

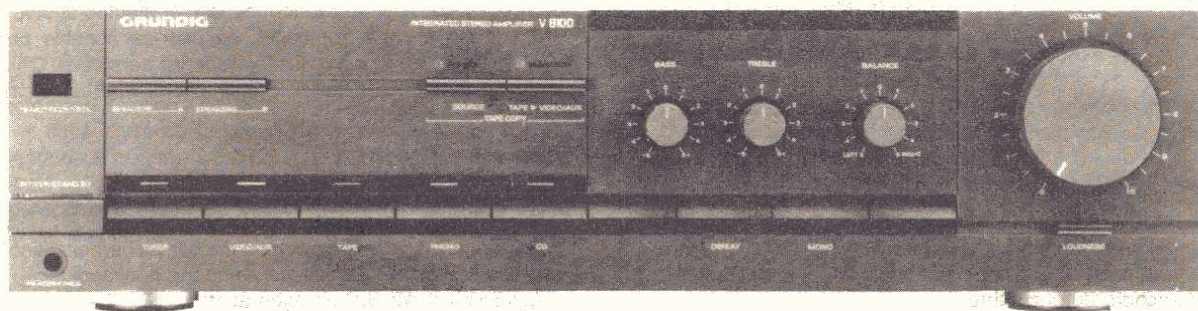
GRUNDIG SERVICE MANUAL

HIFI

Ⓛ Btx ★ 32700 #

Scan by Daniel Doll

V 8100



Ausbauhinweise

Gehäuseoberteil

- 6 Schrauben **a** herausschrauben.
- Gehäuseoberteil abnehmen.

Frontblende lösen

- Steckverbindungen zur Netzschalterplatte lösen.
- 3 Schrauben **b** lösen.
- Front nach vorne klappen.

Zur Fehlersuche bei nach vornegeklappter Front kann das Netzkabel direkt am Trafo angesteckt werden.

Bedienplatte und Reglerplatte

- Frontblende lösen.
- Reglerknöpfe abziehen.
- 3 Muttern **c** abschrauben.
- Defeattaste und Monotaste abziehen..
- 8 Schrauben **d** herausschrauben.
- Steckverbindungen abziehen.
- Die beiden Platten herausnehmen.

Lautsprecherauswahlplatte

- Frontblende lösen.
- Tasten abziehen
- 2 Schrauben **e** herausschrauben.
- Lautsprecherauswahlplatte herausnehmen.

Kopfhörerbuchsenplatte

- Frontblende lösen.
- Schraube **f** herausschrauben.
- Kopfhörerbuchsenplatte herausnehmen.

Netzschalterplatte

- Schalterknopf (bei ausgerastetem Schalter) abziehen.
- Frontblende lösen.
- 2 Schrauben **g** herausschrauben.

Lautstärkereglerplatte

- Frontblende lösen.
- Steckverbindung der LED im LS-Regler lösen.
- Drehknopf abziehen.
- Mutter **h** herausschrauben.
- Schraube **i** herausschrauben.
- Lautstärkereglerplatte herausnehmen.

NF-Platte

- Steckverbindungen lösen.
- 4 Schrauben **k** herausschrauben.
- 2 Schrauben **l** herausschrauben.
- NF-Platte herausnehmen.

Trafo

- Verbindungen lösen.
- 4 Schrauben **m** herausschrauben.
- Trafo herausnehmen.

Eingangsbuchsenplatte

- 5 Schrauben **n** herausschrauben.
- Masseverbindung zum Gehäuse ablöten.
- Eingangsbuchsenplatte herausnehmen.

Lautsprecherbuchsenplatte

- 2 Schrauben **o** herausschrauben.
- Masseverbindung zum Gehäuse ablöten.
- Lautsprecherbuchsenplatte herausnehmen.

IR-Empfängerplatte

- Lautsprecherauswahlplatte ausbauen.
- Schraube **p** herausschrauben.
- IR-Empfängerplatte herausnehmen.

Netzausgangsbuchsen

- Leiterplatte ablöten.
- Netzbuchsen ausrasten und abnehmen.

Disassembly Instructions

Cabinet top

- Undo 6 screws **a**.
- Remove the top of the cabinet.

Loosening the front panel

- Loosen the plug connections leading to the mains switch board
- Undo 3 screws **b**.
- Let down the panel towards the front.

With the front let down the mains cable can be connected directly to the transformer for fault finding.

Keyboard unit and control board

- Loosen the front panel.
- Pull off the control knobs.
- Unscrew 3 nuts **c**.
- Pull off the Defeat and Mono buttons.
- Undo 8 screws **d**.
- Pull out the plug connections.
- Take out both boards.

Loudspeaker selection board

- Loosen the front panel.
- Pull off the buttons.
- Undo 2 screws **e**.
- Remove the loudspeaker selection board.

Headphone socket board

- Loosen the front panel.
- Undo screw **f**.
- Remove the headphone socket board.

Mains switch board

- Pull the button with the switch disengaged.
- Loosen the front panel.
- Undo 2 screws **g**.

Loudspeaker control board

- Loosen the front panel.
- Loosen the LED plug connection from the LS control.
- Pull off rotary knob.
- Unscrew nut **h**.
- Undo screw **i**.
- Remove the loudspeaker control board.

AF board

- Loosen the plug connections.
- Undo 4 screws **k**.
- Undo 2 screws **l**.
- Remove the AF board.

Transformer

- Loosen the connections.
- Undo 4 screws **m**.
- Take out the transformer.

Input socket board

- Undo 5 screws **n**.
- Unsolder the chassis connection to the cabinet.
- Take out the input socket board.

Loudspeaker socket board

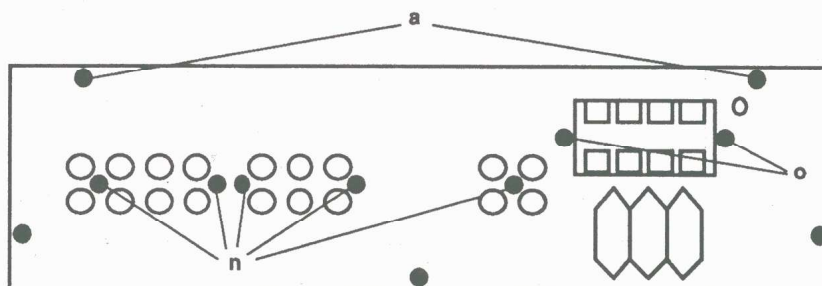
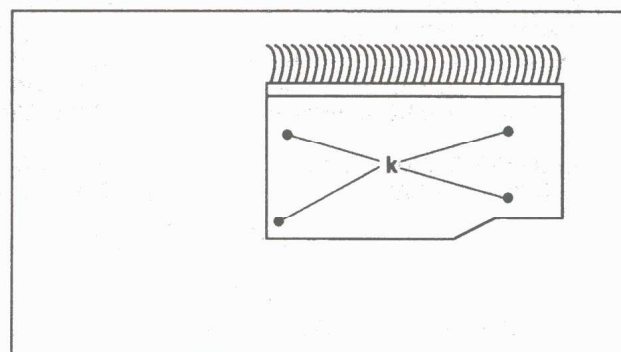
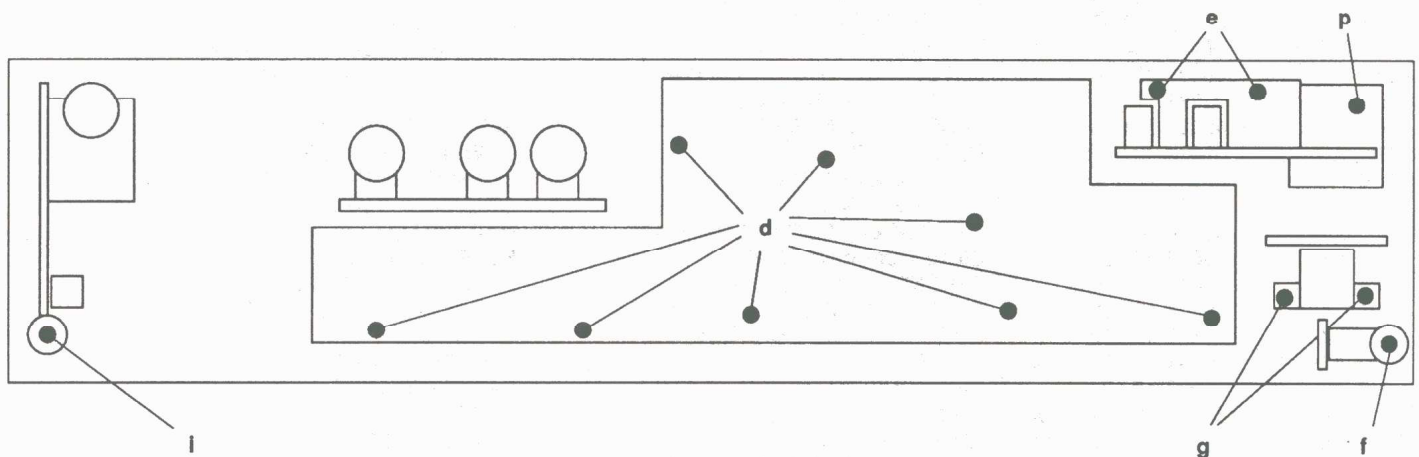
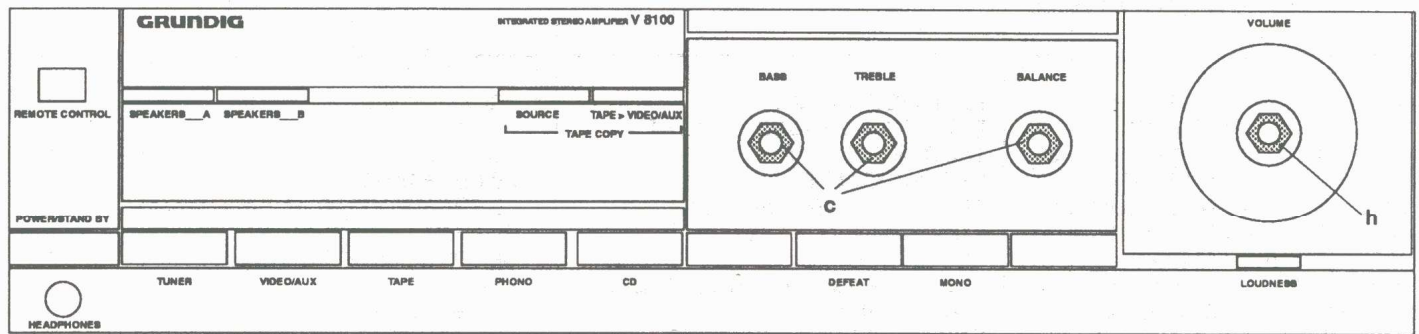
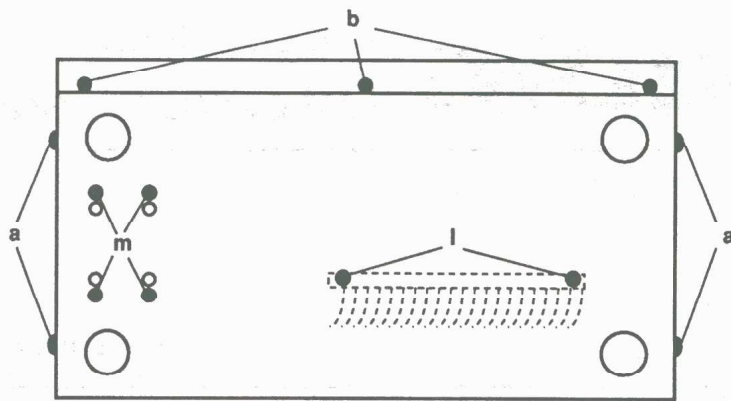
- Undo 2 screws **o**.
- Unsolder the chassis connection to the cabinet.
- Take out the loudspeaker socket board.

