondary (front) for lowest THD. Specification: less than 0.1%
5. Adjust L-102 Primary (rear) for $0V \pm 50mV$ reading on DMM.
6. Repeat until no further improvement.

F. STEREO DISTORTION & SEPARATION

1. Tune to 98MHz and feed 1000uV from FM Generator. Modulate 1kHz, 100% left (or right) only.
2. Adjust I-1 just slightly so that distortion on left (or right) channel becomes minimum.
3. Check stereo distortion, wide IF; Specification: less than 0.1% , L + R, L only, R only, L - R.
4. Set IF to wide and modulate L only. Adjust R-176 for minimum output on right channel.
Next, modulate R only and adjust R-176 for minimum output on left channel.
If necessary, readjust R-176 so that readings become same on both channels. Specification: less than -45dB.

G. AUTO SEARCH LEVEL

1. Set IF to wide. Connect DMM between P-935 and Ground.
2. Set FM Generator output to 10uV and adjust R-144 so that reading just goes from 0 V to 4.4V. Tolerance: $\pm 2uV$.

H. STEREO SWITCHING LEVEL

1. Set FM Generator output to 5uV, 1kHz 100% L + R.
2. Adjust R-148 so that the stereo light just turns on. Tolerance: ± 1 uV.

NOTE: The tuner will switch into mono at a lower level, typically 4uV.

I. SIGNAL METER LEVEL

1. Set FM Generator output to 500 uV
2. Adjust R-141 so that fifth LED just lights.

J. MULTIPLEX FILTERS

1. Set FM Generator output to 1000uV, 1kHz 100% L + R, and set reference for S/N measurement. Cancel the stereo modulation and leave pilot tone.
2. Adjust Z-111 (Z-112)(rear slug) for minimum subcarrier output on left (right) channel; Specification: less than -60dB.
3. Reduce FM Generator output so that S/N ratio reads 50dB.(Approx 18uV)

AM ALIGNMENTS

A. TUNING VOLTAGE

1. Connect DMM between P-936 and Ground.
2. Tune to 1600(1602)KHz. Enter into Preset 2. Adjust C-137 for reading of $8.1V \pm 0.5V$.
3. Tune to 520(522)kHz. Enter into Preset 1. Adjust L-102 for reading of $1.0V \pm 0.1V$.
4. Repeat until within tolerance.

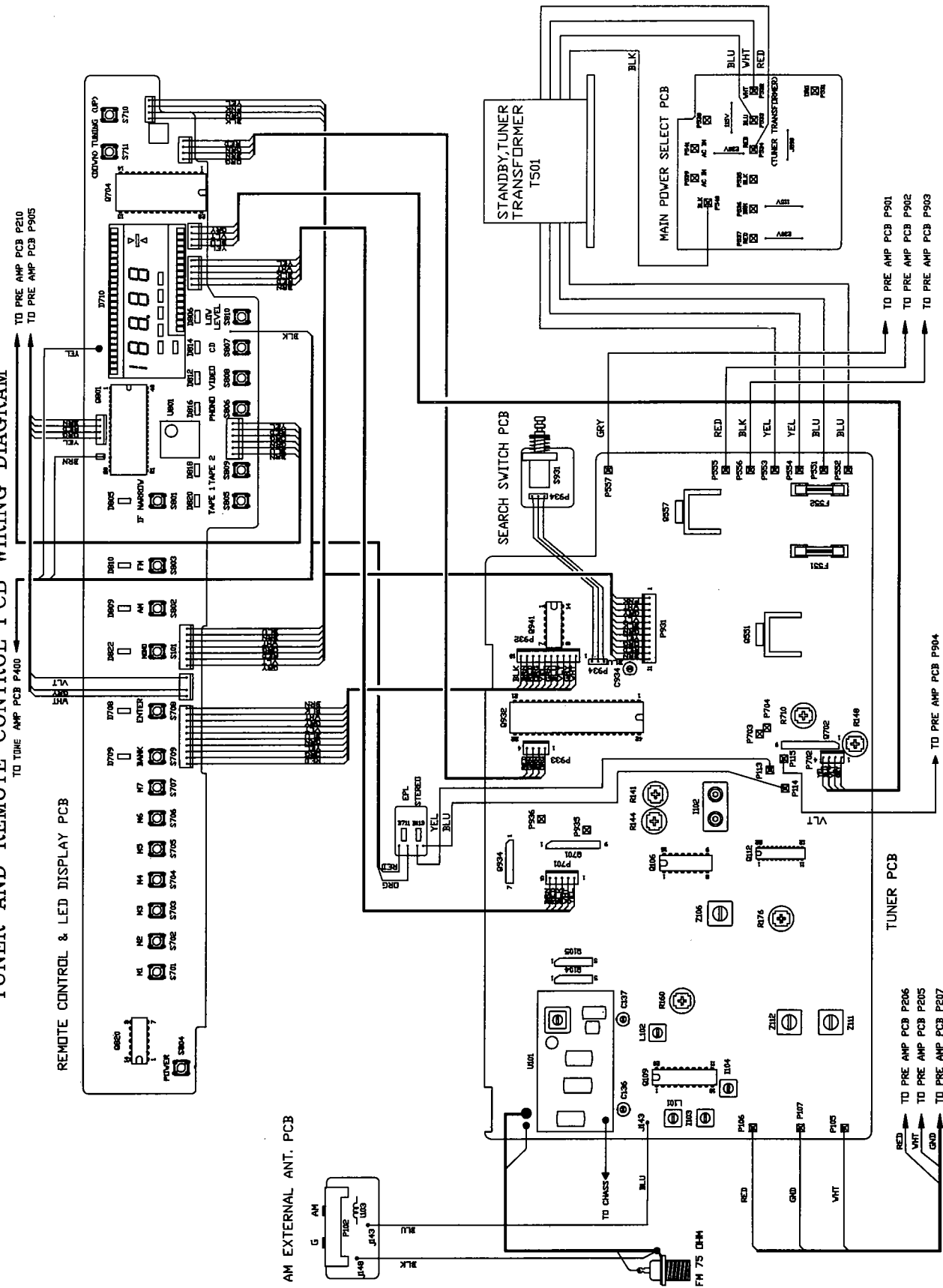
B. ANTENNA, IF

1. Swing antenna away from chassis.
2. Connect DC voltmeter to Anode, D110 (rear) and Ground.
3. Tune to a station of moderate strength near 1400kHz. Enter into Preset 4. Adjust C-136 for maximum reading on meter.
4. Adjust I-103 and I-104 for maximum reading on meter.
5. Tune to a station of moderate strength near 600kHz. Enter into Preset 3. Adjust L-101(AM Antenna) for maximum reading on meter (use non-interactive tool, such as plastic or wooden stick).
6. Repeat until no further improvement.

