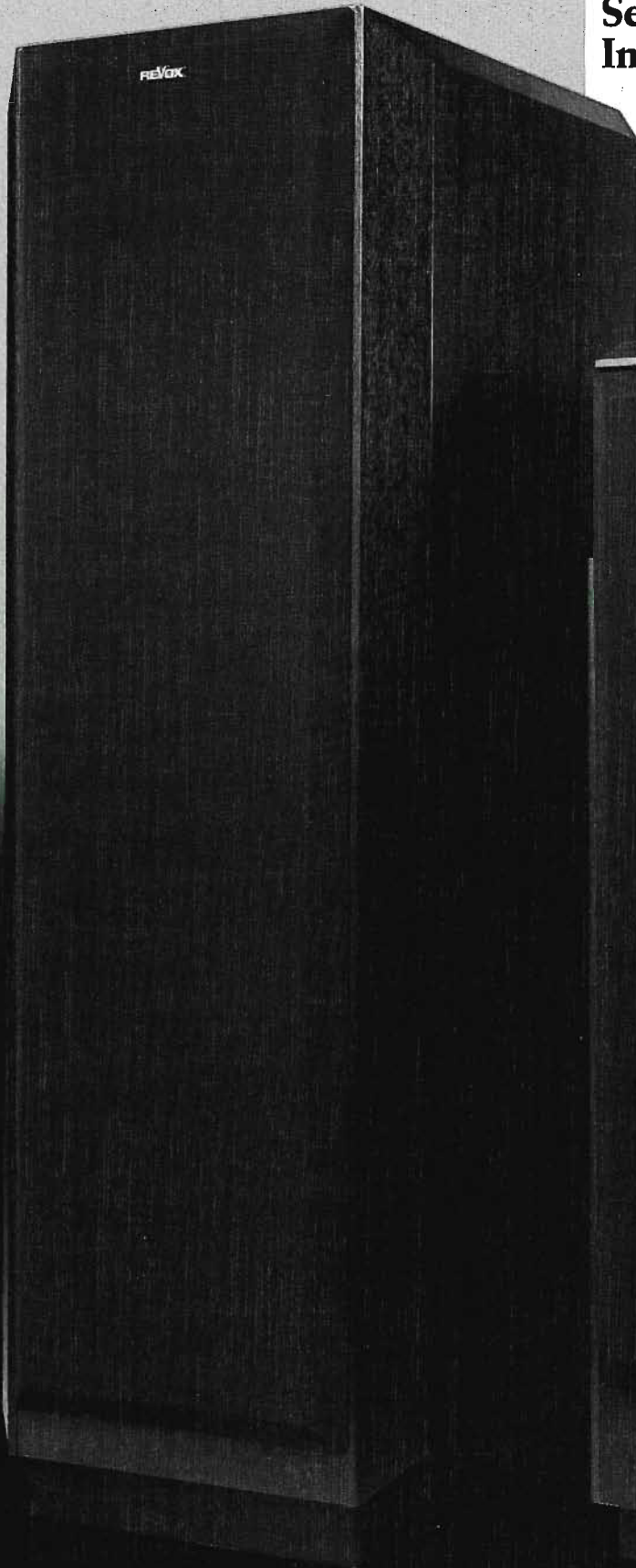


REVOX

**Agora B MKII
Agora B Slim Line**

**Serviceanleitung
Service Instructions
Instructions de service**



WICHTIG: Servicearbeiten dürfen nur vom Fachmann ausgeführt werden! Vor dem entfernen von Gehäuseteilen und elektronischen Schaltungen muss das Gerät vom Netz getrennt werden!

IMPORTANT: Service work should only be performed by authorised service centers! Be certain to disconnect the power cord before any intervention is done on the electronic circuits!

IMPORTANT: Les travaux de service ne doivent être effectués que par le spécialiste! Veuillez confier les travaux ci-dessous à votre revendeur spécialisé!

Vorsicht: Das Gerät ist in ausgeschaltetem Zustand (STANDBY) nicht von der Stromzuführung getrennt.

Attention: Cet appareil n'est pas séparé du réseau lorsqu'il est déclenché (STANDBY).

Warning: This unit is not separated from the mains supply when switched off (STANDBY).

Attenzione: Questo apparecchio non è separato dalla rete quando l'interruttore è spento (STANDBY).

Precaución: Este aparato no está separado de la red cuando está apagado (STANDBY).

Waarschuwing: In uitgeschakelde toestand (STANDBY) is het apparaat niet gescheiden van de netspanning.

Advarsel: Apparaten er ogsaa hvis lukket (STANDBY) under strom.

Huomio: Huolimatta siitä, että virtaon katkaistu laitteesta (STANDBY), sitä ei ole eristetty sähköstä.

Forsiktig: Selvom strømmen ikke er pa i apparatet (STANDBY), sa er det ikke skilt fra strom.

Varning: Oaktat om strømmen är avbruten i apparaten (STANDBY), sa är den ända kopplad med ström.

REVOX AGORA B MKII/SLIM LINE

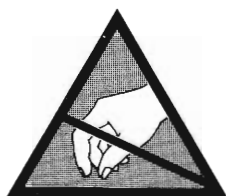
| | |
|---------------------------|---|
| <u>1. DEUTSCH</u> | Allgemeines Funktionsbeschreibung Abgleichanleitung Technische Daten |
| <u>2. ENGLISH</u> | General Functional Description Alignment Instructions Technical Data |
| <u>3. FRANCAIS</u> | Généralités Fonctionnement Instructions de réglage Caractéristiques techniques |
| <u>4.</u> | Schemata und Positionslisten / Mechanische Ersatzteile Set of schematics audio / Mechanical spare parts Schémas et listes des positions / Pièces de rechange mécanique |

Subject to change.
Printed in Switzerland by
REVOX ELA AG
TECHNICAL DOCUMENTATION
Althardstrasse 146
CH - 8105 Regensdorf-Zurich

Order No. 10.30.0192 (Ed.0390)

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Behandlung von MOS-Bauteilen

MOS-Bausteine sind besonders empfindlich auf elektrostatische Ladungen. Folgendes ist daher zu beachten:

- Elektrostatisch empfindliche Bauteile werden in Schutzverpackungen gelagert und transportiert.
- Jeder Kontakt der Elementanschlüsse mit elektrostatisch aufladbaren Materialien ist unbedingt zu vermeiden.
- Anschlüsse dürfen nur berührt werden, wenn das Handgelenk geerdet ist.
- Als Arbeitsunterlage ist eine geerdete, leitende Matte zu verwenden.
- Printkarten nicht unter Spannung herausziehen oder einstecken.