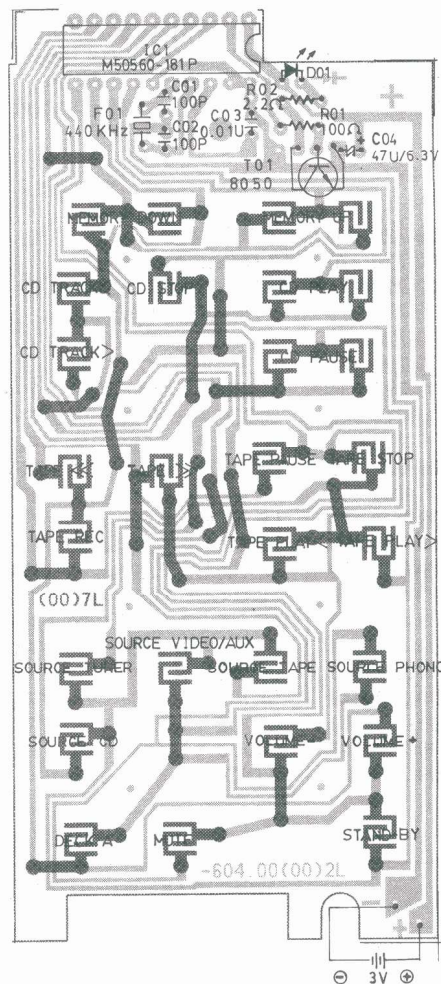
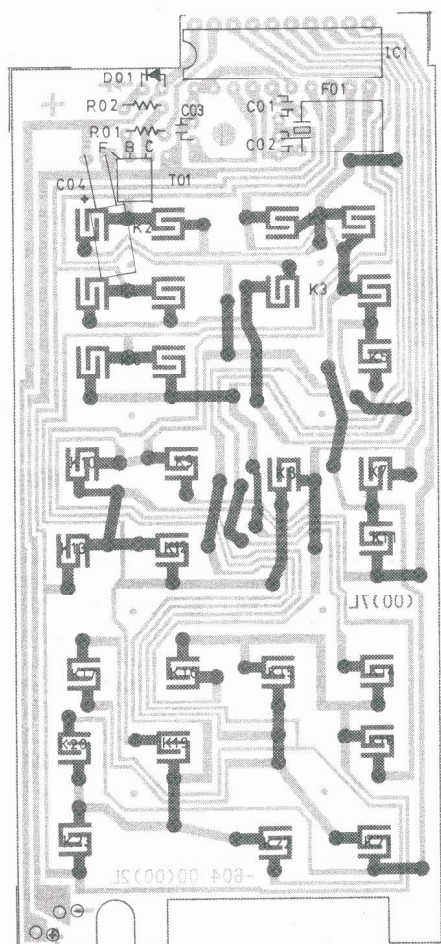
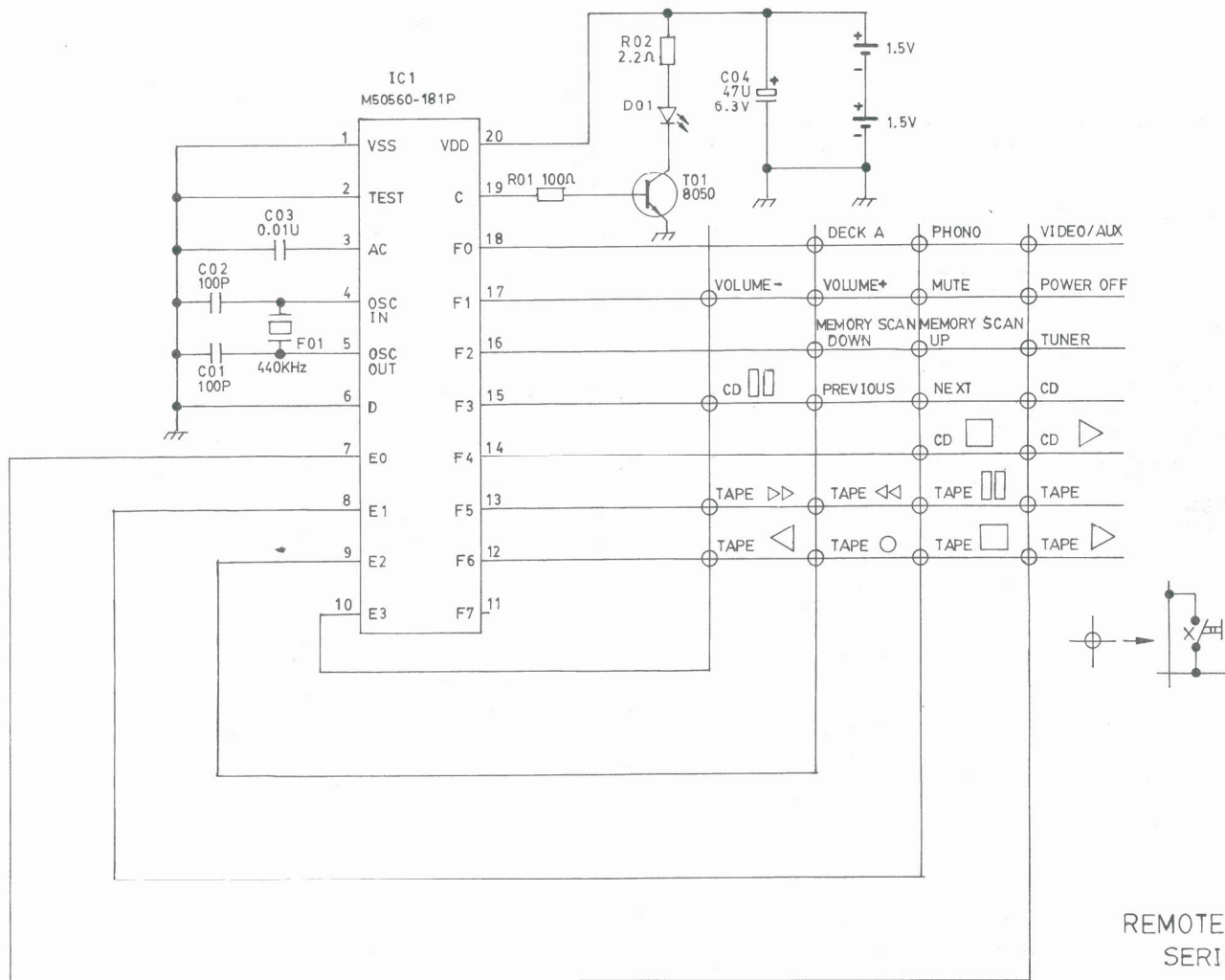
IR-Receiver Board

- Remove the loudspeaker selection board.
- Undo screw **p**.
- Take out the IR-Receiver Board.