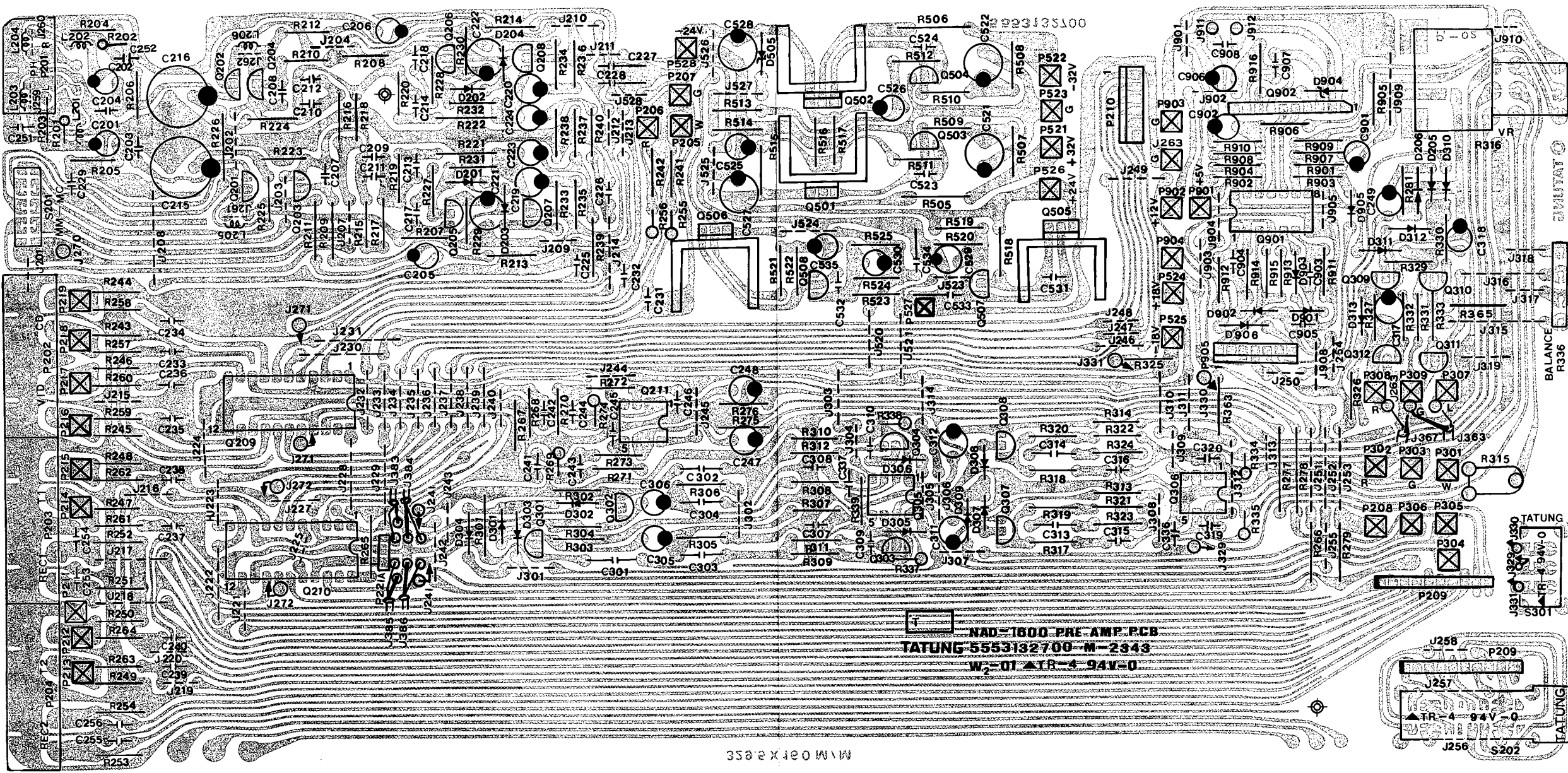
C. SCAN STOP/SIGNAL METER LEVEL

1. Tune to 1000kHz and feed 200uV to antenna terminals.
2. Adjust R-165 so that fifth LED just lights fully.

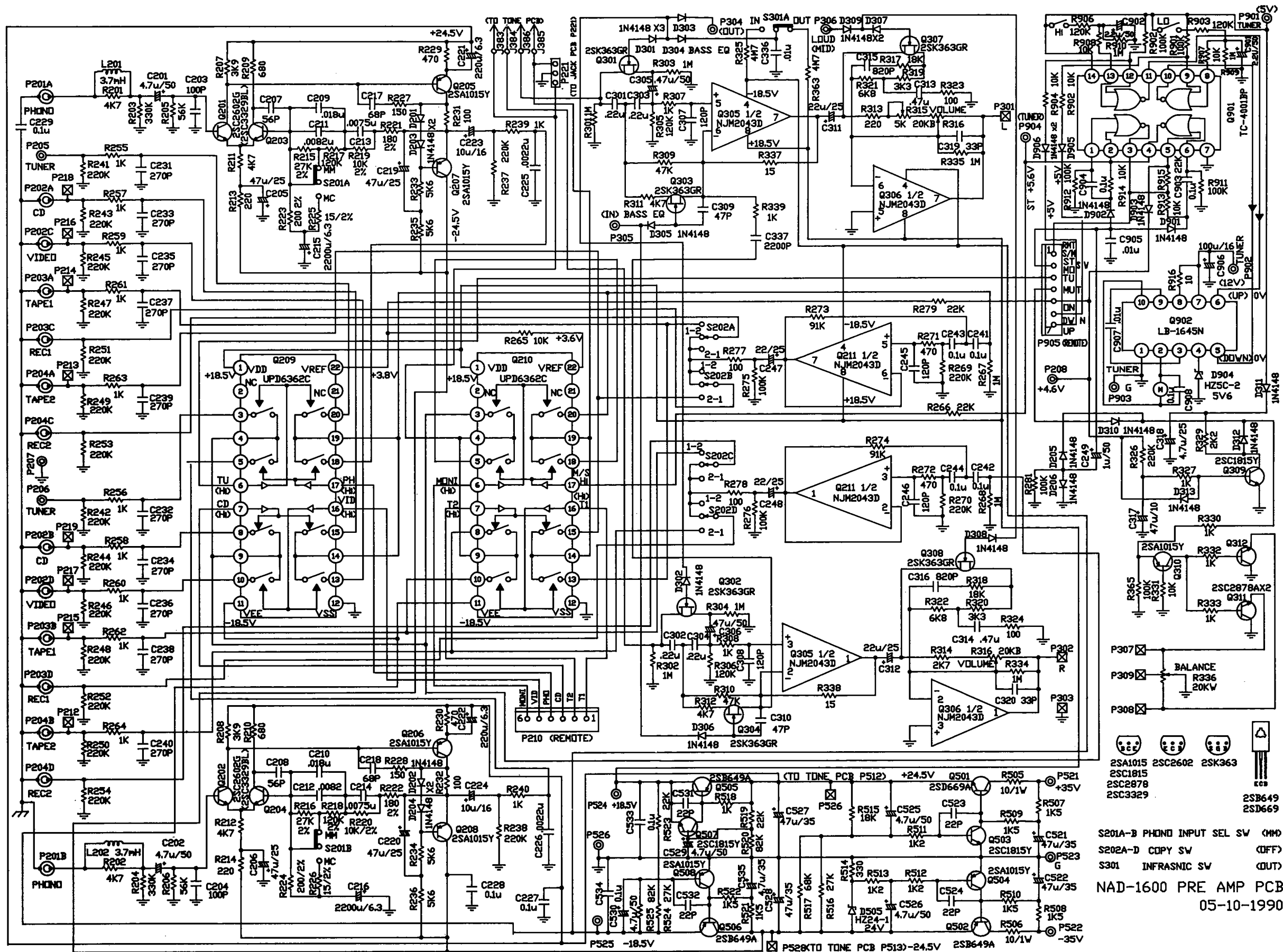
TUNER AND REMOTE CONTROL PCB WIRING DIAGRAM



PREAMPLIFIER PCB LAYOUT
COMPONENT SIDE

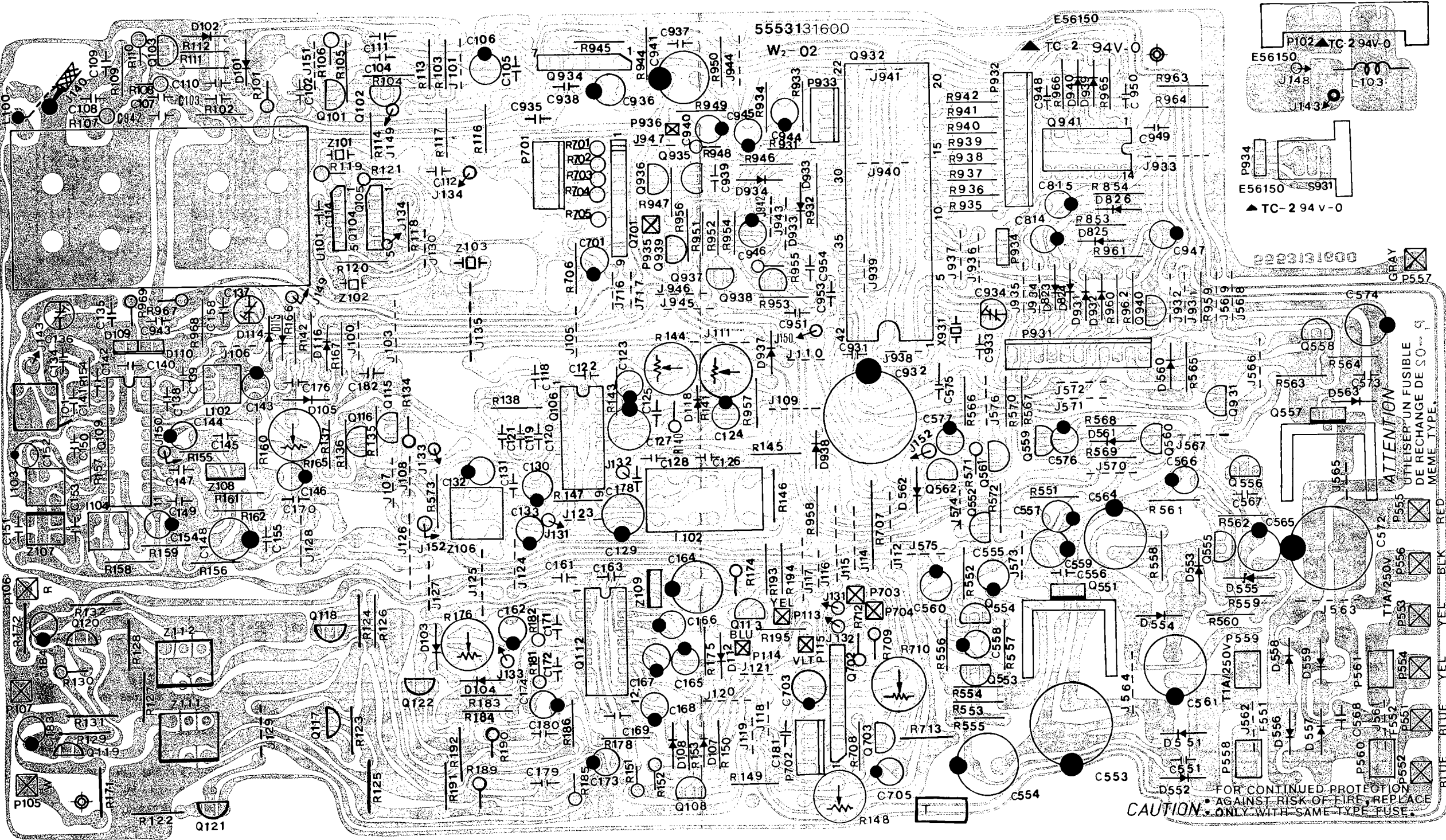