Handling MOS components

MOS components are extremely sensitive to static charges. Please observe therefore the following regulations:

- Components sensitive to static charges are stored and shipped in protective packaging. On the package you will find the symbol shown above.
- Avoid any contact of connector pins with foam packages and foil made of similar chargeable package material.
- Don't touch the connector pins if your wrist is not grounded with a conducting wristlet.
- Use a grounded conducting mat when working with sensitive components.
- Never plug or unplug PCB's containing sensitive components when the set is switched on.

Manipulation des composants MOS

Les composants MOS sont extrêmement sensibles à l'électricité statique. Veuillez donc suivre les conseils:

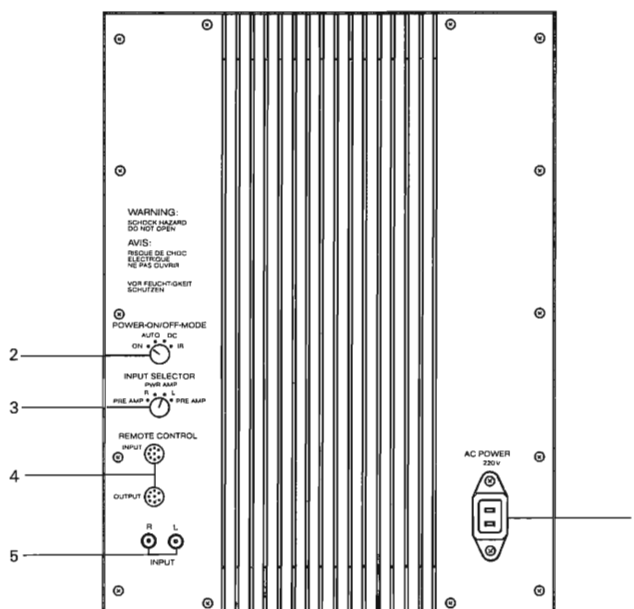
- Les composants MOS sont stockés et transportés dans des emballages protecteurs avec le symbole susmentionné.
- Evitez tout contact entre les broches des circuits et matériaux susceptible de porter une charge électrostatique.
- Ne touchez pas les broches des circuits si votre poignet n'est pas relié à la terre par bracelet conducteur.
- Utilisez un tapis conducteur relié à la terre quand vous travaillez avec des composants sensibles.
- Ne jamais enficher ou retirer des circuits imprimés si l'appareil est sous tension.

DEUTSCH

| INHALT | | Seite |
|---------------|-----------------------------------|--------------|
| 1. | ALLGEMEINES | |
| 1.1 | Bedienungs- und Anschlusselemente | D 1 |
| 2. | Funktionsbeschreibung | |
| 2.1 | Blockdiagramm | D 2 |
| 2.2 | BASIS BOARD | D 3 |
| 2.3 | POWER AMPLIFIER BOARD | D 3 |
| 3. | ABGLEICHANLEITUNG | |
| 3.1 | Allgemeines | D 4 |
| 3.2 | Ruhestromeinstellung | D 4 |
| 3.3 | Bassregelung | D 4 |
| 4. | TECHNISCHE DATEN | D 5 |

1. ALLGEMEINES

1.1 Bedienungs- und Anschlusselemente



[1] AC Power

Netzanschluss

[2] ON/OFF Mode

Drehesalter mit vier Positionen:

ON: Gerät ist eingeschaltet, solange es mit dem Netz verbunden ist

AUTO: Gerät schaltet sich aus dem STANDBY-Status selbsttätig ein, wenn ein Eingangssignal anliegt. Bei fehlendem Eingangssignal wird nach ca. 5Min. automatisch auf STANDBY zurückgeschaltet.

DC: Einschalten bei >9V DC ; Ausschalten bei <5V DC.

Anschlussbelegung: Pin 6 (Masse [-]), Pin 8 (0...30V DC) an den Buchsen REMOTE CONTROL INPUT/OUTPUT.

IR: Ein-/Ausschaltautomatik in Verbindung mit der Subzentrale B209.

[3] INPUT SELECTOR

Drehesalter mit vier Positionen:

PRE-AMP R: Betrieb als Box rechts, angeschlossen am Vorverstärker-Ausgang.

PWR-AMP R: Betrieb als Box rechts, angeschlossen am Vollverstärker-Ausgang.

PWR-AMP L: Betrieb als Box links, angeschlossen am Vollverstärker-Ausgang.

PRE-AMP L: Betrieb als Box links, angeschlossen am Vorverstärker-Ausgang.

[4] REMOTE CONTROL

INPUT: Anschluss der Subzentrale B209 oder Eingang der 1.AGORA-Box bei durchgeschlaufener Verkabelung.