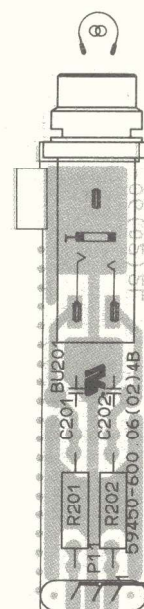
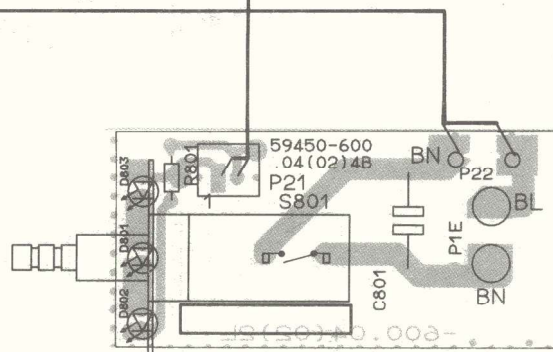
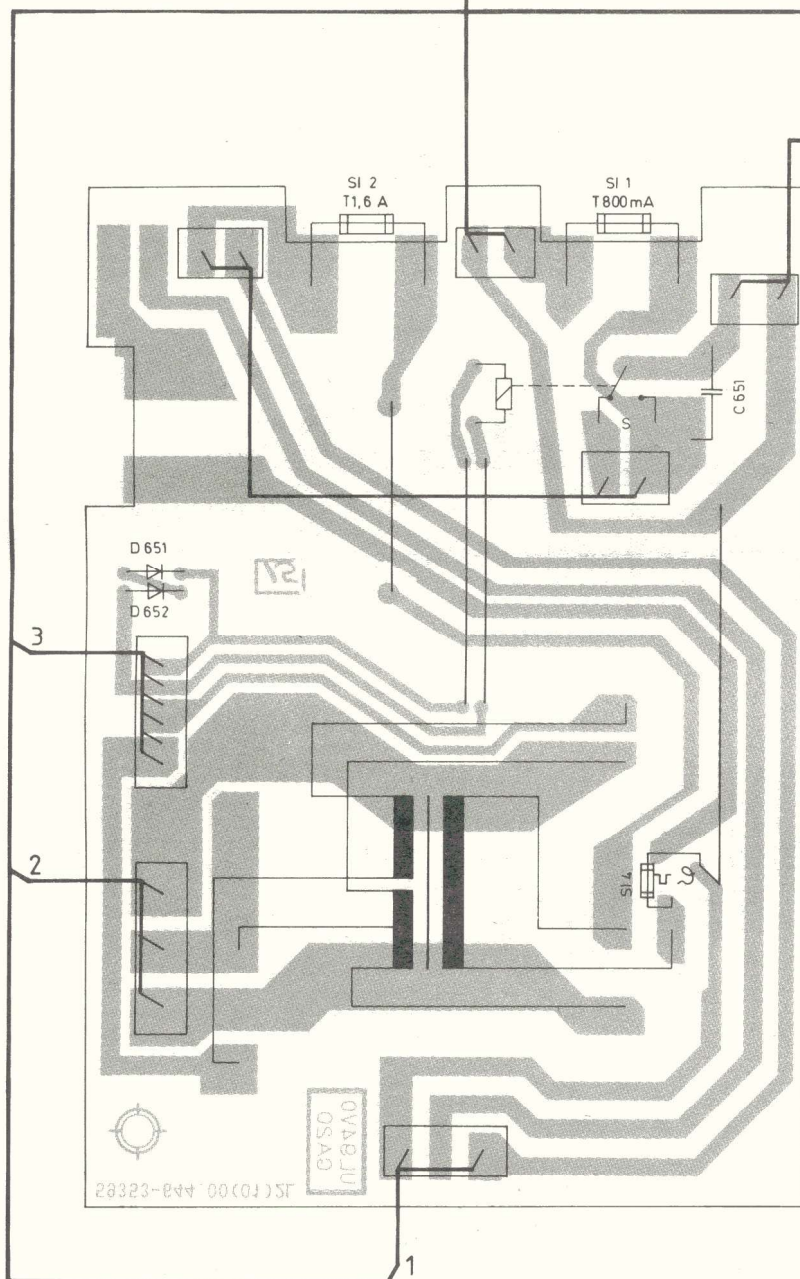
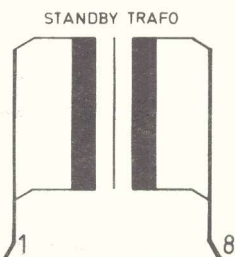
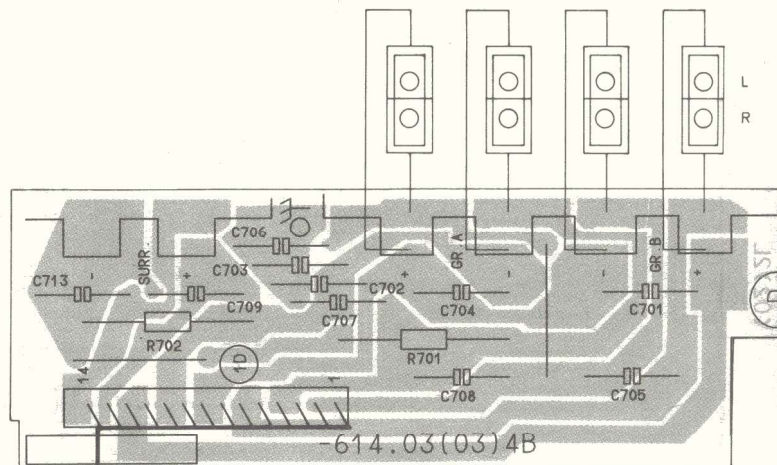
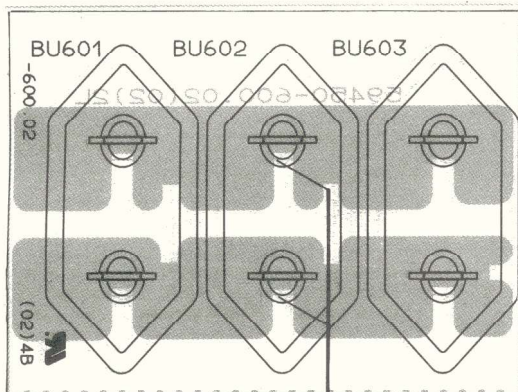
Mains output sockets