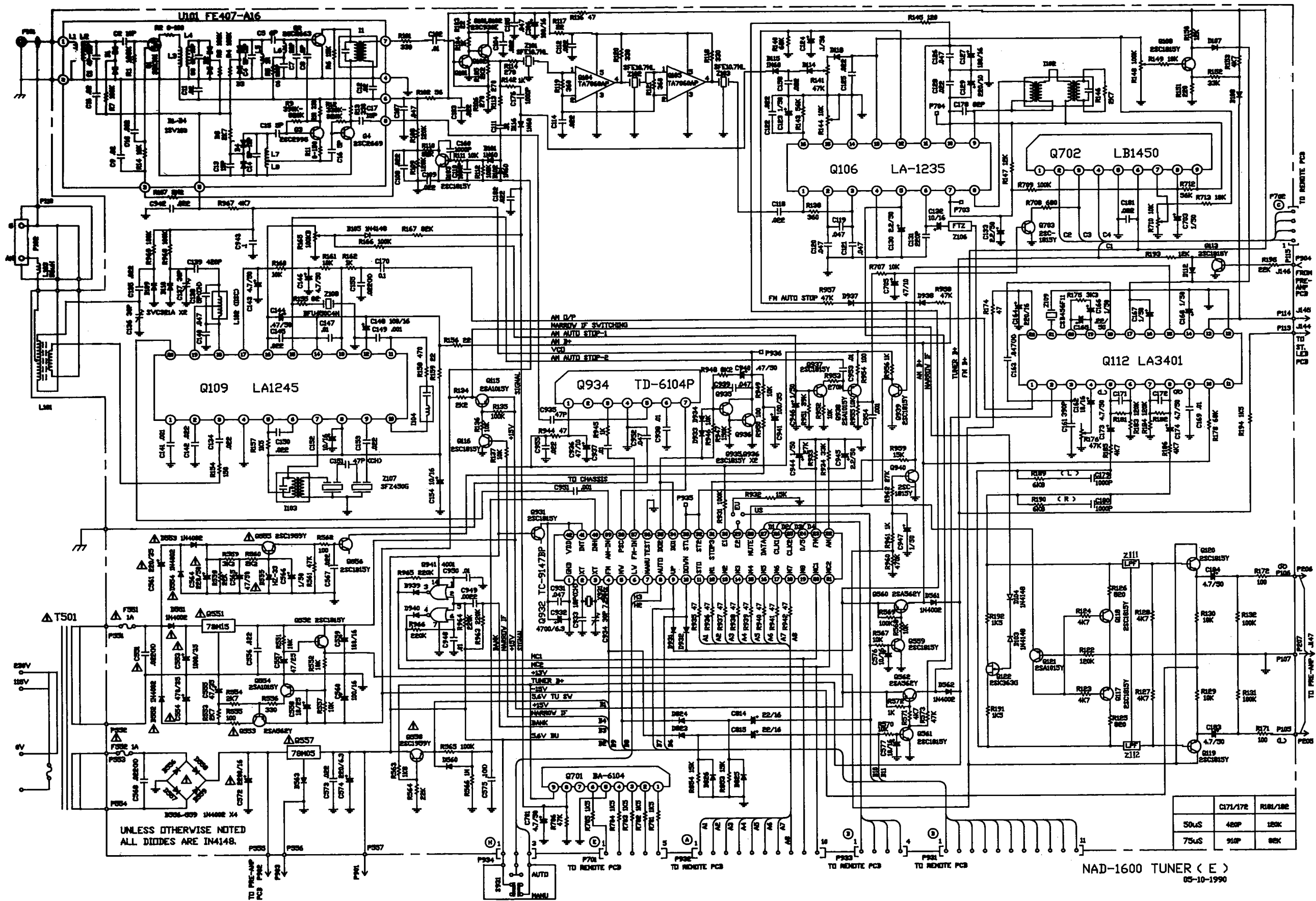
352x400mm



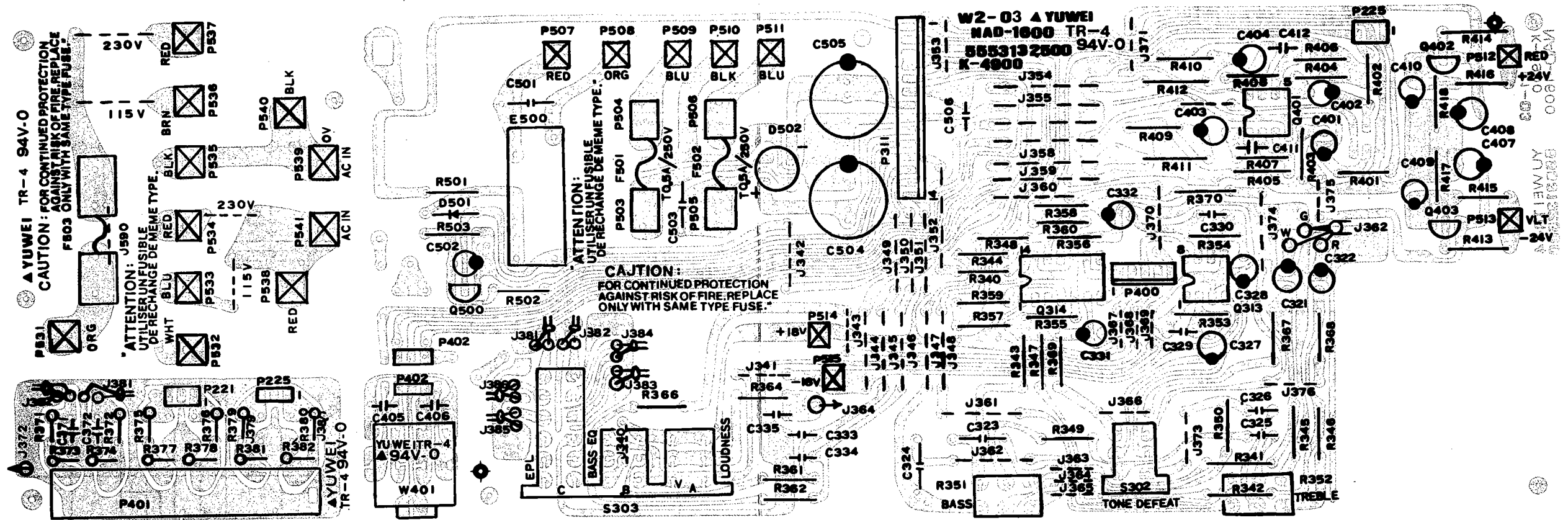
2SA1015 2SC2602 2SK363
 2SC1815 2SC2878 2SC3329
 2SB649 2SD669
 S201A-B PHONO INPUT SEL SW (MM)
 S202A-D COPY SW (OFF)
 S301 INFRASNIC SV (OUT)
 NAD-1600 PRE AMP PCB
 05-10-1990

TUNER PCB LAYOUT
COMPONENT SIDE

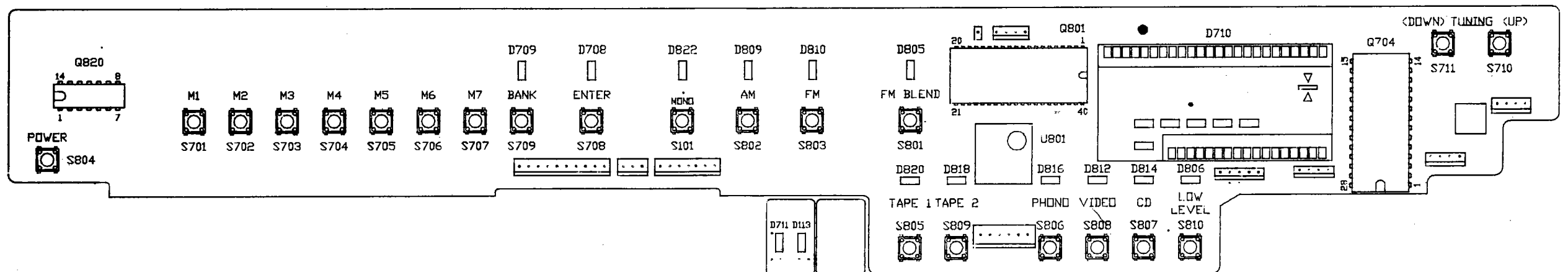
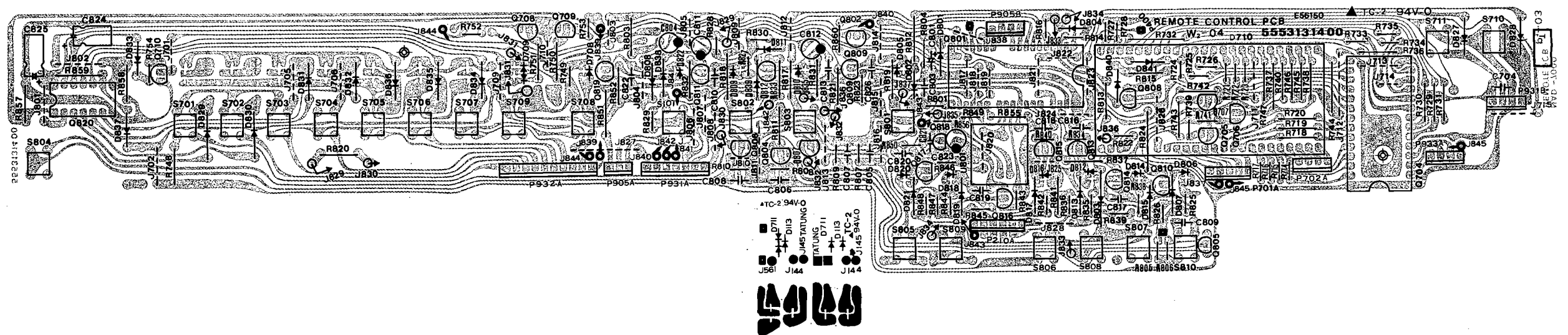