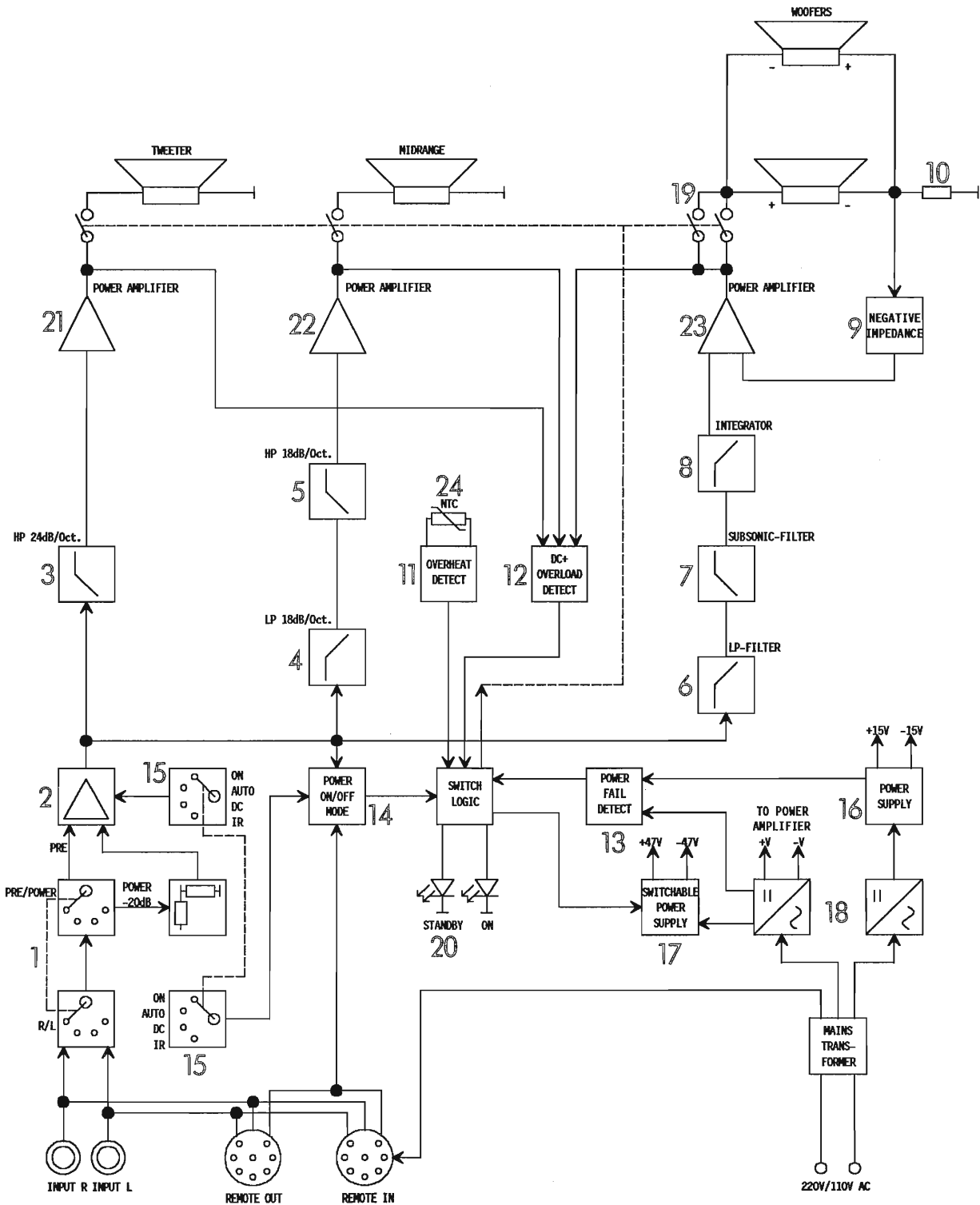
OUTPUT: Anschluss zur weiteren AGORA bei durchgeschlaufener Verkabelung (zu Buchse REMOTE INPUT).

[5] INPUT R/L

CINCH-Anschlüsse für Audio-Eingangssignal.

2. FUNKTIONSBESCHREIBUNG

2.1 Blockdiagramm



2.2 BASIS BOARD

Das NF-Signal passiert nach dem passiven Tiefpass (HF-Unterdrückung) den Wahlschalter [1] für die Eingangsempfindlichkeit (PRE-AMP / PWR-AMP). Darauf folgt die Eingangs-Verstärkerstufe [2], die das NF-Signal soweit verstärkt, dass die Endstufen bei Nenneingangspegel voll ausgesteuert werden. Beim Betrieb mit der IR-Option B209 überbrückt der FET-Schalter den Verstärker (Fremdspannungsabstand). Nach der Verstärkerstufe befindet sich die aktive Dreiweg-Frequenzweiche bestehend aus:

- Hochpassfilter [3] 4.Ord. (Hochtöner)
- Tiefpassfilter [4] 3.Ord. / Hochpassfilter [5] 3.Ord. (Mitteltöner)
- Tiefpassfilter [6] 3.Ord. / Subsonicfilter [7] 3.Ord. (Tieftöner).

Die Filter legen den frequenzmässigen Arbeitsbereich der Lautsprecher fest und steuern deren Endstufen an. Tieffrequente Rumpelgeräusche ($f < 35\text{Hz}$) werden durch das Subsonicfilter [7] unterdrückt. Der Integrator [8] (Vorentzerrung) bildet zusammen mit der Negativ-Impedanz [9] (R/L) und dem Shunt [10] in der Lautsprecher-Masseleitung den "Rechner" zur Steuerung des Basslautsprechers (Kompensationsgrad über Potentiometer einstellbar).

Alle Schutzschaltungen (Uebertemperatur [11], DC, Ueberlast [12], Unterspannung [13]) und die ON/OFF-Leitung sind über Wired-Or verschaltet. Auf die ON-/OFF-Leitung [14] sind die vier möglichen EIN-/AUS-Schaltungen [15] wahlweise zuschaltbar.

Sind all diese Leitungen passiv (High), so gibt die Timing-Schaltung zuerst die Treiber- [16], Vor- [17] und Endstufenspeisung [18] frei, anschliessend die Lautsprecher-Ausgänge [19]. Tritt während des Betriebs ein Defekt auf, oder ist das Ausschalten der Box erwünscht, so sorgt sie auch für den richtigen Ablauf beim Ausschalten, zuerst die Lautsprecher-Ausgänge und erst dann die Speisung. Der jeweilige Betriebszustand wird mittels zweier LED (rot/grün) [20] angezeigt.

Der Eingangs-Verstärker (frequenzselektiv) der NF-Einschaltautomatik ist so dimensioniert, dass dieser bei einem NF-Pegel von $0,2/2\text{mV}$ aktiviert wird. Die Abschalt-Verzögerung (bei Ausbleiben der NF) wird durch einen rückgekoppelten Zähler definiert. Beim Anschluss der AGORA B MKII/SLIM LINE ans Netz ist eine Initialisierungsphase der NF-Einschaltautomatik abzuwarten.

Der DC-Schalteingang ist durch einen Optokoppler von der Speisung der Box galvanisch getrennt (Vermeidung von Masseschleifen).

Das +15V/-15V - Netzteil [16] und das Endstufen - Netzteil [18] werden aus zwei separaten Trafowicklungen (Mittelanzapfung) versorgt (geringere gegenseitige Beeinflussung, Massenführung unkritischer). Die dritte Sekundär - Wicklung dient der Speisung der externen IR-Option.

Aus der Endstufen-Speisung [18] wird die schaltbare Vorstufen-Speisung [17] (geringerer Rippel, stabiler) abgeleitet.

2.3 POWER AMPLIFIER BOARD

Die Schaltungstechnik der drei (fast) identischen Endstufen [21-23] baut auf derjenigen des B285 und der AGORA B auf. Die Vor- und Treiberstufen sind asymmetrisch ausgelegt. Die Ruhestromeinstellung (20mA pro Transistor-Paar) erfolgt jeweils durch einen Trimmer.

Nebst den erwähnten Endstufen sind auf derselben Baugruppe das Ausgangsrelais, der Temperaturfühler [24] (NTC), die Shuntwiderstände [10] und die DC-/Ueberlastschutz-Netzwerke [12] plazierte.