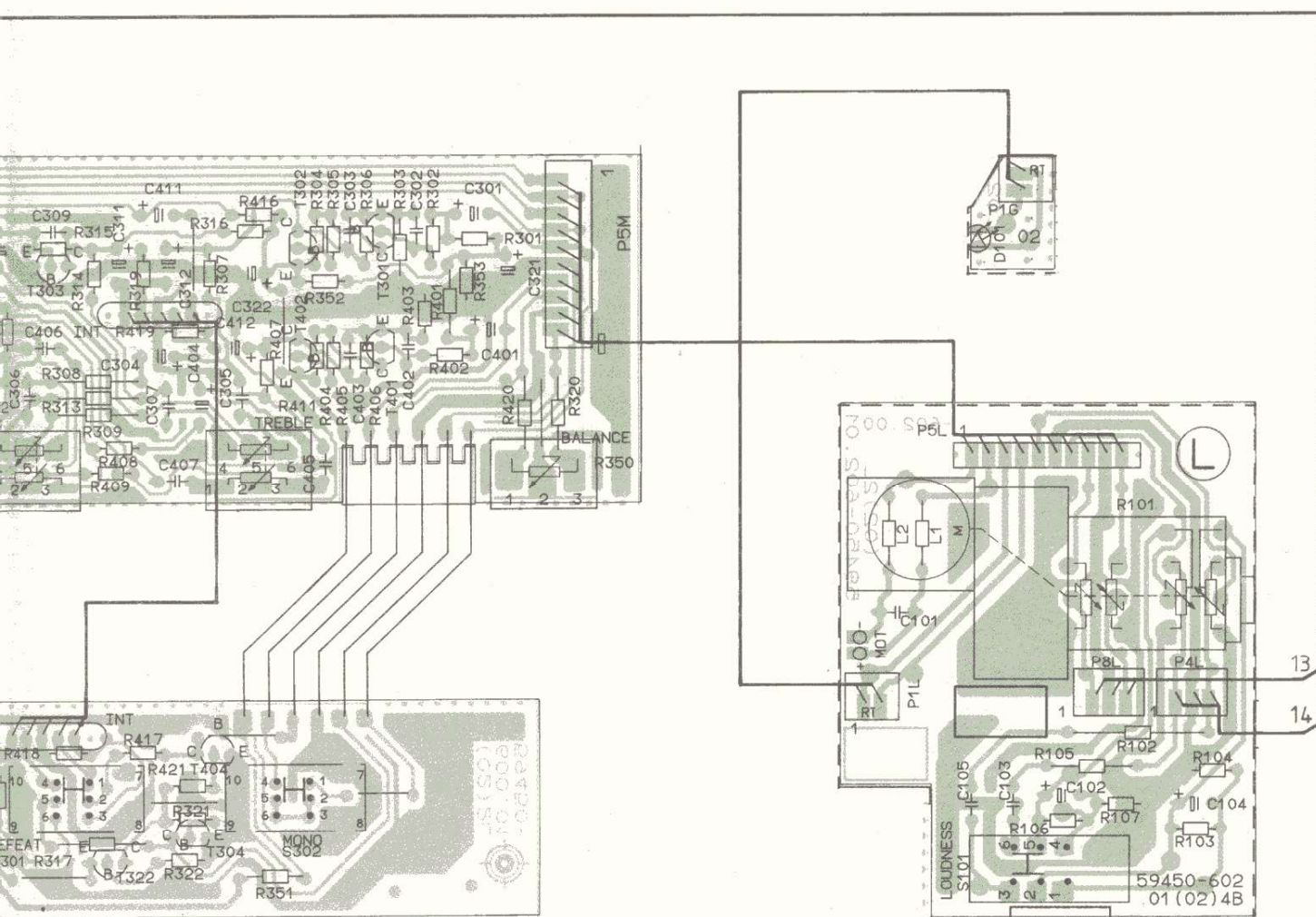
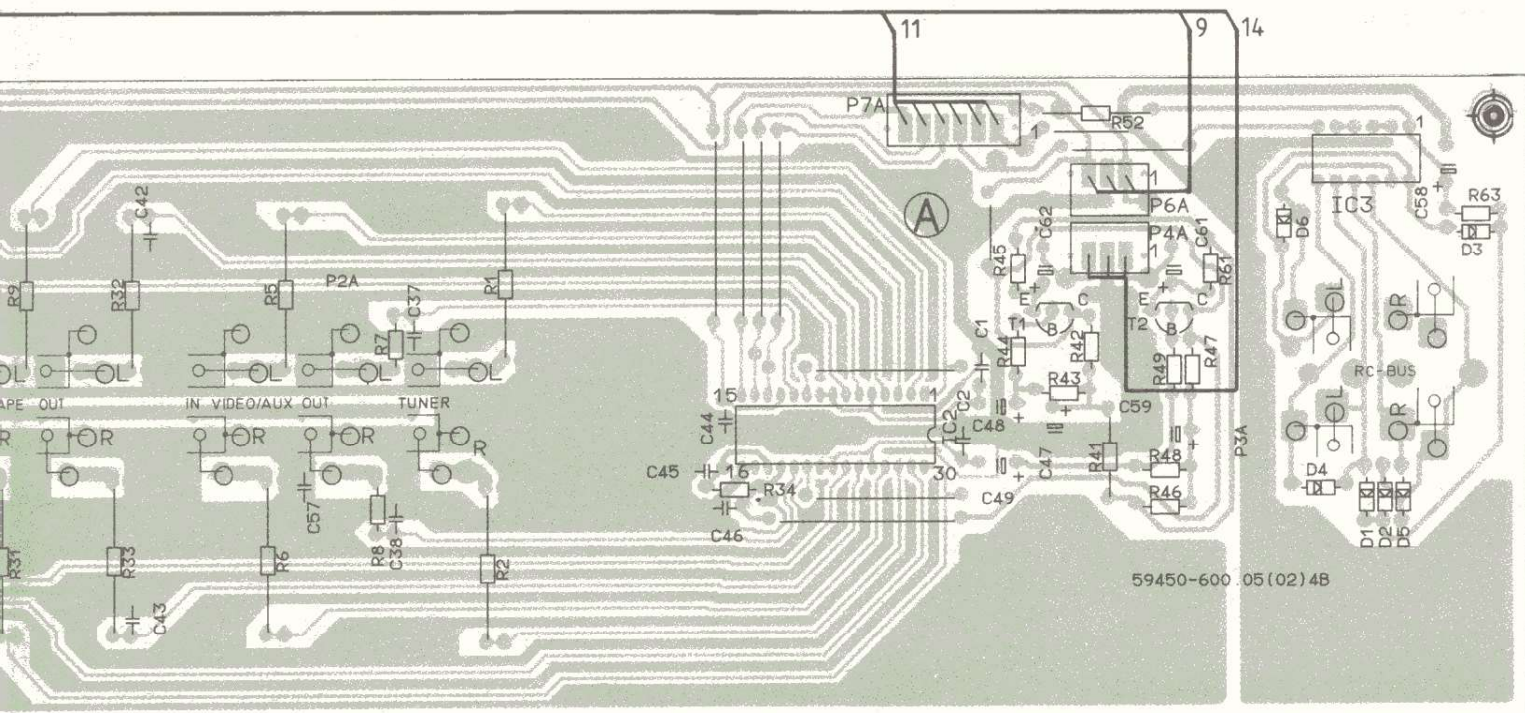
- Unsolder the circuit board.
- Disengage the mains sockets and take them out.