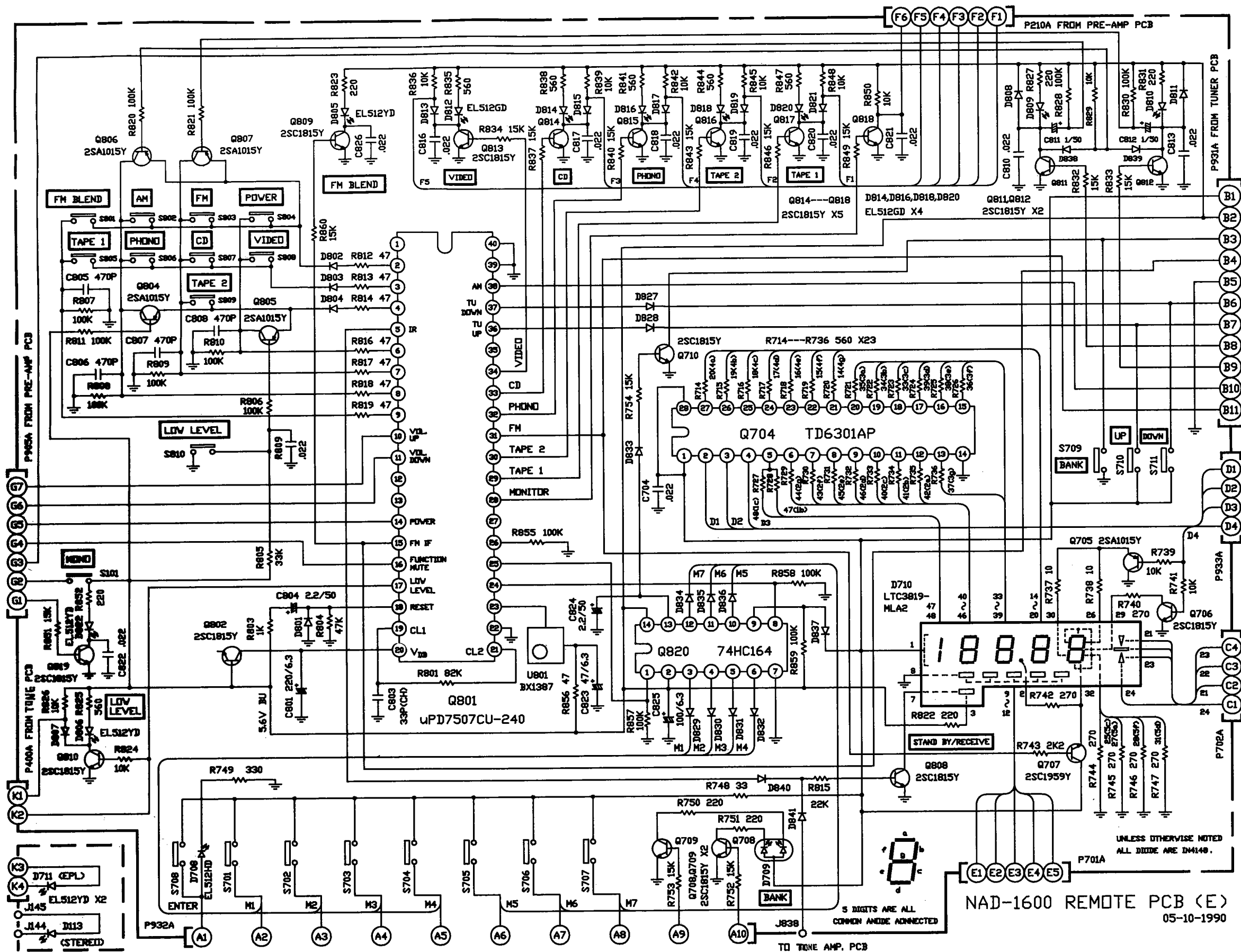


TONE AMP PCB LAYOUT COMPONENT SIDE



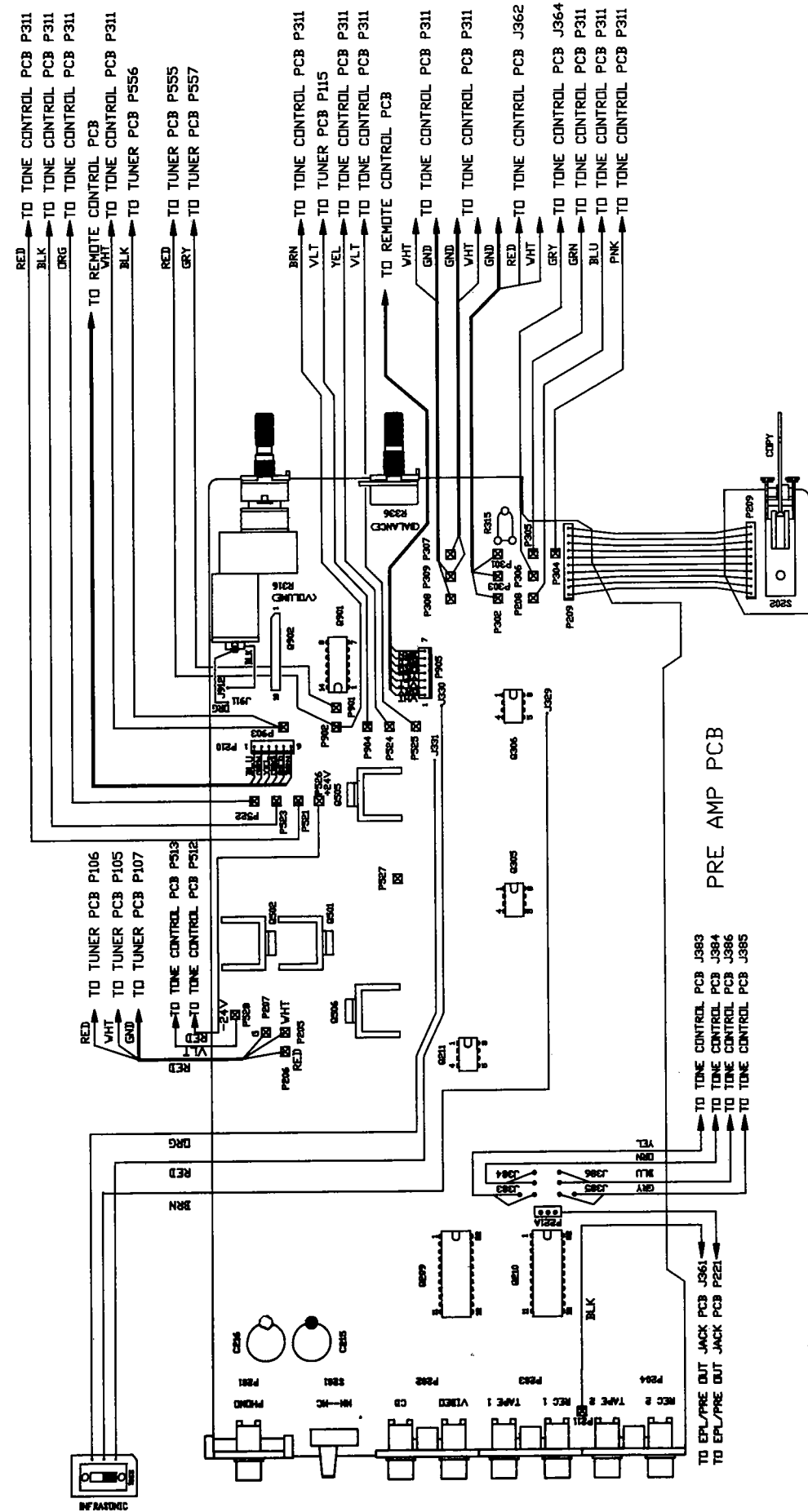
REMOTE/DISPLAY PCB LAYOUT COMPONENT SIDE



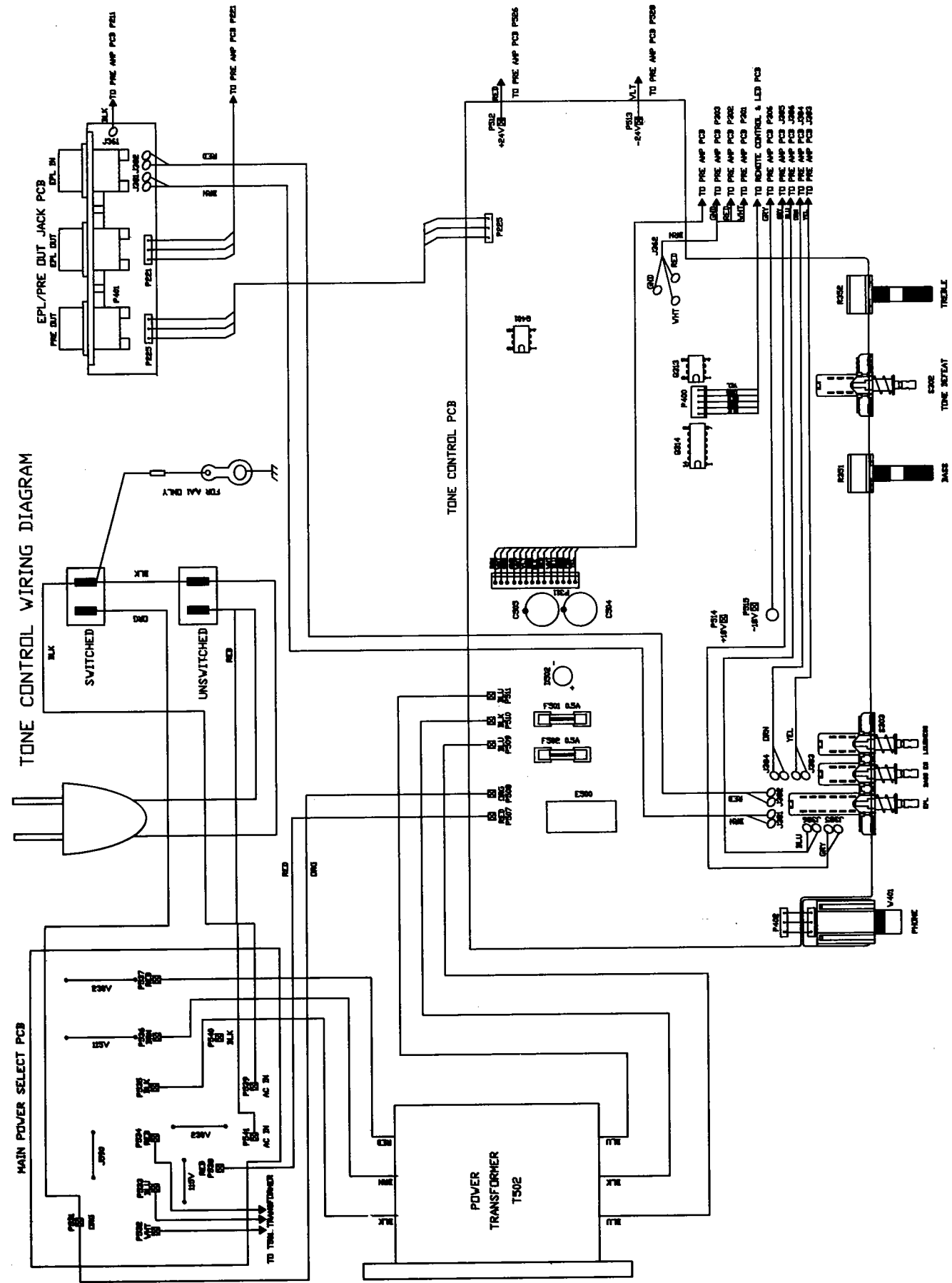


NAD-1600 REMOTE PCB (E)
05-10-1990

PRE AMP WIRING DIAGRAM



TONE CONTROL WIRING DIAGRAM



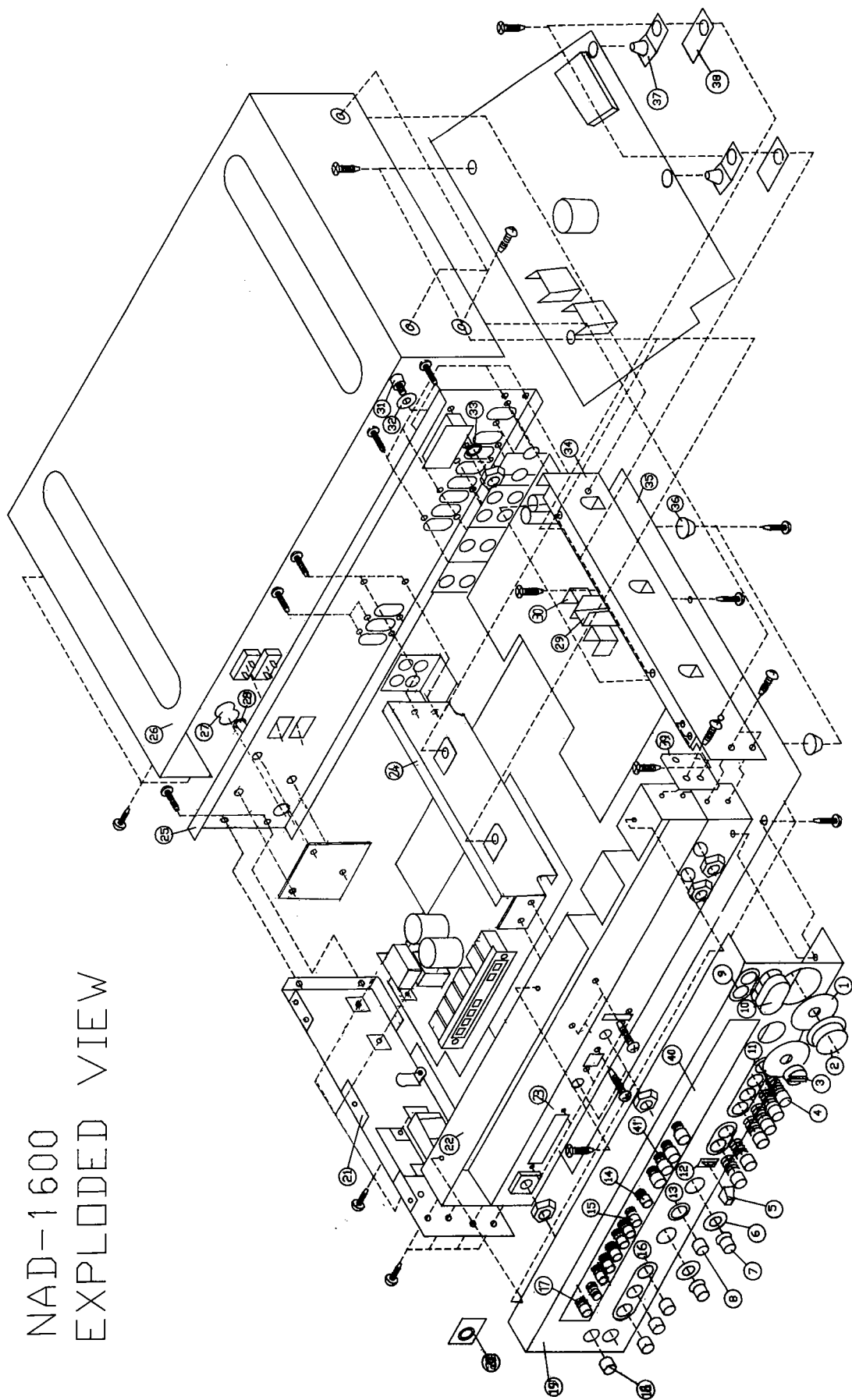
SYMBOL NO I/D QTY PART NO. DESCRIPTION SPECIFICATION

PCB ASS'Y										C205										1										5213447091										CAP. EL.										47uFMT										±20%										25V																																							
TONE PCB ASS'Y										C206										1										5213447012										CAP. CER.										47uFMT										±20%										50V																																							
TONE PCB BLOCK										C207,C208										2										5247056091										CAP. CER.										560PFJT										±5%										50V																																							
										C209,C210																				5222118391										CAP. POLY.										18000PFJT										±5%										50V																																							
B300										1										5553132500										TONE CONTROL										232.5*99mm										NAD-1600																																																											
C321,C322										2										5213447091										CAP. EL.										47uFMT										±20%										50V																																																	
C323,C324										2										5222127401										CAP. POLY. P=10mm										0.27MFJ										±5%										50V																																																	
C325,C326										2										5222156291										CAP. POLY.										5600PFJT										±5%										50V																																																	
C327,C328										2										5213601091										CAP. EL.										1uFMT										±20%										50V																																																	
C329,C330										2										5247115191										CAP. CER.										150PFET										±10%										50V																																																	
C331,C332										2										5213410191										CAP. EL.										100uFMT										±20%										25V																																																	
C333-C335										3										5231810391										CAP. CER.										10000PFJT										±80-0.2%										50V																																																	
C401,C402										2										5213601091										CAP. EL.										1uFMT										±20%										50V																																																	
C403,C404										2										5213410191										CAP. EL.										100uFMT										±20%										25V																																																	
C407,C408										2										5213410191										CAP. EL.										100uFMT										±20%										25V																																																	
C409,C410										2										5213610091										CAP. EL.										100uFMT										±20%										25V																																																	
C411,C412										2										5247127191										CAP. CER.										270PFET										±10%										50V																																																	
C501										1										5230102701										CAP. CER.										4700PFMT										±20%										400V																																																	
C502										1										5213410091										CAP. EL.										100uFMT										±20%										25V																																																	
C503										1										5272222301										CAP. METALLIZED P.B P=10mm										22000PFK										±10%										250V																																																	
C504,C505										2										5213610212										CAP. EL.										1000uFMT										±20%										50V																																																	
C506										1										5231847391										CAP. CER.										47000PFMT										±20%										50V																																																	
D501										1										6611002730										DIODE, BRCT/PIERCE/NOT										1M4002										100V										1A																																																	
D502										1										6611029701										DIODE, BRCTI, BRIDGE/GIT										W01G										100V										1.5A																																																	
E500										1										5554501800										RELAY (UL/CSA/VDR)										VS-12MV-TVS																																																																					
F501										A										1										5554306501										FUSE, 5.2*20mm										250V/500mA																																																											
F501										AI										1										5554306501										FUSE, 5.2*20mm										250V/500mA																																																											
F501										B										1										5554306501										FUSE, 5.2*20mm										250V/500mA										T51										SRMKO																																							
F501										BI										1										5554306501										FUSE, 5.2*20mm										250V/500mA										T51										SRMKO																																							
F501										C										1										5554306501										FUSE, 5.2*20mm										250V/500mA										T51										SRMKO																																							
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F502										B										1										5554306501										FUSE, 5.2*20mm										250V/500mA										T51										SRMKO																																							
F502										BI										1										5554306501										FUSE, 5.2*20mm										250V/500mA										T51										SRMKO																																							
F502										C										1										5554306501										FUSE, 5.2*20mm										250V/500mA										T51										SRMKO																																							
F502										CI										1										5554306501										FUSE, 5.2*20mm										250V/500mA										T51										SRMKO																																							
J340-J355										16										6119210600										WIRE,TIN COATED										0.60										0.060M																																																											
J356-J371										14										6119210600										WIRE,TIN COATED										0.60										0.060M																																																											
J372-J376										4										6119210600										WIRE,TIN COATED										0.60										0.060M																																																											
J381										1										6173312801										WIRE,SHIELD SRPVC BWM										7/0.12										0.450M										28#																																																	
J381A										1										6707020140										INSULATION TUBING T=105 AWG15										600V										0.010M										BLK 1.4																																																	
J382										1										6173312802										WIRE,SHIELD SRPVC RBD										7/0.12										0.450M										28#																																																	
J382A										1										6707020140										INSULATION TUBING T=105 AWG15										600V										0.010M										BLK 1.4																																																	
P225										1										5556900210										PVC 3P PARALLEL WIRE BLK										7/0.16										300mm										AWG25#																																																	
P400										1										5556102005										5P MALE WAFER										IL-6-5P-S372-B																																																																					
P402										1										5556900240										PVC 3P PARALLEL WIRE BLK										7/0.16										60mm										AWG26#																																																	
P503-P506										4										5547032210										FUSE CLIP (5.2#)										CW-203S																																																																					