3. ABGLEICHANLEITUNG

3.1 Allgemeines

Messgeräte: 1 Generator, 1 Oszilloskop, 1 DC-Voltmeter

Wichtig: Alle Potentiometer (RA 1 => 1.085.414/415.00 / RA 200/300/400
=> 1.085.416.00) müssen an den linken Anschlag gedreht werden.

3.2 Ruhestromeinstellung

Um die Ruhestromeinstellung vorzunehmen, darf keine Quelle angeschlossen sein. Gemessen wird jeweils über den entsprechenden Emitterwiderstand.

- Voltmeter anschliessen an R237. Mittels RA200 6,6mV (+/-0,5mV) einstellen.
- Voltmeter anschliessen an R337. Mittels RA300 6,6mV (+/-0,5mV) einstellen.
- Voltmeter anschliessen an R437. Mittels RA400 4,4mV (+/-0,5mV) einstellen.

3.3 Bassregelung

Um die Bassregelung einstellen zu können, muss am Eingang ein Generator angeschlossen werden. Gemessen wird parallel zum Basslautsprecher.

- U_{out} mit Basslautsprecher belasten.
- Poti RA1 an den linken Anschlag drehen ($U_{out (Leerlauf)}$ 250mV/165Hz).
- Mittels Poti RA1 $U_{out (Last)}$ auf 1V einstellen.

4. TECHNISCHE DATEN

AKUSTISCHE DATEN

| | | |
|-------------------------------------|--|--|
| Uebertragungsbereich (Din 45500) | | 24Hz...42kHz |
| Frequenzgang (-3dB) | | 40Hz...22kHz |
| Klirrfaktor K_{tot} | Uebertragungsbereich in 1m Abstand: bei Schalldruck 82dB SPL bei Schalldruck 88dB SPL | 45Hz...20kHz max.0,5% max.1,0% |
| Erzielbarer Schalldruckpegel | Wohnraum 100m ³ , mittlere Nachhallzeit 0,4s, in 2m Abstand, 2 Aktivlautsprecher gleichzeitig in Betrieb: | 113dB SPL |
| Lautsprecherbestückung | Tieftonlautsprecher Mitteltonlautsprecher Hochtonlautsprecher | 2x220mm 122mm 25mm |
| Magnetische Flussdichte | Tieftonlautsprecher Mitteltonlautsprecher Hochtonlautsprecher | 2x1,1T 1,1T 1,7T |
| Magnetischer Fluss | Tieftonlautsprecher Mitteltonlautsprecher Hochtonlautsprecher | 2x541uWb 539uWb 412uWb |

ELEKTRISCHE DATEN

| | | |
|---|---|----------------------------|
| Eingänge | Empfindlichkeit für 100dB SPL in 1m Abstand: -Schalter in Pos. PRE-AMP -Schalter in Pos. PWR-AMP | 0,35V/47kOhm 3,5V/1kOhm |
| Betriebsarten | ON: Dauerbetrieb ein AUTO: Ein/Aus über Audio DC: Ein/Aus über DC-Spannung IR: Ein/Aus über B209 | |
| Ausschaltverzögerung der Ein-/Ausschaltautomatik | | ca.5Min. |
| Empfindlichkeit der Ein-/Ausschaltautomatik | - "PRE-AMP" - "PWR-AMP" | 0,25mV 2,5mV |
| DC-Scaltschwellen | | Ein: >9V Aus: <5V |

ALLGEMEINE DATEN

| | | |
|---------------------|---|-------------------------|
| Stromversorgung | 240/220/110V +/-10% intern umlötbar 50...60Hz | |
| Netzsicherungen | 220/240V: 110V: | T1,6A T3,15A |
| Leistungsaufnahme | -Bereitschaft ("Stand-by") -Maximal (100dB SPL in 1m) | <7W 400W |
| Betriebsbedingungen | -Umgebungstemperatur -relative Luftfeuchtigkeit (DIN40040) | +10...+40°C Klasse F |
| Gewicht | 38,5kg (AGORA B MKII) 43,5kg (AGORA B SLIM LINE) | |
| Gehäuseausführungen | Nussbaum dunkel, Esche schwarz, Klavierlack schwarz oder weiss | |
| Abmessungen (HxBxT) | 790x386x435 mm AGORA B MKII 1000x334x395 mm AGORA B SLIM LINE | |

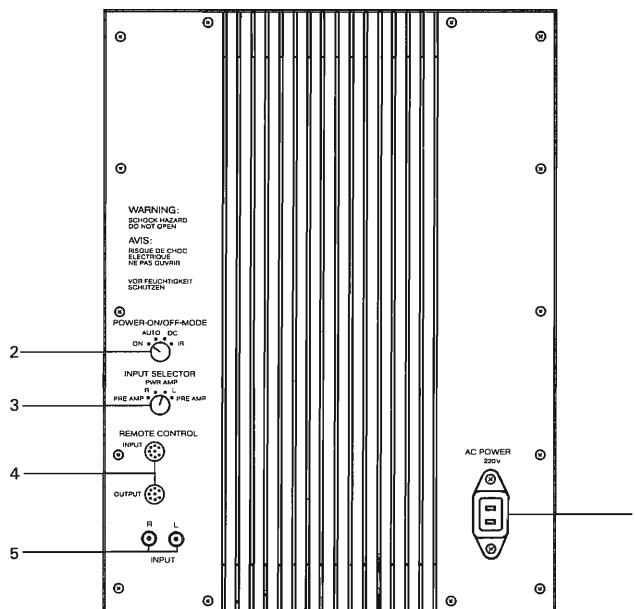
Änderungen vorbehalten

ENGLISH

| CONTENT | | Page |
|----------------|--------------------------------|-------------|
| 1. | GENERAL | |
| 1.1 | Operating- and connector panel | E 1 |
| 2. | FUNCTIONAL DESCRIPTION | |
| 2.1 | Block Diagram | E 2 |
| 2.2 | BASIS BOARD | E 3 |
| 2.3 | POWER AMPLIFIER BOARD | E 3 |
| 3. | ALIGNMENT INSTRUCTIONS | |
| 3.1 | Miscellaneous | E 4 |
| 3.2 | Quiescent current adjustment | E 4 |
| 3.3 | Woofers adjustment | E 4 |
| 4. | TECHNICAL DATA | E 5 |

1. GENERAL

1.1 Operating- and connector panel



[1] AC Power

Power inlet

[2] ON/OFF Mode

4-Position rotary switch:

ON: Unit is switched on (standby) as long as it is connected to the AC power source.

AUTO: The unit automatically starts up from STANDBY when an input signal is available. If there is no input signal for approx. 5 minutes, the unit switches automatically to STANDBY.