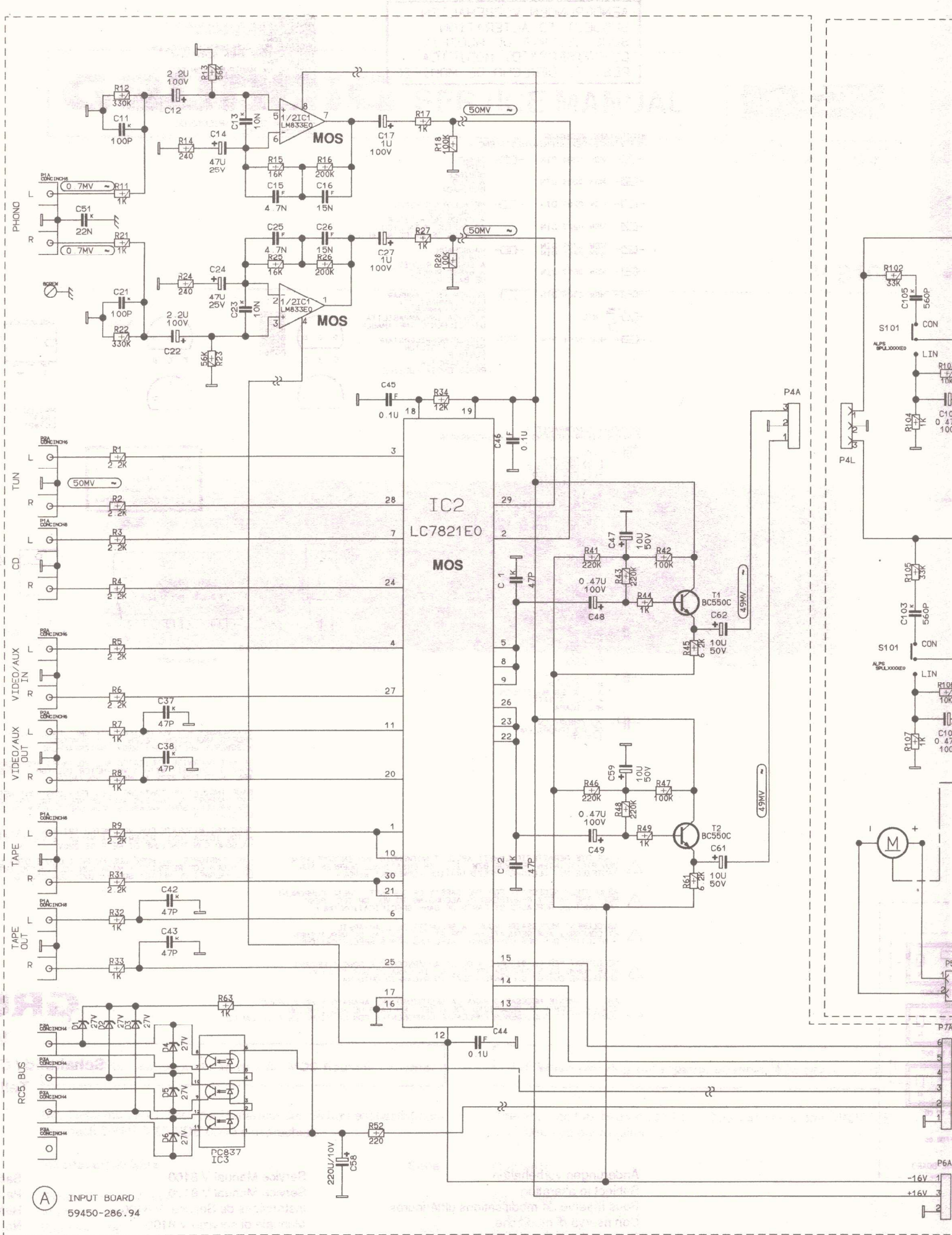




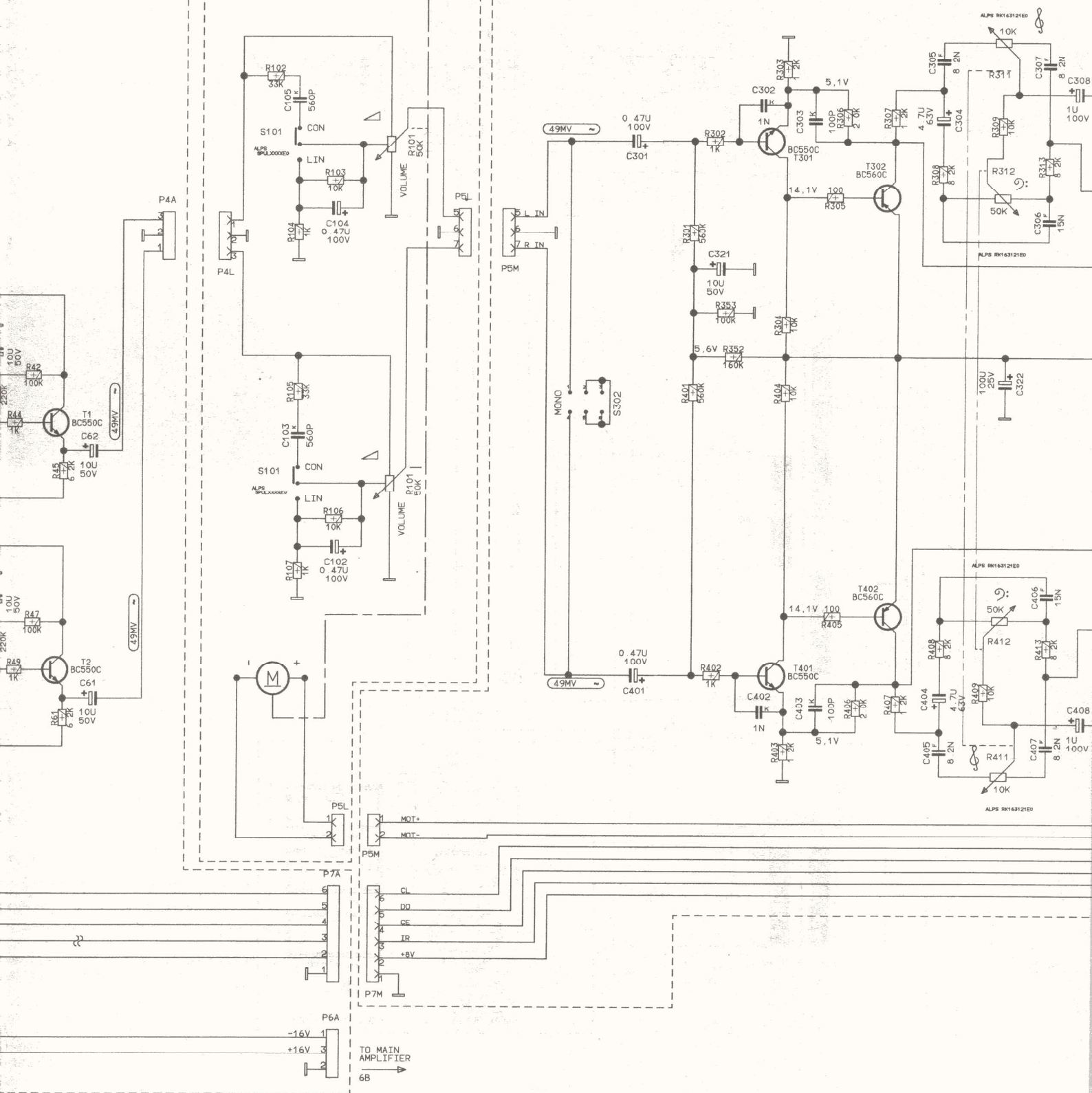
Bestückungsseite
Component Side

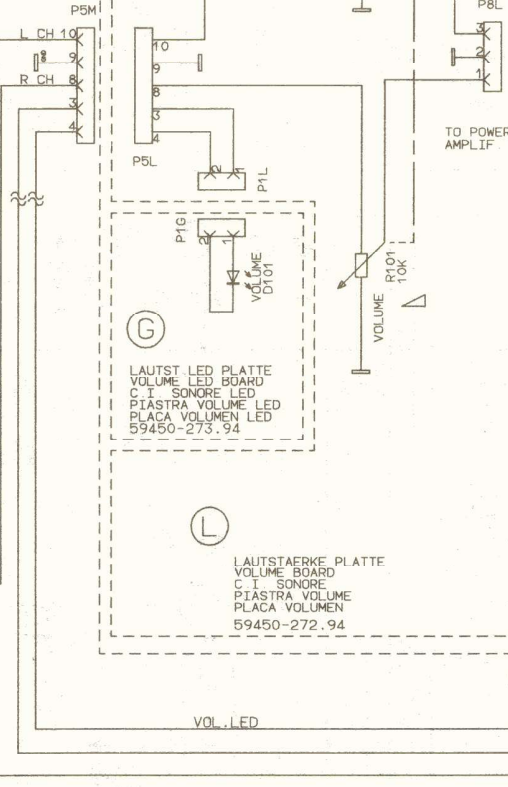
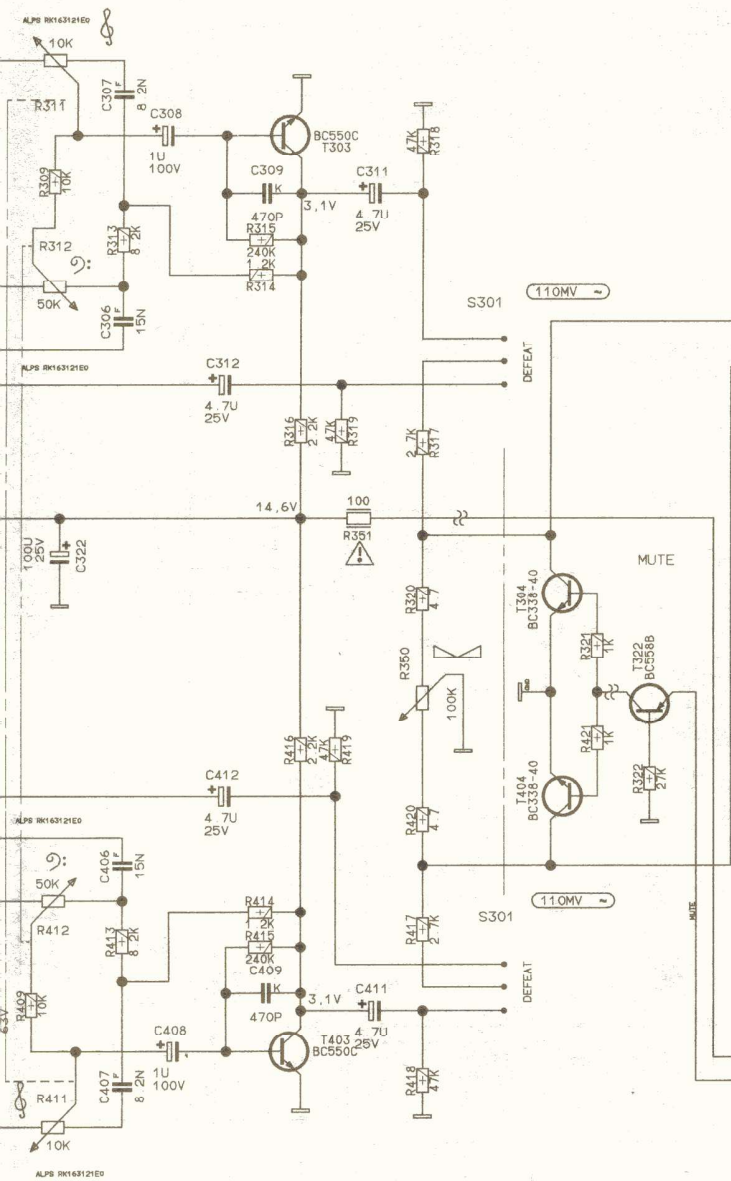