P507-P514										8										5556201900										SQUARE PIN										1.1#1.1#16																																																																					
Q313										1										6640666000										IC LINEAR / TWC										NM2043D										DIP8																																																											
Q314										1										6645017901										IC DIGITAL / NBC										UPD360C										DIP14																																																											
Q401										1										6640666000										IC LINEAR / JNC										NM2043D										DIP8																																																											
Q402										1										6621024401										TR NPN HP / TSB										2SC1827A-V										WFE=120-240										VCEO=80																																																	
Q403										1										6623002440										TR NPN HP / TSB										2SA817A-T																																																																					
Q500										1										6621001021										TR NPN HP / TSB										2SC1953-T																																																																					
R340										1										5142822390										RHS. CARBON FILM										22KJ8										±5%										1/4W																																																	
R341-R344										4										5142822090										RHS. CARBON FILM										22KJ8										±5%										1/4W																																																	
R345-R348										4										5142815290										RHS. CARBON FILM										15KJ8										±5%										1/4W																																																	
R349,R350										2										5142833290										RHS. CARBON FILM										32KJ8										±5%										1/4W																																																	
R351										1										5165902063										VR.										RE16312AA324-S06#2																																																																					
R352										1										5165902073										VR.										RE16312AA309-10B#2																																																																					
R353,R354										2										5142823490										RHS. CARBON FILM										330KJ8										±5%										1/4W																																																	
R355,R356										2										5142822490										RHS. CARBON FILM										220KJ8										±5%										1/4W																																																	
R357,R358										2										5142868290										RHS. CARBON FILM										680J8										±5%										1/4W																																																	
R359,R360										2										5142868190										RHS. CARBON FILM										680J8										±5%										1/4W																																																	
R361,R362										2										5142847590										RHS. CARBON FILM										47KJ8										±5%										1/4W																																																	
R364										1										5142847590										RHS. CARBON FILM										47KJ8										±5%										1/4W																																																	
R366										1										5142822290										RHS. CARBON FILM										22KJ8										±5%										1/4W																																																	
R367-R370										4										5142810990										RHS. CARBON FILM										10KJ8										±5%										1/4W																																																	
R401,R402										2										5142815390										RHS. CARBON FILM										15KJ8										±5%										1/4W																																																	
R403,R404										2										5142847390										RHS. CARBON FILM										47KJ8										±5%										1/4W																																																	
R405,R406										2										5142810290										RHS. CARBON FILM										10KJ8										±5%										1/4W																																																	
R407,R408										2										5142847290										RHS. CARBON FILM										47KJ8										±5%										1/4W																																																	
R409,R410										2										5142822390										RHS. CARBON FILM										22KJ8										±5%										1/4W																																																	
R411,R412										2										5142412190										RHS. CARBON FILM										120J8										±5%										1/2W																																																	
R413,R414										2										5130315103										RHS. CARBON FILM										150J5L										±5%										1W																																																	
R415,R416										2										5142827290										RHS. CARBON FILM										22KJ8										±5%										1/4W																																																	
R417,R418										2										5142882290										RHS. CARBON FILM										82KJ8										±5%										1/4W																																																	
R501										1										5142810090										RHS. CARBON FILM										10J8										±5%										1/4W																																																	
R502										1										5142848290										RHS. CARBON FILM										47KJ8										±5%										1/4W																																																	
R503										1										5142847390										RHS. CARBON FILM										47KJ8										±5%										1/4W																																																	
S302										1										5554438000										1P PUSH SWITCH										SPW312K008-TT																																																																					
S303										1										5554438000										3P PUSH SWITCH										SPW312K007-TT3																																																																					
C405,C406										2										5231522291										CAP. CER.										2200PFMT										50V										0 DC																																																	
W401										1										5556311300										6.4 JACK										JY-6312-02-030																																																																					
C371,C372										2										5247010191										CAP. CER.										100PFJT										±5%										50V																																																	
J372										1										6130003500										WIRE,PVC BLACK										7/0.2										0.150M										24AWG																																																	
J379,J380										2										6119210600										WIRE,TIN COATED SOFT COPPER										0.60										0.060M																																																											
P401										1										5556205000										6P SIGNAL JACK										IL-2093																																																																					
R371,R372										2										5142110290										RHS. CARBON FILM										10J8										±5%										1/4W																																																	
R373,R374										2										5142122490										RHS. CARBON FILM										220KJ8										±5%										1/4W																																																	
R375,R376										2										5142110290										RHS. CARBON FILM										10J8										±5%										1/4W																																																	
J590-J592										3										6119210600										WIRE,TIN COATED SOFT COPPER										0.60										0.060M																																																											
P531-P541										11										5547034400										PLAT PIN										1.7#1.7#3.4										NAD-7100/2100																																																											
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5090408104																																																																																																													
5090408106																																																																																																													