DC: Switch-on at >9V DC, switch-off at <5V DC.

Pin assignment: Pin 6 (Ground [-]), Pin 8 (0...30V DC) at the REMOTE CONTROL INPUT/OUTPUT socket.

IR: Automatic on/off in conjunction with the B209 subcontroller.

[3] INPUT SELECTOR

4-Position rotary switch:

PRE-AMP R: Operation as right-hand box, connected to preamplifier output.

PWR-AMP R: Operation as right-hand box, connected to amplifier output.

PWR-AMP L: Operation as left-hand box, connected to amplifier output.

PRE-AMP L: Operation as left-hand box, connected to preamplifier output.

[4] REMOTE CONTROL

INPUT: Connection of the B209 subcontroller or input from 1st AGORA Box with serially connected wiring.

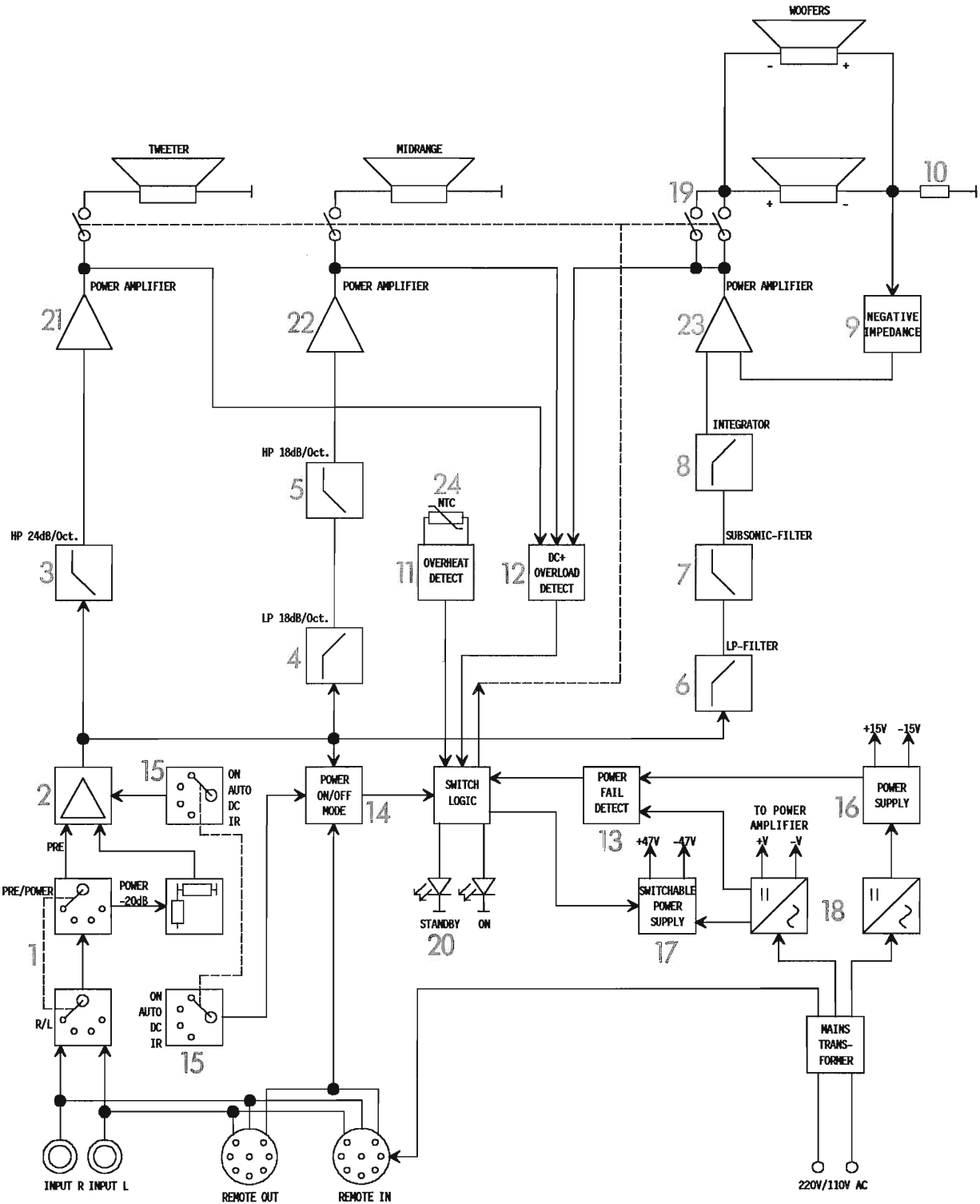
OUTPUT: Connecting to the next AGORA with serially connected wiring (to REMOTE INPUT socket).

[5] INPUT R/L

CINCH terminals for audio input signals.

2. FUNCTIONAL DESCRIPTION

2.1 Block Diagramm



2.2 Basis Board

The audio signal is led to the INPUT sensitivity selector (PRE-AMP/PWR-AMP) [1] via a passive "Low-Pass" filter (R.F. Cancellation). It then reaches the INPUT amplifier [2] where it is amplified in such a way that at nominal INPUT level the power stage is fully driven. When using the IR-Option B209, the FET-switch bridges the INPUT amplifier (Residual Noise Cancellation). After the INPUT amplifier stage there is an active three-way frequency crossover composed of:

- a Highpass-filter [3] 4th order (tweeter)
- a Lowpass-filter [4] 3rd order / Highpass-filter [5] 3rd order (mid-range)
- a Lowpass-filter [6] 3rd order / Subsonic filter [7] 3rd order (woofer)

After these active filters, each split portion of the audio signal is applied to its specific amplifier, power amplifier. The low frequency rumble noise (f 35Hz) is suppressed by the subsonic filter [7]. The integrator [8] (pre-equalizer) builds, together with a negative impedance [9] (R/L) and the shunt resistor [10] in the ground line of the loudspeaker, the "calculator" to control the subwoofer (the compensation level is adjustable with a trimmpotentiometer).

All the safety circuits (overheat [11], DC, overload [12], low voltage [13] and the ON/OFF line are linked via Wired-Or circuits. The four ON/OFF switching alternatives [15] can be selected onto the ON/OFF line [14].

Are all the lines passive (High), the timing circuit will activate the voltage supply to the drivers [16], the pre [17] and power-amplifier and finally activates the speaker outputs [19]. In case a defect should occur during the operation, or the speaker box should to be turned off, the same electronic would be responsible for ensuring a proper turnoff sequence: first the loudspeaker outputs, then the voltage supply. The corresponding operating mode is indicated by means of 2 LEDs (red/green) [20].