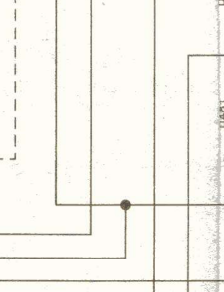
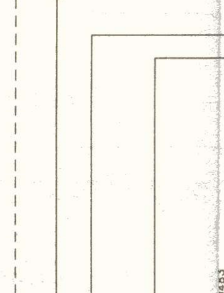
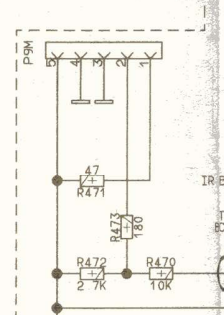
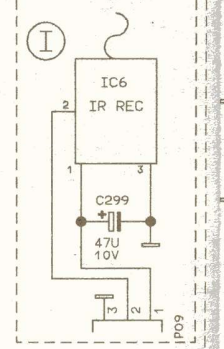


(A) INPUT BOARD
59450-286.94



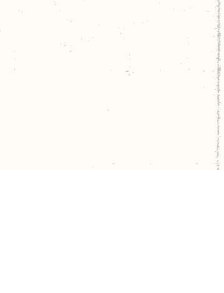
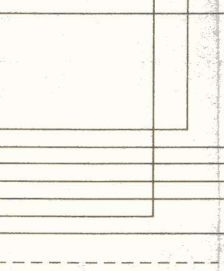


IR-EMPF-PLATTE
IR RECEIVER BOARD
C.I. RECEPTEUR IR
PIASTA RICEVIT A RI
PLACA RECEPTOR IR
59450-284.94

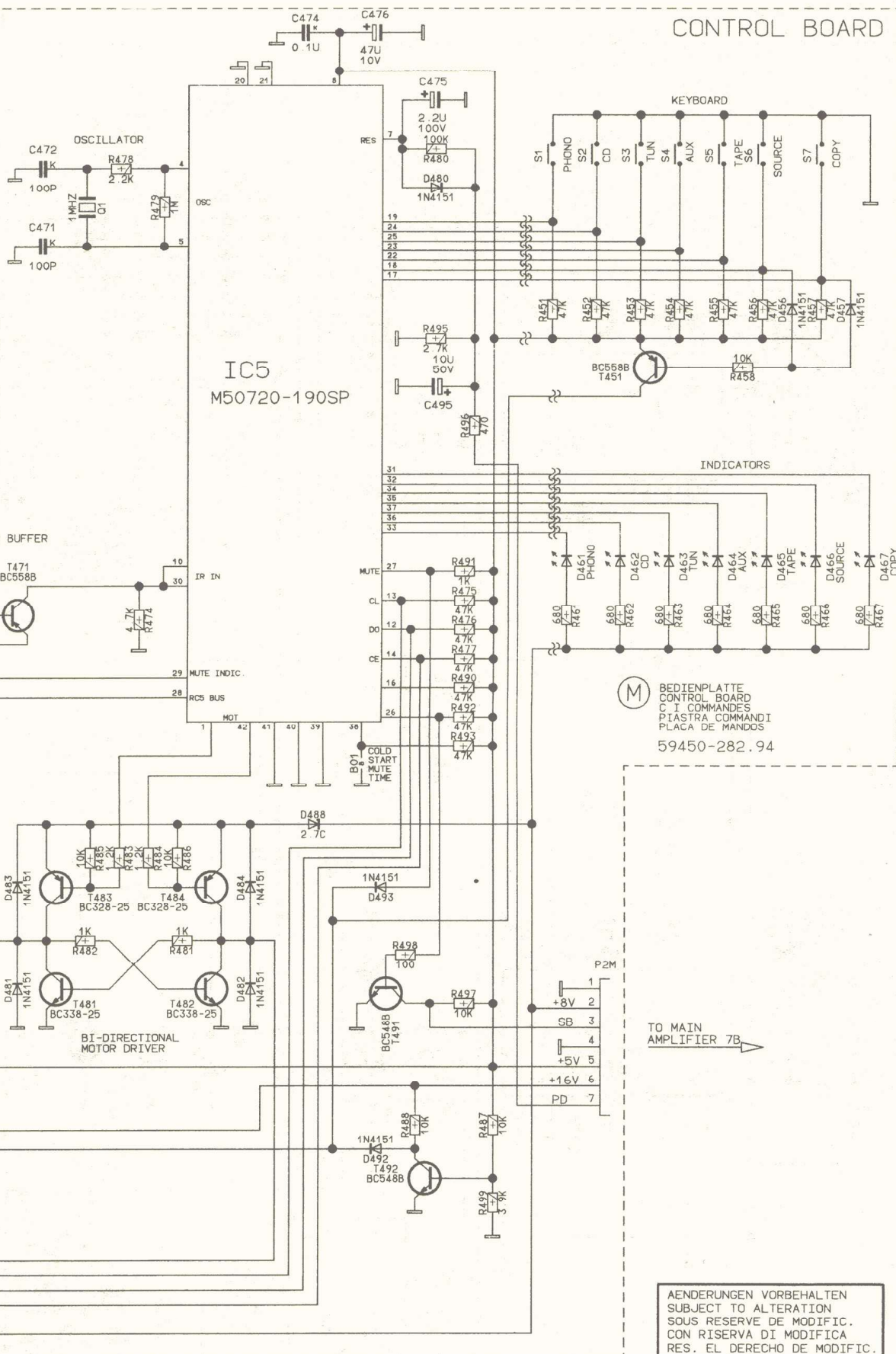
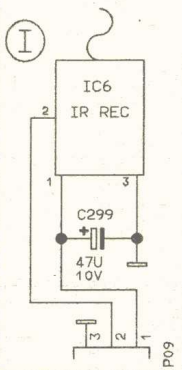


LAUTST LED PLATTE
VOLUME LED BOARD
C.I. SONORE LED
PIASTRA VOLUME
PLACA VOLUMEN LED
59450-273.94

LAUTSTAERKE PLATTE
VOLUME BOARD
C.I. SONORE
PIASTRA VOLUME
PLACA VOLUMEN
59450-272.94



IR-EMPF.-PLATTE
IR RECEIVER BOARD
C.I. RECEPTEUR IR
PIAST. RICEVITA RI
PLACA RECEPTOR IR
59450-284.94



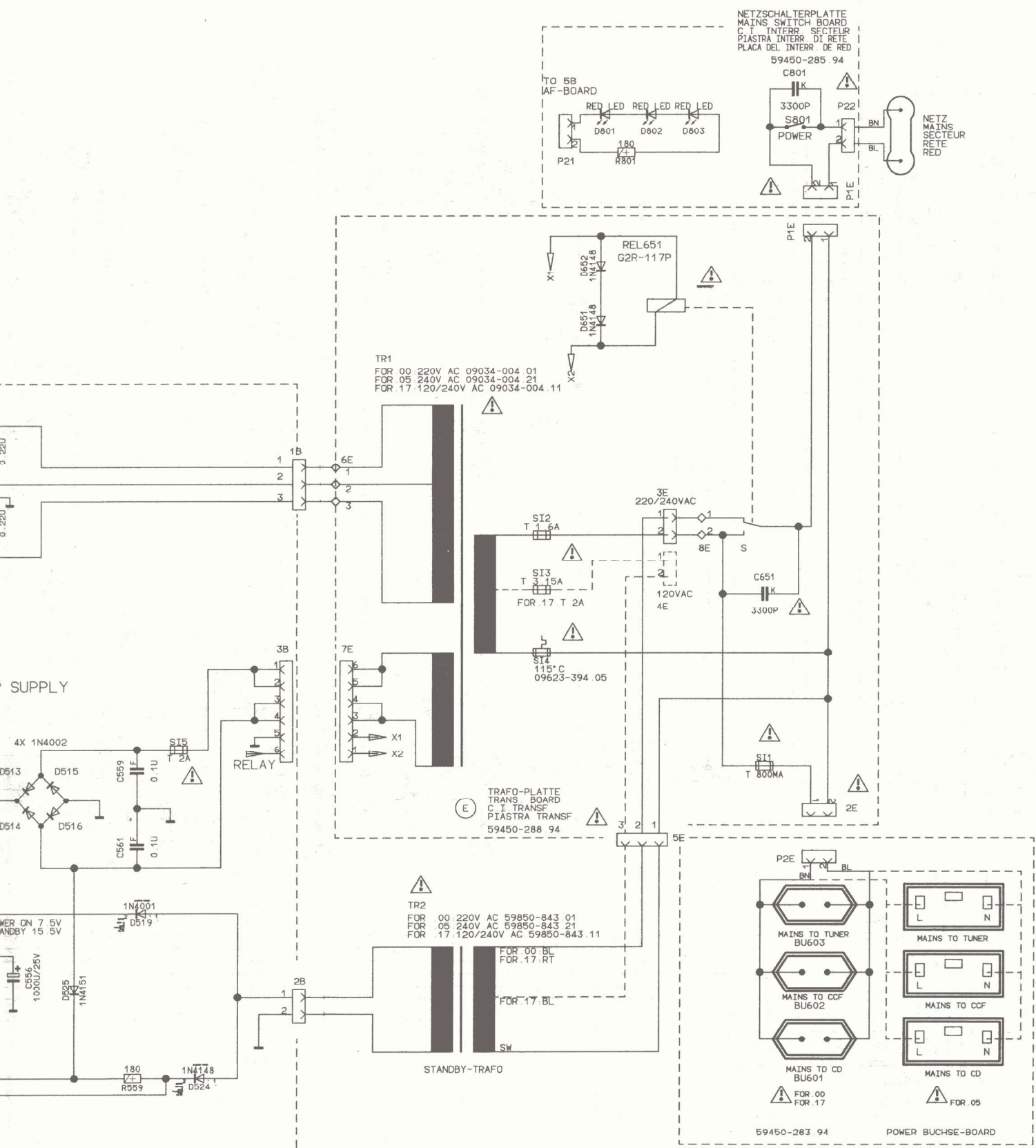
AENDERUNGEN VORBEHALTEN
SUBJECT TO ALTERATION
SOUS RESERVE DE MODIFIC.
CON RISERVA DI MODIFICA
RES. EL DERECHO DE MODIFIC.