SYMBOL NO	I/D	QTY	PART NO.	DESCRIPTION	SPECIFICATION	SYMBOL NO	I/D	QTY	PART NO.	DESCRIPTION	SPECIFICATION
R832,R833		2	5142815390	RBS. CARBON FILM	15KJb ±5% 1/4W	C179,C180		2	5231510291	CAP. CER.	1000PFMT ±20% 50V
R834		1	5142115390	RBS. CARBON FILM	15KJb ±5% 1/6W	C181,C182		2	5231822391	CAP. CER.	22000PFZT +80-20% 50V
R835		1	5142156190	RBS. CARBON FILM	560Jb ±5% 1/6W	C183,C184		2	5213647991	CAP. EL.	4.7uFMT ±20% 50V
R836		1	5142110390	RBS. CARBON FILM	10KJb ±5% 1/6W	C551		1	5222222301	CAP. POLY.	22000PKE ±10% 50V
R837		1	5142815390	RBS. CARBON FILM	15KJb ±5% 1/4W	C552		1	5213510212	CAP. EL.	1000uFM ±20% 35V
R838		1	5142156190	RBS. CARBON FILM	560Jb ±5% 1/6W	C554		1	5213547112	CAP. EL.	470uFM ±20% 35V
R839		1	5142110390	RBS. CARBON FILM	10KJb ±5% 1/6W	C555		1	5213647091	CAP. EL.	47uFMT ±20% 35V
R840		1	5142115390	RBS. CARBON FILM	15KJb ±5% 1/6W	C556		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
R841		1	5142856190	RBS. CARBON FILM	560Jb ±5% 1/4W	C557		1	5213447091	CAP. EL.	47uFMT ±20% 25V
R842		1	5142110390	RBS. CARBON FILM	10KJb ±5% 1/6W	C558		1	5213410012	CAP. EL.	10uFM ±20% 25V
R843		1	5142115390	RBS. CARBON FILM	15KJb ±5% 1/6W	C559		1	5213310112	CAP. EL.	100uFM ±20% 16V
R844		1	5142156190	RBS. CARBON FILM	560Jb ±5% 1/6W	C560		1	5213310191	CAP. EL.	100uFMT ±20% 16V
R845		1	5142110390	RBS. CARBON FILM	10KJb ±5% 1/6W	C561		1	5213522312	CAP. EL.	220uFM ±20% 35V
R846		1	5142115390	RBS. CARBON FILM	15KJb ±5% 1/6W	C564		1	5213722110	CAP. EL.	220uFM ±20% 63V
R847		1	5142156190	RBS. CARBON FILM	560Jb ±5% 1/6W	C565		1	5213647091	CAP. EL.	47uFM ±20% 50V
R848		1	5142110390	RBS. CARBON FILM	10KJb ±5% 1/6W	C566		1	5213601091	CAP. EL.	4uFMT ±20% 50V
R849		1	5142115390	RBS. CARBON FILM	15KJb ±5% 1/6W	C567		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
R850		1	5142110390	RBS. CARBON FILM	10KJb ±5% 1/6W	C568		1	5222222301	CAP. POLY.	22000PKE ±10% 50V
R851		1	5142815390	RBS. CARBON FILM	15KJb ±5% 1/4W	C572		1	5213322212	CAP. EL.	2200uFM ±20% 16V
R852		1	5142822190	RBS. CARBON FILM	220Jb ±5% 1/4W	C573		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
R855		1	5142810490	RBS. CARBON FILM	100KJb ±5% 1/4W	C574		1	5213122191	CAP. EL.	220uFMT ±20% 6.3V
R856		1	5142147090	RBS. CARBON FILM	47Jb ±5% 1/6W	C575		1	5222210401	CAP. POLY.	0.1uFKE ±10% 50V
R857-R859		3	5142810490	RBS. CARBON FILM	100KJb ±5% 1/4W	C576		1	5213310191	CAP. EL.	10uFM ±20% 16V
R860		1	5142115390	RBS. CARBON FILM	15KJb ±5% 1/6W	C577		1	5213610091	CAP. EL.	10uFMT ±20% 50V
S101		1	5054512840	SWITCH, TACT SPST ALPS	P=100GF H=4.3MM DC12V/50mA	C701		1	5213647991	CAP. EL.	4.7uFMT ±20% 50V
S701-S711		11	5054512840	SWITCH, TACT SPST ALPS	P=100GF H=4.3MM DC12V/50mA	C703		1	5213601091	CAP. EL.	1uFMT ±20% 50V
S801-S810		10	5054512840	SWITCH, TACT SPST ALPS	P=100GF H=4.3MM DC12V/50mA	C705		1	5213247091	CAP. EL.	47uFMT ±20% 10V
U801		1	5550000200	INWARD BNCOTE CONT. RECEIVER	8X-1387/HCL10M	C814,C815		2	5213322091	CAP. EL.	22uFMT ±20% 16V
						C913		1	5231847391	CAP. CER.	4700uFMT ±20% 50V
						C932		1	5215001201	CAP. EL. (LOW LC)	4700uFM ±20% 6.3V
D113,D711		2	6618009400	LED PCB BLOCK	SR-9431D 245nm DIFFUSED	C933		1	5242218091	CAP. CER.	18PFJT ±5% 50V
						C934		1	5552402500	TRIMMER	CT251P1111 A TZ03R300FR
PART LIST			####	PARENT BLOCK	:	C935		1	5242247091	CAP. CER.	47PFJT ±5% 50V
R760		1	5142110400	RBS. CARBON FILM	100KJ ±5% 1/6W	C936		1	5213247091	CAP. EL.	47uFMT ±20% 10V
			####	PARENT BLOCK	:	C937,C938		2	5231810391	CAP. CER.	10000PFZT +80-20% 50V
				TUNER PCB ASS'Y		C939		1	5231847391	CAP. CER.	47000PFMT ±20% 50V
				TUNER PCB BLOCK		C940		1	5213647891	CAP. EL.	0.47uFMT ±20% 50V
SC10		2	5545305900	HEAT SINK (S)	NAD-T100	C941		1	5213510112	CAP. EL.	100uFMT ±20% 35V
SC10A		2	7033161156	SCREW BRD RUD TS PC	M3.0+08	C942	A	1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
B100		1	5553131601	TUNER PCB	279158 NAD-1600	C942	AI	1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
C100		1	5247058001	CAP. CER.	68PFJ ±5% 50V	C942	B	1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
C102		1	5231810391	CAP. CER.	10000PFZT +80-20% 50V	C942	BI	1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
C103,C104		2	5231822391	CAP. CER.	22000PFZT +80-20% 50V	C942	C	1	5231822391	CAP. CER.	22000PFZT +80-20% 50V
C105		1	5231847391	CAP. CER.	47000PFMT ±20% 50V	C943		1	5236310402	CAP. CER. F=5mm	0.1uFZ ±80-20% 50V
C106		1	5213310191	CAP. EL.	100uFMT ±20% 16V	C944		1	5213601091	CAP. EL.	1uFMT ±20% 50V
C107		1	5231847391	CAP. CER.	47000PFMT ±20% 50V	C945		1	5213622391	CAP. EL.	2.2uFMT ±20% 50V
C108,C109		2	5231822391	CAP. CER.	22000PFZT +80-20% 50V	C946,C947		2	5213601091	CAP. EL.	1uFMT ±20% 50V
C110		1	5231510291	CAP. CER.	1000PFMT ±20% 50V	C948		1	5231810391	CAP. CER.	10000PFZT +80-20% 50V
C111		1	5231810391	CAP. CER.	10000PFZT +80-20% 50V	C949		1	5231522291	CAP. CER.	2200PFMT ±20% 50V
C112,C114		2	5231822391	CAP. CER.	22000PFZT +80-20% 50V	C950,C951		2	5231810391	CAP. CER.	10000PFZT +80-20% 50V
C116		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	C953		1	5231310391	CAP. CER.	10000PFZT +80-20% 50V
C119-C121		3	5231847391	CAP. CER.	47000PFMT ±20% 50V	C954		1	5231510291	CAP. CER.	1000PFMT ±20% 50V
C122		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	D101,D102		2	6612004001	DIODE, DETECTOR/ TSB	1N50
C123		1	5231601012	CAP. EL.	1uFM ±20% 50V	D103-D105		3	6613003030	DIODE, SWITCHING/ ITT	1N4148
C124		1	5231610891	CAP. EL.	0.1uFMT ±20% 50V	D107,D108		2	6613003030	DIODE, SWITCHING/ ITT	1N4148
C125		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	D109,D110		2	6614004000	DIODE, VARICAP/ STO	SV3231A
C126		1	5231847391	CAP. CER.	47000PFMT ±20% 50V	D112,D114		2	6613003030	DIODE, SWITCHING/ ITT	1N4148
C127		1	5213310112	CAP. EL.	100uFM ±20% 16V	D115,D116		1	6612004001	DIODE, DETECTOR/ TSB	1N50
C128		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	D118		1	6613003030	DIODE, SWITCHING/ ITT	1N4148
C129		1	5213222191	CAP. EL.	220uFMT ±20% 10V	D551-D554		4	6611007120	DIODE, RECTIFIER/ NOT	1N4002 100V 1.0A
C130		1	5213222391	CAP. EL.	2.2uFMT ±20% 50V	D555		1	6615013800		
C131		1	5247122191	CAP. CER.	220PFZT ±10% 50V	D556-D559		4	6611007120	DIODE, RECTIFIER/ NOT	1N4002 100V 1.0A
C132		1	5213610091	CAP. EL.	1uFMT ±20% 50V	D560		1	6613003030	DIODE, SWITCHING/ ITT	1N4148
C133		1	5213622391	CAP. EL.	2.2uFMT ±20% 50V	D561,D562		2	6611007120	DIODE, RECTIFIER/ NOT	1N4002 100V 1.0A
C134,C135		2	5231822391	CAP. CER.	22000PFZT +80-20% 50V	D563		1	6613003030	DIODE, SWITCHING/ ITT	1N4148
C136,C137		2	5552402900	TRIMMER	CT251P1111 A TZ03R300FR	D823-D826		4	6613003030	DIODE, SWITCHING/ ITT	1N4148
C138		1	5242205001	CAP. CER.	5PFC ±0.25PF	D931-D934		4	6613003030	DIODE, SWITCHING/ ITT	1N4148
C139		1	5226142100	CAP. POLY.	420PFJ ±5% 50V	D937-D940		4	6613003030	DIODE, SWITCHING/ ITT	1N4148
C140		1	5231847391	CAP. CER.	47000PFMT ±20% 50V	F551	A	1	5554309810	FUSE, MEDIUM BLOW 5MT	5.2420 125V 1A
C141		1	5231510291	CAP. CER.	1000PFMT ±20% 50V	F551	AI	1	5554309810	FUSE, MEDIUM BLOW 5MT	5.2420 125V 1A
C142		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	F551	B	1	5554306800	FUSE, T51	5.2420 250V 1A
C143		1	5213647991	CAP. EL.	4.7uFMT ±20% 50V	F551	BI	1	5554306800	FUSE, T51	5.2420 250V 1A
C144		1	5213647891	CAP. EL.	0.47uFM ±20% 50V	F551	C	1	5554306800	FUSE, T51	5.2420 250V 1A
C145		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	F551	CI	1	5554306800	FUSE, T51	5.2420 250V 1A
C146		1	5213647991	CAP. EL.	4.7uFMT ±20% 50V	F552	A	1	5554309810	FUSE, MEDIUM BLOW 5MT	5.2420 125V 1A
C147		1	5231810391	CAP. CER.	10000PFZT +80-20% 50V	F552	AI	1	5554309810	FUSE, MEDIUM BLOW 5MT	5.2420 125V 1A
C148		1	5213310112	CAP. EL.	100uFM ±20% 16V	F552	B	1	5554306800	FUSE, T51	5.2420 250V 1A
C149		1	5231510291	CAP. CER.	1000PFMT ±20% 50V	F552	BI	1	5554306800	FUSE, T51	5.2420 250V 1A
C150		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	F552	C	1	5554306800	FUSE, T51	5.2420 250V 1A
C151		1	5242247091	CAP. CER.	47PFJT ±5% 50V	F552	CI	1	5554306800	FUSE, T51	5.2420 250V 1A
C152		1	5213610091	CAP. EL.	10uFMT ±20% 50V	I102		1	5556400500	FM DETECTOR IPT	0203-384-W008A
C153		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	I103		1	5556105020	AN IPT	2150-384-W142
C154		1	5213610091	CAP. EL.	10uFMT ±20% 50V	I104		1	5556105040	AN IPT (2)	2150-384-W317
C155		1	5222122391	CAP. POLY.	22000PFJT ±5% 50V	J100,J101		2	6119210600	WIRE,TIN COATED SOFT COPPER	0.6# 0.060M
C158		1	5231822391	CAP. CER.	22000PFZT +80-20% 50V	J103		1	6119210600	WIRE,TIN COATED SOFT COPPER	0.6# 0.060M
C160		1	5236210401	CAP. SRMT.	0.1uFM ±20% 25V	J105-J112		8	6119210600	WIRE,TIN COATED SOFT COPPER	0.6# 0.060M
C161		1	5247139191	CAP. CER.	390PFZT ±10% 50V	J114-J121		8	6119210600	WIRE,TIN COATED SOFT COPPER	0.6# 0.060M
C162		1	5213610091	CAP. EL.	10uFMT ±20% 50V	J123-J130		8	6119210600	WIRE,TIN COATED SOFT COPPER	0.6# 0.060M
C163		1	5222147391	CAP. POLY.	10000PFJT ±5% 50V	J131		1	6130003566	WIRE,PVC BLUE	7/0.20 0.090M 24AWG
C164		1	5213322112	CAP. EL.	220uFM ±20% 16V	J132		1	6130003544	WIRE,PVC YELLOW	7/0.20 0.090M 24AWG
C165		1	5516004000	CAP. EL.	0.22uFM ±20% 50V	J133		1	6130003599	WIRE,PVC WHITE	7/0.20 0.070M 24AWG
C166		1	5213601091	CAP. EL.	1uFMT ±20% 50V	J134		1	6130003577	WIRE,PVC PURPLE	7/0.20 0.040M 24AWG
C167		1	5213601012	CAP. EL.	1uFM ±20% 50V	J135		1	6119210600	WIRE,TIN COATED SOFT COPPER	0.6# 0.060M
C168		1	5213601091	CAP. EL.	1uFMT ±20% 50V	J143		1	6130003566	WIRE,PVC BLUE	7/0.20 0.160M 24AWG
C169		1	5222210391	CAP. POLY.	10000PFZT ±10% 50V	J148		1	6130003500	WIRE,PVC BLACK	7/0.20 0.080M 24AWG
C170		1	5236210401	CAP. SRMT.	0.1uFM ±20% 25V	J149		1	6130003511	WIRE,PVC BROWN	7/0.20 0.070M 24AWG
C171	A	1	5226191100	CAP.							