The input amplifier (frequency selective) responsible for the ON/OFF automatic is designed in such a manner that it will sense an audio surge between 0,2/2 mV. The delay time of the automatic turn OFF mode (absence of audio for approx. 5 min.) is defined by a counter feedback. When connecting the AGORA B MKII SLIM LINE on to the mains, a slight initiating delay of the audio turn ON automatic will occur.

In order to prevent ground loops, the DC signal is galvanically separated from the speaker power supply by an optocoupler.

The +15 V/-15 V power supply [16] and the supply voltage for the power amplifier [18] are obtained via two separate transformer windings. The middle connection of the winding ensures a low reciprocal influence and guarantees a noncritical ground wiring. The "third" secondary winding supplies the necessary voltage for the external IR-option (B209).

The voltage controlling the (ON/OFF) switching of the preamplifier [17] is drained from the power amplifier supply [18]. This setup ensures great stability (low ripple).

2.3. Power Amplifier Board

The circuit design, encompassing three almost identical power amplifiers [21-23], is derived from the B285 and the AGORA B. The preamplifier and the driver stage are working asymmetrically. The setting of the quiescent current (20mA per transistor pair) is done via a trimmpotentiometer.

Besides the above power amplifier, the same subassembly contains the loudspeaker output relay, the temperature sensor [24] (NTC), the shunt resistor [10] and the DC-/overload detector [12].

3. Alignment Instructions

3.1. Miscellaneous

Test equipment: 1 generator, 1 oscilloscope, 1 DC voltmeter

Important: All potentiometers (RA1 => 1.085.414/415.00 / RA 200/300/400 => 1.085.416.00) must be turned counter-clockwise to their stop.

3.2. Quiescent current adjustment

No audio input signal should be applied when proceeding to the quiescent current adjustment. The measurement is achieved by placing the DC voltmeter probes across the corresponding emitter resistors.

- Connect voltmeter on R237. Adjust with RA200 6,6mV (+/- 0,5mV)
- Connect voltmeter on R337. Adjust with RA300 6,6mV (+/- 0,5mV)
- Connect voltmeter on R437. Adjust with RA400 4,4mV (+/- 0,5mV)

3.3. Woofer adjustment

For the woofer adjustment it is required to use an audio generator connected on the input. Connect the DC voltmeter across the woofer's connectors.

- Load U_{out} with the bass speaker.
- Turn the potentiometer RA1 anti-clockwise to its stop ($U_{out(unloaded)}$ 25mV/165Hz).
- With potentiometer RA1 adjust, $U_{out(loaded)}$ to 1V.

4. TECHNICAL DATA**AUDIO DATA**

| | | |
|------------------------------------|---|--|
| Bandwidth (Din 45500) | | 24Hz...42kHz |
| Frequency response (-3dB) | | 40Hz...22kHz |
| Harmonic distortion K_{tot} | Bandwidth at a distance of 1m: with sound pressure level 82dB SPL with sound pressure level 88dB SPL | 45Hz...20kHz max.0,5% max.1,0% |
| Achievable sound pressure level | 100m ³ living room, mean reverberation time 0,4s, distance of 2m, 2 active speakers simultaneously in operation: | 113dB SPL |
| Speaker configuration | Woofers Midrange speaker Tweeter | 2x220mm 122mm 25mm |
| Flux density | Woofers Midrange speaker Tweeter | 2x1,1T 1,1T 1,7T |
| Magnetic flux | Woofers Midrange speaker Tweeter | 2x541uWb 539uWb 412uWb |

ELECTRICAL DATA

| | | |
|---|--|---------------------|
| Inputs | Sensitivity for 100dB SPL at a distance of 1m: -Switch in PRE-AMP pos. 0,35V/47kOhm -Switch in PWR-AMP pos. 3,5V/1kOhm | |
| Operating modes | ON: continuous ON AUTO: on/off via audio DC: on/off via DC voltage IR: on/off via B209 | |
| Switch-off delay of the automatic on/off circuit | | approx.5Min. |
| Sensitivity of the automatic on/off circuit | -"PRE-AMP" -"PWR-AMP" | 0,25mV 2,5mV |
| DC switching thresholds | | On: >9V Off: <5V |

GENERAL DATA

| | | |
|-----------------------|--|---------------------------|
| Power requirements | 240/220/110V +/-10% internally solder strappable 50...60Hz | |
| Power fuses | 220/240V: 110V: | T1,6A slow T3,15A slow |
| Power consumption | -Standby mode -Max. (100dB SPL at 1m) | <7W 400W |
| Operating environment | -Ambient temperature -Relative humidity (DIN40040) | +10...+40°C Class F |
| Weight | 38,5kg (AGORA B MKII) 43,5kg (AGORA B SLIM LINE) | |
| Housing versions | Walnut dark, Ash black, Piano varnish black or white | |
| Dimensions (WxHxD) | 790x386x435 mm AGORA B MKII 1000x334x395 mm AGORA B SLIM LINE | |

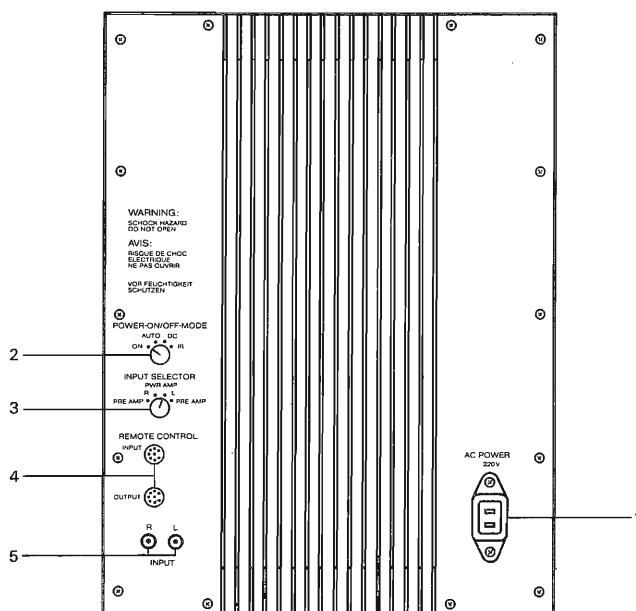
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FRANCAIS**TABLE DES MATIERES****Page**

| | | |
|-----------|--|-----|
| 1. | GÉNÉRALITÉS | |
| 1.1 | Mode d'emploi et raccordements | F 1 |
| 2. | FONCTIONNEMENT | |
| 2.1 | Block Diagram | F 2 |
| 2.2 | Circuit de base BASIS BOARD | F 3 |
| 2.3 | Circuit d'amplification finale POWER AMPLIFIER BOARD | F 3 |
| 3. | Instructions de réglage | |
| 3.1 | Généralités | F 4 |
| 3.2 | Réglage du courant de repos | F 4 |
| 3.3 | Réglage du grave | F 4 |
| 4. | CARACTERISTIQUES TECHNIQUES | F 5 |

1. GÉNÉRALITÉS

1.1 Mode d'emploi et raccordements



[1] AC Power

Raccordement au réseau

[2] ON/OFF Mode

Commutateur rotatif à 4 positions:

ON: Appareil enclenché tant qu'il est relié au réseau.