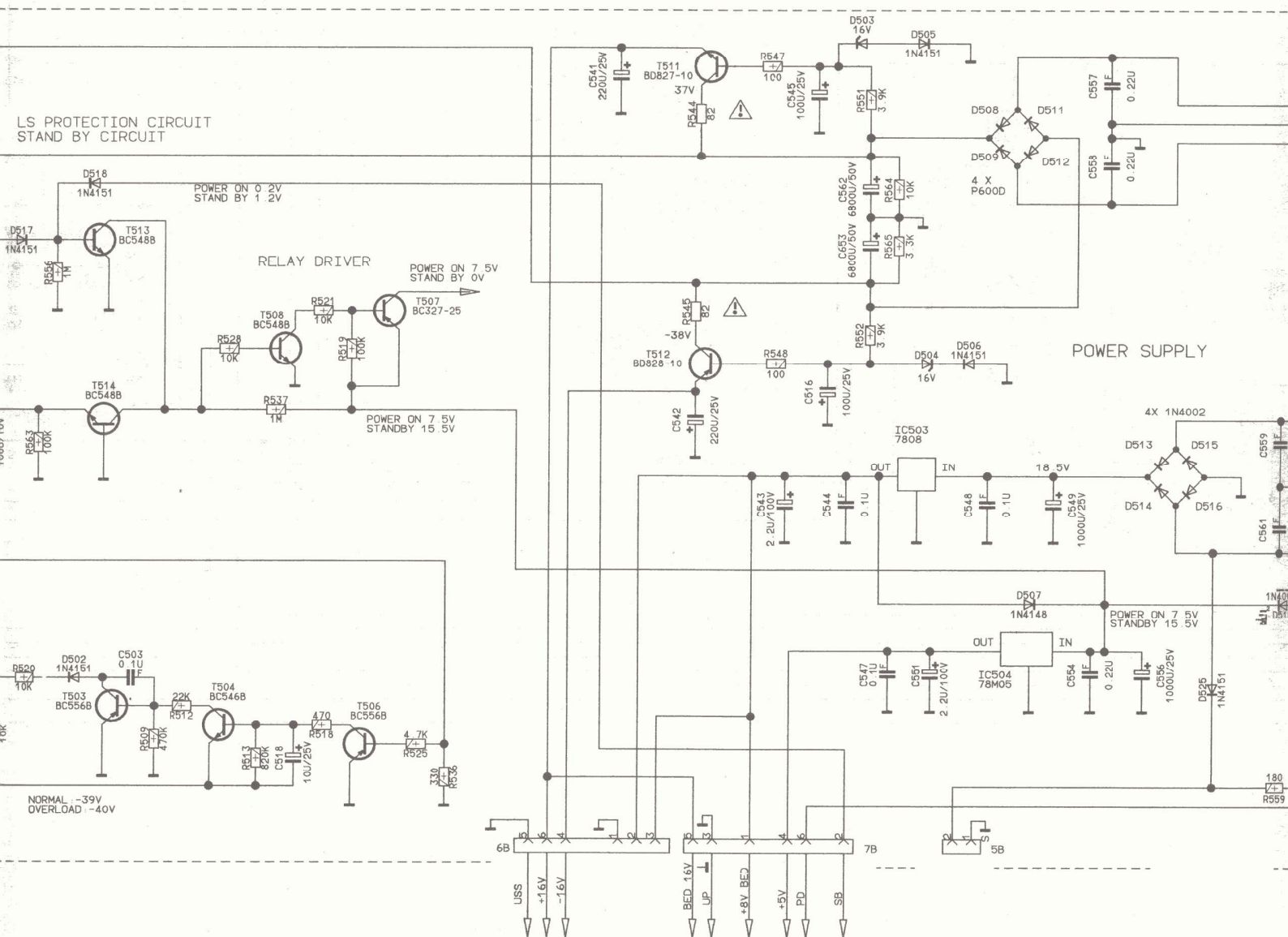
GRUNDIG

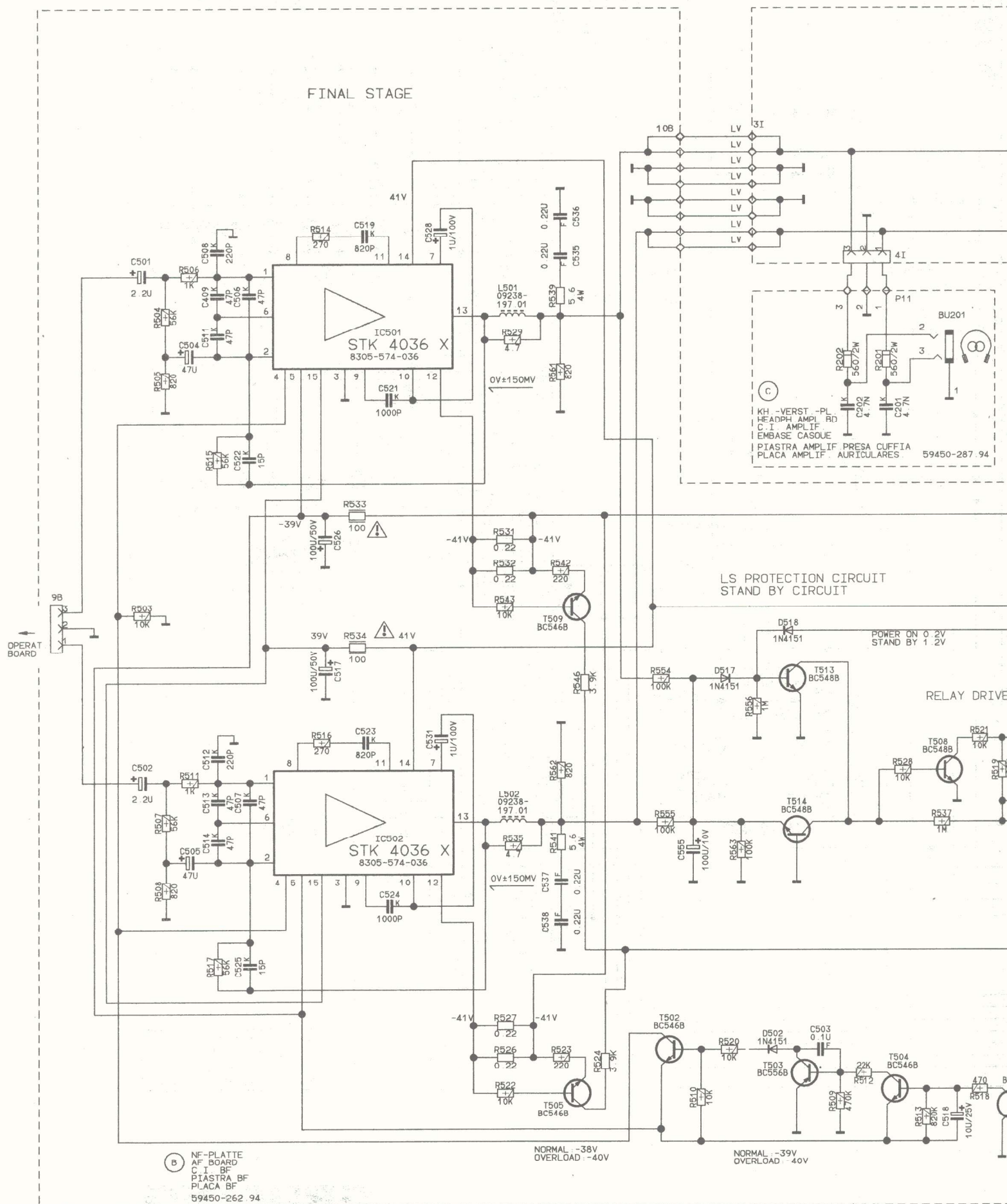
V 8100

Schaltbild / Connection diagram

Teil 1 / Part 1





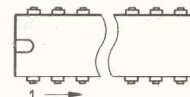
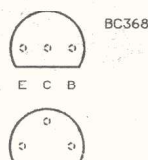
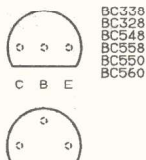


AENDERUNGEN VORBEHALTEN
 SUBJECT TO ALTERATION
 SOUS RESERVE DE MODIFIC.
 CON RISERVA DI MODIFICA
 RES. EL DERECHO DE MODIFIC.