SYMBOL NO	I/D	QTY	PART NO.	DESCRIPTION	SPECIFICATION	SYMBOL NO	I/D	QTY	PART NO.	DESCRIPTION	SPECIFICATION
IP16	B	1	5535203600	WARRANTY CARD	NAD-3200/7200	6P07		1	5542225300	BEZEL	NAD-7100
IP17	AI	1	5535447800	SAFETY INSTRUCTION	NAD-USA	6P08		1	5542225800	DOUBLE BEZEL	NAD-7100
IP18	AI	1	5535410800	LABEL,SERIAL NO.	TV-1970 SYSTEM (47*9)	6P09		2	5542005100	WIRELON (S)	28*6.5MM
IP24	A RV	1	5535203601	WARRANTY CARD (M)	NAD-7225PE-A	6P11		2	5542005110	WIRELON (L)	45*6.5MM
IP25	A RV	1	5535203602	WARRANTY CARD (S)	NAD-7225PE-A	6B01		2	5547531700	WASHER-PVC	NAD-1600
IP26	RV	1	5525449900	SHIPPING CARTON LABEL	NAD-SERIES	7B01		1	7101201202	LOCK WASHER	D21*4D12*1.2T
IP30		1	5520685155	RPS BLOCK	45* 250* 53 SQD.018	7P13,7M01		4	5547504600	BASE,VPS	
IP31	CI	1	5535450200	GERMAN POST OFFICE	NAD-SERIES	J140		1	6150112101	WIRE CABLE COAXIAL 300V	1.7C-2V 0.120M BLK 1.4
IP33		2	5550685255	SHEET NAD-7100	240* 120 BS14.0	J144		1	6130003544	WIRE,PVC YELLOW, 24AWG	7/0.20 0.460M
AI01		1	5520010110	T P M ANT.	300 OHM L-1.8M	J145		1	6130003566	WIRE,PVC BLUE, 24AWG	7/0.20 0.460M
AI02		1	6195341709	WIRE,STRANDED 22#	17/0.15 2.000 M	J146		1	6130003577	WIRE,PVC PURPLE 24AWG	7/0.20 0.360M
P000	RV	1	5552000200	REMOTE CONTROL TRANSMITTER	NAD-7100	J147		1	6173202802	WIRE,TWIN SHIELD RED 28#	7/0.12 0.340M
P001	RV	1	6910151403	BATTERY,DRY	1.5V UM-3	J356		1	6173202801	WIRE,TWIN SHIELD BRN 28#	7/0.12 0.270M
P002	A	1	5552302800	ANT. ADAPTOR	2-04010401	J357		1	6130003588	WIRE,PVC GRAY 24AWG	7/0.20 0.280M
P002	AI	1	5552302800	ANT. ADAPTOR	2-04010401	J383		1	6173131204	WIRE,SHIELD TEL 28#	7/0.12 0.450M
P002	B	1	5552302900	ANT. ADAPTOR	S-05011912	J383A		1	6707020140	INSULATION TUBING T-105 AWG15/600V	0.010M BLK 1.4
P002	BI	1	5552302900	ANT. ADAPTOR	S-05011912	J384		1	6173131203	WIRE,SHIELD ORN 28# SRPVC	7/0.12 0.450M
P002	C	1	5552302900	ANT. ADAPTOR	S-05011912	J384A		1	6707020140	INSULATION TUBING T-105 AWG15/600V	0.010M BLK 1.4
P002	CI	1	5552302900	ANT. ADAPTOR	S-05011912	J385		1	6173131208	WIRE,SHIELD GRN 28# SRPVC	7/0.12 0.450M
P004	A	1	5556400700	ANT. CONNECTOR	SH-756	J385A		1	6707020140	INSULATION TUBING T-105 AWG15/600V	0.010M BLK 1.4
P004	BI	1	5556400700	ANT. CONNECTOR	SH-756	J386		1	6173131205	WIRE,SHIELD BLK 28# SRPVC	7/0.12 0.450M
P004	C	1	5556400700	ANT. CONNECTOR	SH-756	J386A		1	6707020140	INSULATION TUBING T-105 AWG15/600V	0.010M BLK 1.4
P004	CI	1	5556400700	ANT. CONNECTOR	SH-756	J500	A	1	5556702121	POWER CORD W/PLUG SPT-2	UL BLK, AWG18# 41/0.1542C*2.1M
Y500		1	5535122520	OWNERS MANUAL	NAD-1600	J500 AI		1	5556702121	POWER CORD W/PLUG SPT-2	UL BLK, AWG18# 41/0.1542C*2.1M
Y501		1	5535122527	OWNERS MANUAL	NAD-1600	J500 B		1	5556701310	POWER CORD BLK CTSB-2F	0.07MM2, 24/0.20*2C*2W (SS)
Y502	A	1	5535122528	OWNERS MANUAL	NAD-1600	J500 BI		1	5556702011	AC POWER CORD W/PLUG BLK	SAE 42/0.1542C*1.8M
Y502	C	1	5535122528	OWNERS MANUAL	NAD-1600	J500 C		1	5556700131	AC POWER CORD W/PLUG BLK	VED PL-21 42/.15*2C*1.8M
Y503	C	1	5535122529	OWNERS MANUAL	NAD-1600	J500 CI		1	5556700131	AC POWER CORD W/PLUG BLK	VED PL-21 42/.15*2C*1.8M
Y503	CI	1	5535122529	OWNERS MANUAL	NAD-1600	J551		1	6130003500	WIRE,PVC BLACK 24AWG	7/0.20 0.330M
Y504	C	1	5535122530	OWNERS MANUAL	NAD-1600	J552		1	6130003522	WIRE,PVC RED 24AWG	7/0.20 0.330M
			5020308057	CHASSIS ASS'Y		J553		1	6130003588	WIRE,PVC GRAY 24AWG	7/0.20 0.270M
IP32	B	1	5535450300	BS POWER CORD LABEL	NAD-SERIES	J554	A	1	6176506002	WIRE,PVC RED 600V/5A T-105	7/0.25 0.350M
2B01		1	5535444893	SERIAL LABEL	NAD-1600	J554 AI		1	6176506002	WIRE,PVC RED 600V/5A T-105	7/0.25 0.350M
2B02	AI	2	5535444840	LIGHTING LABEL	UL	J554 B		1	6140071922	WIRE,DOUBLE INSULATED RED	17/0.15 0.350M 22AWG
2C01		1	5535445000	INSPECTION LABEL	NAD-SERIES	J554 BI		1	6140071922	WIRE,DOUBLE INSULATED RED	17/0.15 0.350M 22AWG
2D01		1	5535449600	RC LABEL	NAD-7225	J554 C		1	6140071922	WIRE,DOUBLE INSULATED RED	17/0.15 0.350M 22AWG
3P01		1	5541537900	VOL. KNOB	NAD-7100	J554 CI		1	6140071922	WIRE,DOUBLE INSULATED RED	17/0.15 0.350M 22AWG
3P02		1	5541538000	VOL. KNOB (S)	NAD-7100	J555	A	1	6176506003	WIRE,PVC ORN 600V/5A T-105	7/0.25 0.340M
3P03		1	5541537800	TOGGLE CAP.	NAD-7100	J555 B		1	6176506003	WIRE,PVC ORN 600V/5A T-105	7/0.25 0.340M
3P04		4	5541537700	PUSH BUTTON	NAD-7000	J555 BI		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.340M 22AWG
3P08		12	5541537300	BAND KNOB	NAD-7100	J555 B1		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.340M 22AWG
3P20		1	5541537600	PLAY BUTTON	NAD-7100	J555 C		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.340M 22AWG
3P21		1	5541537200	POWER KNOB	NAD-7100	J555 CI		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.340M 22AWG
3P22		2	5541537510	CONTROL KNOB	NAD-7100	J556	A	1	6176506002	WIRE,PVC RED 600V/5A T-105	7/0.25 0.130M
3P26		4	5541537100	PUSH KNOB (S)	NAD-7100	J556 AI		1	6176506002	WIRE,PVC RED 600V/5A T-105	7/0.25 0.130M
3P24		4	5541537110	PUSH KNOB (S)	NAD-7100	J557	A	1	6176506000	WIRE,PVC BLK 600V/5A T-105	7/0.25 0.080M
5B01	A	1	5547136100	BACK PLATE (120V)	NAD-1600	J557 AI		1	6176506000	WIRE,PVC BLK 600V/5A T-105	7/0.25 0.080M
5B01 AI		1	5547136100	BACK PLATE (120V)	NAD-1600	J558	A	1	6176506003	WIRE,PVC ORN 600V/5A T-105	7/0.25 0.140M
5B01 B		1	5547136120	BACK PLATE (240V)	NAD-1600	J558 AI		1	6176506003	WIRE,PVC ORN 600V/5A T-105	7/0.25 0.140M
5B01 BI		1	5547136120	BACK PLATE (240V)	NAD-1600	J558 B		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.140M 22AWG
5B01 C		1	5547136110	BACK PLATE (220V)	NAD-1600	J558 BI		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.140M 22AWG
5B01 CI		1	5547136110	BACK PLATE (220V)	NAD-1600	J558 C		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.140M 22AWG
5B01H		20	7033161156	SCREW BRB N3.0*08 S-PC	C RUD 3008 TS PC	J558 CI		1	6140071933	WIRE,DOUBLE INSULATED ORN	17/0.16 0.140M 22AWG
5B01P		2	7001120216	SCREW,	C PLAN W2.5*4 HS PC	J559	A	1	6176506000	WIRE,PVC BLK 600V/5A T-105	7/0.25 0.140M
5B02		1	5547033900	LUG	NAD-7100	J559 AI		1	6176506000	WIRE,PVC BLK 600V/5A T-105	7/0.25 0.140M
5B05		1	5546121400	TERMINAL	NAD-310/710	J559 B		1	6140071900	WIRE,DOUBLE INSULATED BLK	17/0.15 0.140M 22AWG
5B050		1	7076210012	NUT ISO N3.5(2.9B) S-ZN-CC	N3.5 S-ZN-CC	J559 BI		1	6140071900	WIRE,DOUBLE INSULATED BLK	17/0.15 0.140M 22AWG
5B05H		1	7101200352	WASHER TOOTH LOCK-EXT N3.5	N3.5 S-ZN-CC	J559 C		1	6140071900	WIRE,DOUBLE INSULATED BLK	17/0.15 0.140M 22AWG
5B05H		1	7096210006	WASHER HW3.5 S-PC	2.749.0*0.5	J559 CI		1	6140071900	WIRE,DOUBLE INSULATED BLK	17/0.15 0.140M 22AWG
5C05		2	5547136200	PLATE-MIDDLE	NAD-1600	J560		1	6130003522	WIRE,PVC RED 24AWG	7/0.2 0.280M 24AWG
5C05H		2	7000305012	SCREW BTBW	N3.0*08	J561		1	6130003577	WIRE,PVC PURPLE 24AWG	7/0.2 0.330M 24AWG
5C05H		2	7033160652	SCREW BRB	N3.0*06	J625-J633		9	5540100701	BINDER	
5C07		1	5547035800	HOLDER	NAD-7100	J641	A	1	6707020450	INSULATION TUBING T-105 AWG5/600V	0.110M BLK 4.6
5P01		6	5541002310	TOP COVER	NAD-110 (SPCC 1.0T)	J641 AI		1	6707020450	INSULATION TUBING T-105 AWG5/600V	0.110M BLK 4.6
5P01H		1	7190550003	SCREW ISO PPW ZN-PC (BLK)	N4.0*06 (10*3.6*1.0T)	J642	A	1	6119210600	WIRE,TIN COATED SOFT COPPER 0.6MM	0.050M
5P02		6	5547131500	FRONT BRACKET	NAD-7100	J642 AI		1	6119210600	WIRE,TIN COATED SOFT COPPER 0.6MM	0.050M
5P02M		1	7001170616	SCREW ISO PP	N3.0*6 HS PC	J644-J646		3	5540100701	BINDER	
5P03		5	5547132000	FRONT BRACKET	N3.0*06 TS-PC	L100	CI	1	6552001000	SPRING COIL	0.7*3*10TS
5P03M		2	7033160652	SCREW BRB	N3.0*06	P101	A	1	5556205310	TS ORN ANT TERMINAL	12-1032
5P03H		1	7033161156	SCREW BRB	N3.0*08	P101 AI		1	5556205310	TS ORN ANT TERMINAL	12-1032
5P04		6	5547131700	PLATE (R)	NAD-7100	P101 B		1	5556205300	TS ORN ANT TERMINAL	12-1032
5P04H		1	7033160652	SCREW BRB	N3.0*06	P101 BI		1	5556205300	TS ORN ANT TERMINAL	12-1030
5P05	A	1	5547131630	LEFT PLATE	NAD-1600	P101 C		1	5556205300	TS ORN ANT TERMINAL	12-1030
5P05 AI		1	5547131630	LEFT PLATE	NAD-1600	P101 CI		1	5556205300	TS ORN ANT TERMINAL	12-1030
5P05 B		1	5547131620	LEFT PLATE	NAD-1600	P116		1	5556518700	RING TERMINAL CONNECTOR	L-45MM
5P05 BI		1	5547131620	LEFT PLATE	NAD-1600	P201A		1	5556519300	6P HOUSING ASS'Y L-300	NAD-7000 300mm
5P05 C		1	5547131620	LEFT PLATE	NAD-1600	P221A		1	5556900250	3P PVC PARALLEL WIRE BLK	7/0.15 220mm 26AWG
5P05 CI		1	5547131620	LEFT PLATE	NAD-1600	P331		1	5556519600	14P HOUSING ASS'Y	NAD-7000
5P05H		4	7033160652	SCREW BRB	N3.0*06	P400A		1	5556514102	5P HOUSING ASS'Y (L-250)	7/0.15 250mm AWG26#
5P05H A		1	7033160652	SCREW BRB	N3.0*06	P501	A	1	5556308320	AC OUTLET (POLARIZED)	S-16519-02#01/HJC-030A
5P05H AI		1	7033160652	SCREW BRB	N3.0*05	P501 AI		1	5556308320	AC OUTLET (POLARIZED)	S-16519-02#01/HJC-030A
5P050		4	7000305012	SCREW BTBW	N3.0*08	P501 B		1	5556311400	AC SOCKET	S-16536#01
5P06		1	5547033800	BRACKET PLATE (R)	NAD-7100	P501 BI		1	5556312100	AC RECEPTACLE	S2-739T-100
5P06H		4	7033160652	SCREW BRB	N3.0*06	P501 C		1	5556311400	AC SOCKET	S-16536#01
5P07		13	5546322300	PLAT SPRING	NAD-7100	P501 CI		1	5556311400	AC SOCKET	S-16536#01
5P20		9	5546322900	PUSH SPRING	NAD-7100	P502	A	1	5556308320	AC OUTLET (POLARIZED)	S-16519-02#01/HJC-030A
5F28		1	5540100200	WIRE CLAMP WITH TUSE		P502 AI		1	5556308320	AC OUTLET (POLARIZED)	S-16519-02#01/HJC-030A
5S01		1	5547131810	CHASSIS	NAD-1600	P512	A	1	5556200800	LUG	3.1mm
5S01H		6	7033160652	SCREW BRB	N3.0*06	P512 AI		1	5556200800	LUG	3.1mm
5S01H		3	7033161156	SCREW BRB	N3.0*02	P701A		1	5556519200	5P HOUSING ASS'Y	NAD-7000 L-400
6B02		1	5547501200	BUSHING POWER CORD	SR-4P-4 & B-7	P702A		1	5556519100	4P HOUSING ASS'Y	NAD-7000 L-350
6B04		3	5547530400	PCB SUPPORT	SCB-15	P905A		1	5556519400	7P HOUSING ASS'Y	NAD-7000
6C01		2	5419700191	HINGER	NAD-7100	P931A		1	5556518900	11P HOUSING ASS'Y	NAD-7000
6C01H		2	7033161156	SCREW BRB	N3.0*08 TS PC	P932A		1	5556519500	10P HOUSING ASS'Y	NAD-7000 L-400
6C03	A	4	5547802120	FOOT	NAD-7100	P933A		1	5556519000	4P HOUSING ASS'Y	NAD-7000 L-350
6C03 AI		4	5547802121	RUBBER FOOT	NAD-7100 (UL 94V-0)	8504	A	1	5142427500	RES.,CARBON FILM	