AUTO: L'appareil s'enclenche automatiquement à partir de l'état STANDBY dès qu'un signal d'entrée est appliqué. S'il n'y a pas de signal d'entrée, il y a reconnexion automatique sur STANDBY après 5 minutes env..

DC: Enclenchement à >9V DC ; déclenchement à <5V DC.

Occup. des raccords: broche 6 (Masse [-]), broche 8 (0...30V DC) sur les prises REMOTE CONTROL INPUT/OUTPUT.

IR: Enclenchement/déclenchement automatique avec la sous-centrale B209.

[3] INPUT SELECTOR

Commutateur rotatif à 4 positions:

PRE-AMP R: Utilisation comme enceinte droite, raccordée à la sortie préamplificateur.

PWR-AMP R: Utilisation comme enceinte droite, raccordée à la sortie d'amplificateur.

PWR-AMP L: Utilisation comme enceinte gauche, raccordée à la sortie d'amplificateur.

PRE-AMP L: Utilisation comme enceinte gauche, raccordée à la sortie préamplificateur.

[4] REMOTE CONTROL

INPUT: Raccordement de la sous-centrale B209 ou entrée de la première enceinte AGORA avec câblage bouclé.

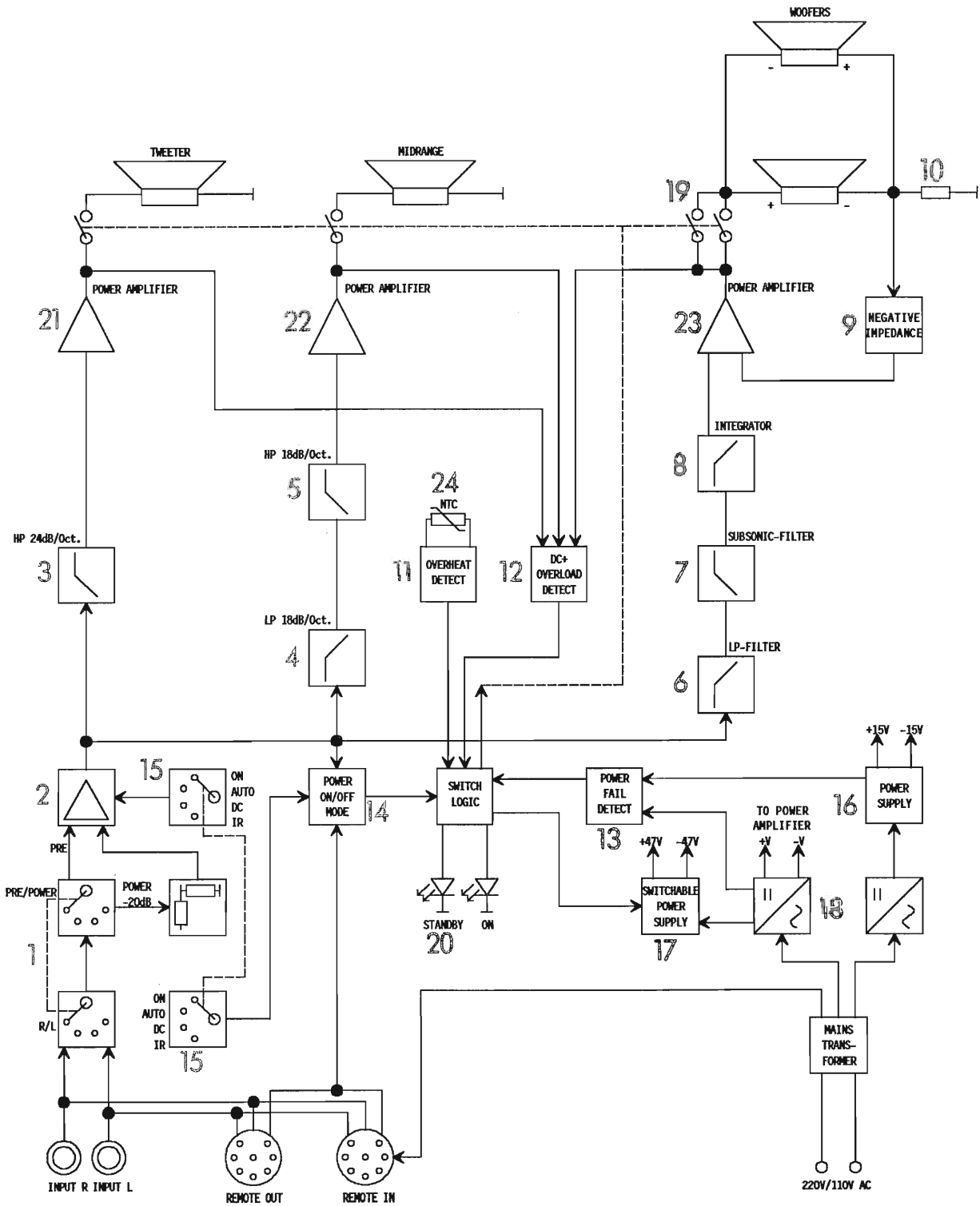
OUTPUT: Raccordement vers l'autre AGORA par câblage bouclé (vers la prise REMOTE INPUT).

[5] INPUT R/L

Raccords cinch pour signal d'entrée audio.

2. FONCTIONNEMENT

2.1 Block Diagram



2.2 Circuit de base BASIS BOARD

Après le filtre passe-bas (élimination de la HF) le signal BF passe par le sélecteur [1] de la sensibilité d'entrée (PRE-AMP/PWR-AMP). Suit l'étage d'amplification d'entrée [2] qui amplifie le signal BF de façon à ce que les étages finals reçoivent le maximum de signal avec le niveau standard d'entrée. En cas de fonctionnement avec l'option IR B209, l'interrupteur FET ponté l'amplificateur (recul du bruit de fond). Après l'étage d'amplification se trouvent le filtre actif à trois voies se composant de:

- filtre passe-haut [3], 4^{ème} ordre (aigu)
- filtre passe-bas [4], 3^{ème} ordre / filtre passe-haut [5], 3^{ème} ordre (medium)
- filtre passe-bas [6], 3^{ème} ordre / filtre subsonique [7], 3^{ème} ordre (basse).