ACHTUNG!
 VORSCHRIFTEN BEIM UMGANG MIT
 MOS-BAUTEILEN BEACHTEN!
 ATTENTION!
 OBSERVE MOS COMPONENTS HANDLING
 INSTRUCTIONS WHEN SERVICING!
 ATTENTION!
 LORS DE LA MANIPULATION DES
 CIRCUITS MOS, RESPECTER LES
 PRESCRIPTIONS MOS!
 ATTENZIONE!
 OSSERVARE LE RELATIVE PRESCRIZIONI
 DURANTE I LAVORI CON COMPONENTI MOS!
 ATENCION!
 RESPETAR EL TRATAMIENTO DE
 COMPONENTES MOS

WIDERSTAND/RESISTOR
 RESISTANCE/RESISTENZA/RESISTENCIA

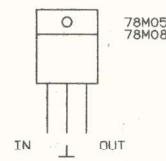
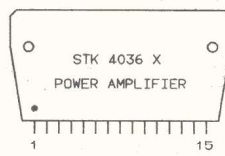
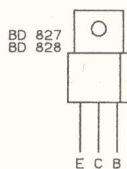
-  KSW 0204 DIN  DRAHT
WIRE
BOBINEE
A FILO
BOBINADA
-  MSW 0204 DIN  METALLOXYDSCHICHT
METAL OXIDE
A OXYDE METALLIQUE
AD OSSIDO METALLICO
DE CAPA DE OXIDO METALICO
-  KSW 0207 DIN  METALLOXYDSCHICHT
METAL OXIDE
A OXYDE METALLIQUE
AD OSSIDO METALLICO
DE CAPA DE OXIDO METALICO
-  MSW 0207 DIN  METALLOXYDSCHICHT
METAL OXIDE
A OXYDE METALLIQUE
AD OSSIDO METALLICO
DE CAPA DE OXIDO METALICO
-  KSW 0309 DIN  RAUSCHARM
LOW NOISE
A SOUFFLE REDUIT
A BASSO RUMORE
DE BAJO RUIDO
-  KSW 0411 DIN  RAUSCHARM
LOW NOISE
A SOUFFLE REDUIT
A BASSO RUMORE
DE BAJO RUIDO
-  MSW 0617 DIN  RAUSCHARM
LOW NOISE
A SOUFFLE REDUIT
A BASSO RUMORE
DE BAJO RUIDO
-  MSW 0309 DIN  SCHWER ENTLAMMBAR
LOW FLAMMABILITY
PEU INFLAMMABLE
A BASSA INFLAMMABILITA
DIFICILMENTE INFLAMMABLE
-  NTC  SICHERUNGSWIDERSTAND
SAFETY RESISTOR
FUSIBLE
DI SICUREZZA
RESISTENCIA FUSIBLE
-  MSW 0414 DIN  SICHERUNGSWIDERSTAND
SAFETY RESISTOR
FUSIBLE
DI SICUREZZA
RESISTENCIA FUSIBLE



M50720-XXXSP
 LM833
 LC7821

KONDENSATOR/CAPACITOR
 CONDENSATEUR/CONDENSATORE/CONDENSADOR

-  ELKO
ELECTROLYTIC
ELECTROLYTIQUE
ELETTROLITICO
ELECTROLITICO
-  TANTAL ELKO
TANTALUM ELECTROLYTIC
ELECTROLYTIQUE AU TANTALE
ELETTROLITICO AL TANTALIO
ELECTROLITICO DE TANTALO
-  FOLIE
FOIL
A FEUILLE
A FOGLIA
DELAMINA
-  KERAMIK
KERAMIC
CERAMIQUE
A CERAMICA
CERAMICO
-  GLIMMER
MICA
AU MICA
A MICA
DE MICA
-  VIELSCHICHT
MULTILAYER
A COUCHES MULTIPLES
A PIU' STRATI
MULTICAPA
-  POLYPROPYLEN
DE POLIPROPILENO
(KS-KP)



VON OBEN GESEHEN
 TOP VIEW
 VUE DE HAUT
 VISTA DA SOPRA
 VISTO DESDE ARRIBA

⚠ FÜR DIE GERÄTESICHERHEIT ABSOLUT NOTWENDIG UND ENTSPRECHEND
 DEN RICHTLINIEN DES VDE BZW. IEC IM ERSATZFALL DÜRFEN NUR
 BAUTEILE MIT GLEICHER SPEZIFIKATION VERWENDET WERDEN.

⚠ ABSOLUTELY NECESSARY FOR THE SAFETY OF THE SET, THESE COMPONENTS
 MEET THE SAFETY REQUIREMENTS ACCORDING TO VDE OR IEC, RESP.
 AND MUST BE REPLACED BY PARTS OF SAME SPECIFICATION ONLY.

⚠ ABSOLUMENT NECESSAIRE POUR LA SECURITE DE L'APPAREIL
 ET CONFORME AUX REGULATIONS VDE ET IEC, EN CAS DE REMPLACEMENT
 N'UTILISER QUE DES COMPOSANTS AVEC LES MEMES SPECIFICATIONS.

⚠ NECESSARI PER LA SICUREZZA DELL' APPARECCHIO E SONO CONFORMI
 ALLE NORME DI SICUREZZA VDE E IEC. IN CASA DI SOSTITUZIONE
 IMPIEGARE QUINDI SOLTANTO PEZZI IN RICAMBIO ORIGINALI.

⚠ ABSOLUTAMENTE NECESARIO PARA LA SEGURIDAD DEL APARATO Y DE ACUERDO
 CON LAS NORMAS DE SEGURIDAD VDE O IEC, EN CASO DE SUSTITUCION
 SUSTITUCION SOLO DEBEN EMPLEARSE COMPONENTES CON LA MISMA ESPECIFICACION.

SPANNUNGEN MIT VOLTMEETER (RI=10M Ω) FALLS NICHT
 ANDERS ANGEGEBEN; GEGEN MASSE GEWESSEN
 MESSWERTE GELTEN BEI 220V NETZSPANNUNG.

IF NOT OTHERWISE INDICATED ALL VOLTAGES ARE MEASURED
 AGAINST CHASSIS WITH A VOLTMETER (RI=10M Ω). THE VALUES
 ARE VALID FOR 220V AC MAINS VOLTAGES.

SAUF INDICATION CONTRAIRE, LES TENSIONS SONT MEASUREES
 PAR RAPPORT AU CHASSIS AVEC UN VOLTMETRE (RI=10M Ω).
 LES VALEURS SONT VALABLES POUR UNE TENSION SECTEUR
 DE 220V CA.

TENSIONI MISURATE CON VOLTMETRO (RI=10M Ω), SALVE
 ALTRE INDICAZIONI, RIFERITE A MASSA. I VALORI DI MISURA
 VALGONO CON TENSIONE DI RETE DI 220V.

LAS TENSIONES SIEMPRE QUE NO SE INDIQUE OTRA COSA,
 SE MIDEN CON RESPECTO A MASA CON VOLTIMETRO (RI=10M Ω).
 LOS VALORES DE MEDIDA SON VALIDOS CON 220V DE TENSION DE RED.

GRUNDIG

V 8100

Schaltbild / Connection diagram

Teil 2 / Part 2

Änderungen vorbehalten
 Subject to alteration
 Sous réserve de modifications ultérieures
 Con riserva di modifiche
 Reservado el derecho de modificación

Service Manual V 8100
 Service Manual V 8100
 Instructions de Service V 8100
 Manuale di servizio V 8100
 Manual de Servicio V 8100

Sachnummer 72010-714.25
 Part number 72010-714.25
 Référence 72010-714.25
 No. art. 72010-714.25
 Número de código 72010-714.25