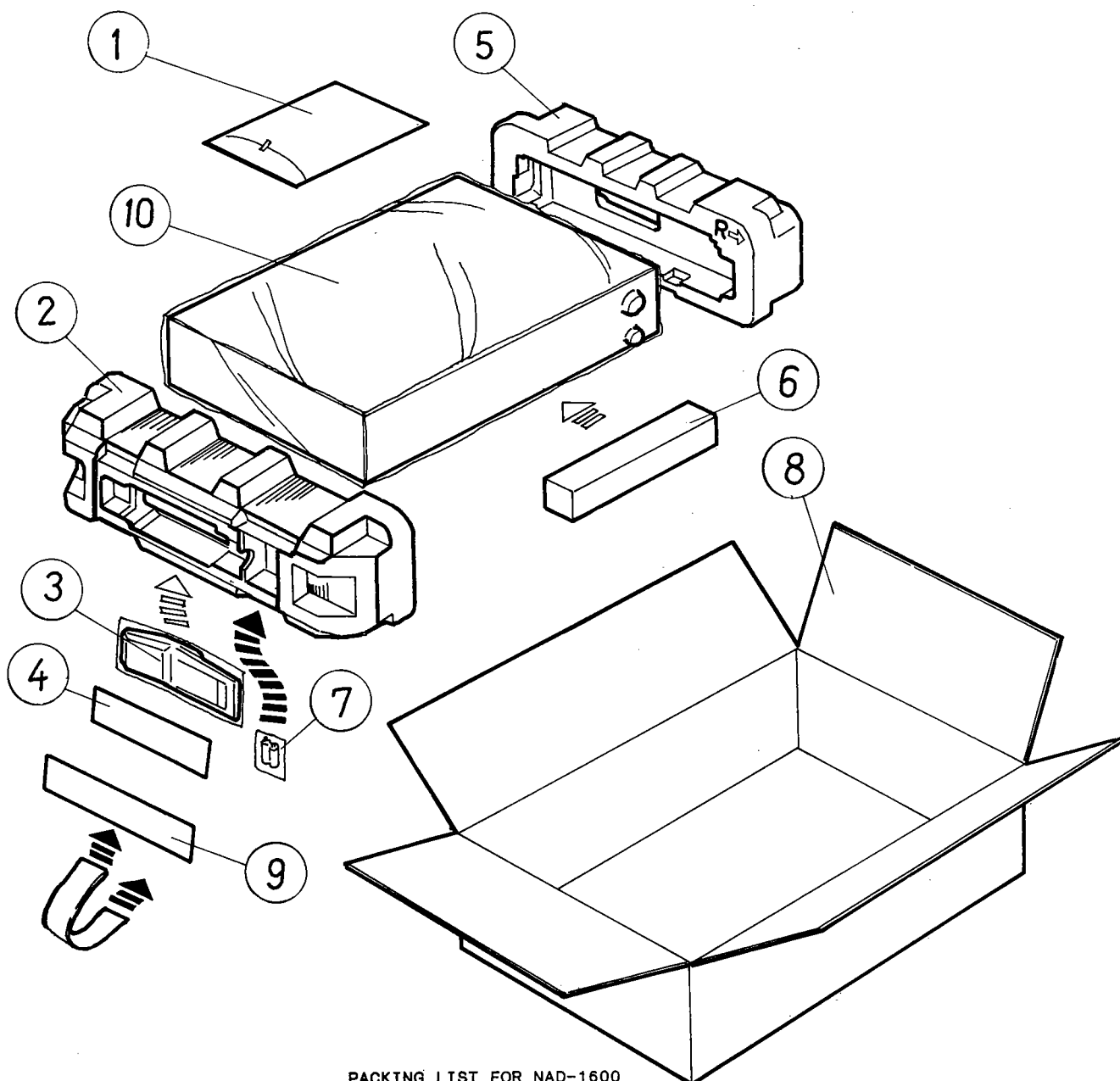
NAD-1600 EXPLODED VIEW



NAD-1600 PARTS LIST

NO.	PARTS NAME	PARTS NO.
1	HEMELON(L)	5542006110
2	KNOB,VOLUME	5541537900
3	KNOB,BALANCE	5541538000
4	KNOB,BAND	5541537300
5	CAP,TOGGLE	5531537800
6	HEMELON(S)	5542006100
7	KNOB,CONTROL	5541537510
8	BUTTON,PUSH	5541537700
9	BEZEL,SCAN	5542225800
10	KNOB,SCAN	5541537600
11	BEZEL,FUNCTION	5542225300
12	BEZEL,COPY	5542225200
13	BEZEL,LOUDNESS	5542225000
14	KNOB,PUSH(R)	5541537110
15	KNOB,PUSH(L)	5541537100
16	BEZEL,SPEAKER	5542225100
17	SPRING,PUSH	5546322900
18	KNOB,POWER	5541537200
19	PANEL,FRONT	5541213120
20	BEZEL,POWER	5542225400
21	PLATE,LEFT	5547131620
22	BRACKET,FRONT(B)	5547132000
23	BRACKET,FRONT(A)	5547131500
24	PLATE,MIDDLE	5547136200
25	PLATE,BACK(120)	5547136100
	PLATE,BACK(220)	5547136110
	PLATE,BACK(240)	5547136120
26	COVER, TOP	5541002310
27	CORD, POWER	5547501200
28	SUPPORT, PCB	5547530400
29	HEAT SINK	5545306900
30	HEAT SINK(S)	5545306910
31	TERMINAL	5546121400
32	WASHER, TOOTH	7101200352
33	WASHER, LOCK	7101201202
34	PLATE, RIGHT	5547131700
35	CHASSIS	5547131810
36	FOOT, RUBBER	5547802120
37	HINGE	5419700101
38	PLATE, AUX	5547035800
39	BRACKET PLATE, RIGHT	5547033800
40	WINDOW, RECEIVE	5542909410
42	SPRING, PLAY(A)	5546323000

PACKING DIAGRAM



PACKING LIST FOR NAD-1600

ITEM	PARTS NO.	NAME	QTY
1	9510685155	OWNERS MANUAL	1
2	9520680155	POLYLON L.	1
3	5552000200	REMOTE CONTROL TRANSMITTER	1
4	-----	R/C TRANSMITTER MANUAL	1
5	9520680255	POLYLON R.	1
6	9520685155	POLYLON BAR	1
7	6910151403	DRY BATTERY	2
8	9510680555	CARTON	1
9	9510685155	PAPER PLATE	1
10	9530680155	EPE BAG	1

NAD Electronics Ltd.
Model: 1600
Service Information
Issue 1
Date: 1 November 1990

Contact: ~~Electronics Field Engineering Centre~~
~~de Baan 6~~
~~5005 EP Hooge Maas~~
~~Netherlands~~
~~Tel: (01) 4259 2500 Fax: (01) 4259 1500~~

Notes:

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SERVICE MANUAL

1600
PREAMPLIFIER/TUNER

NAD ELECTRONICS
LONDON