Les filtres déterminent la plage de fréquence dans laquelle chaque haut-parleur travaille et alimente l'étage final respectif. Les fréquences perturbatrices de l'extrême grave ($f < 35\text{Hz}$) sont éliminées à l'aide du filtre subsonique [7].

L'intégrateur [8] (préaccentuation) constitue avec l'impédance négative [9] (R/L) et le shunt [10] dans la ligne de masse du haut-parleur la "calculatrice" qui commande le haut-parleur grave (facteur de compensation réglable par potentiomètre).

Tous les circuits de protection (température [11], DC, surcharge [12], sous-tension [13] et la ligne ON/OFF) sont câblés par Wired-Or. Les 4 possibilités ON/OFF [15] sont commutables au choix sur la ligne ON/OFF [14].

Si toutes ces lignes sont à l'état passif (high), le circuit "Timing" libère d'abord l'alimentation des étages d'attaque [16], de préamplification [17] et d'amplification finale, ensuite seulement les sorties haut-parleur [19]. En cas d'une défectuosité pendant le fonctionnement ou lors d'une mise hors fonction volontaire de l'enceinte le circuit "Timing" coupe d'abord les sorties haut-parleur et ensuite l'alimentation. L'état de fonctionnement est indiqué à l'aide de deux LED (vert/rouge) [20].

L'étage d'entrée de l'automatisme d'enclenchement BF (dépendant de la fréquence) est dimensionné de façon à réagir à un niveau BF de 0,2/2mV. Le délai de déclenchement (lors de l'absence de BF) est déterminé par un compteur monté en contre-réaction. Lors de la connection au secteur de l'AGORA B MKII/SLIM LINE il faut compter avec une phase d'initialisation de l'électronique d'enclenchement BF.

L'entrée de la commande DC est séparée galvaniquement de l'enceinte par un opto-coupleur (afin d'éviter des boucles de masse).

L'alimentation +15V/-15V [16] et l'alimentation des étages finals [18] dépendent de deux enroulements séparés du transformateur (raccord central). Ceci minimise la rétroinfluence et le passage des masses et moins critique. Le troisième enroulement secondaire est destiné aux options IR externes.

L'alimentation de préamplification commutable [17] est dérivée de l'alimentation des étages finals (ondulation minimale, meilleure stabilité).

2.3 Circuit d'amplification finale POWER AMPLIFIER BOARD

Le schéma des ces trois étages finals [21-23], presque indentiques, découle de ceux du B285 et de l'AGORA B. Les étages de préamplification et d'attaque sont conçus de façon asymétrique. Le réglage du courant de repos (20mA par paire de transistor) s'effectue à l'aide d'un potentiomètre d'ajustage.

En plus des étages finals, le relais de sortie, la sonde de température NTC [24], les résistances du shunt [10] ainsi que les circuits de surcharge et de DC [12] se trouvent placés sur cet ensemble.

3. INSTRUCTIONS DE RÉGLAGE

3.1 Généralités

Appareils de mesure: 1 générateur, 1 oscilloscope, 1 voltmètre DC

Important: Tous les potentiomètres (RA 1 => 1.085.414/415.00 / RA200/300/400 => 1.085.416.00) doivent être à la butée gauche.

3.2 Réglage du courant de repos

Pour ce réglage aucune source ne doit être raccordée. La mesure s'effectue toujours au travers de la résistance d'émetteur respective.

- Raccorder le voltmètre à R237. A l'aide de RA200 régler 6,6mV (+/-0,5mV).
- Raccorder le voltmètre à R337. A l'aide de RA300 régler 6,6mV (+/-0,5mV).
- Raccorder le voltmètre à R437. A l'aide de RA400 régler 4,4mV (+/-0,5mV).

3.3 Réglage du grave

Pour le réglage du grave un générateur doit être raccordé à l'entrée. La mesure s'effectue parallèlement au haut-parleur grave.

- Charger U_{out} avec le haut-parleur grave.
- Tourner le potentiomètre RA 1 vers la butée gauche ($U_{out(à\ vide)}$ 250mV/165Hz).
- A l'aide du potentiomètre RA 1 $U_{out(charge)}$ régler sur 1V.

4. CARACTERISTIQUES TECHNIQUES

CARACTÉRISTIQUES ACOUSTIQUES

| | | |
|-------------------------------|---|---|
| Bande passante (Din 45500) | | 24Hz...42kHz |
| Courbe de réponse (-3dB) | | 40Hz...22kHz |
| Taux de distorsions K_{tot} | | 45Hz...20kHz |
| | à 1m: pour pression acoustique de 82dB SPL | max.0,5% |
| | pour pression acoustique de 88dB SPL | max.1,0% |
| Pression acoustique | possible pour une pièce de 100m ³ temps moyen de réverbération 0,4s, à 2m distance, 2 haut-parleurs actifs simultanément en service: | 113dB SPL |
| Equipement | Haut-parleur de graves Haut-parleur de médiums Haut-parleur d'aigus | diamètre 2x220mm diamètre 122mm diamètre 25mm |
| Densité de flux magnétique | Haut-parleur de graves Haut-parleur de médiums Haut-parleur d'aigus | 2x1,1T 1,1T 1,7T |
| Flux magnétique | Haut-parleur de graves Haut-parleur de médiums Haut-parleur d'aigus | 2x541uWb 539uWb 412uWb |

CARACTÉRISTIQUES ÉLECTRIQUES

| | | |
|---|--|------------------------|
| Entrées | Sensibilité pour 100dB SPL à 1m de distance: | |
| | -Commutateur en pos. PRE-AMP | 0,35V/47kOhm |
| | -Commutateur en pos. PWR-AMP | 3,5V/1kOhm |
| Modes de service | ON: | service permanent |
| | AUTO: | en/hors par audio |
| | DC: | en/hors par tension CC |
| | IR: | en/hors par B209 |
| Temporisation de déclenchement automatique | | env.5Min. |
| Sensibilité d'enclenchement/déclenchement automatique | -"PRE-AMP" | 0,25mV |
| | -"PWR-AMP" | 2,5mV |
| Seuils de commutation CC | | en: >9V hors: <5V |

CARACTÉRISTIQUES GÉNÉRALES

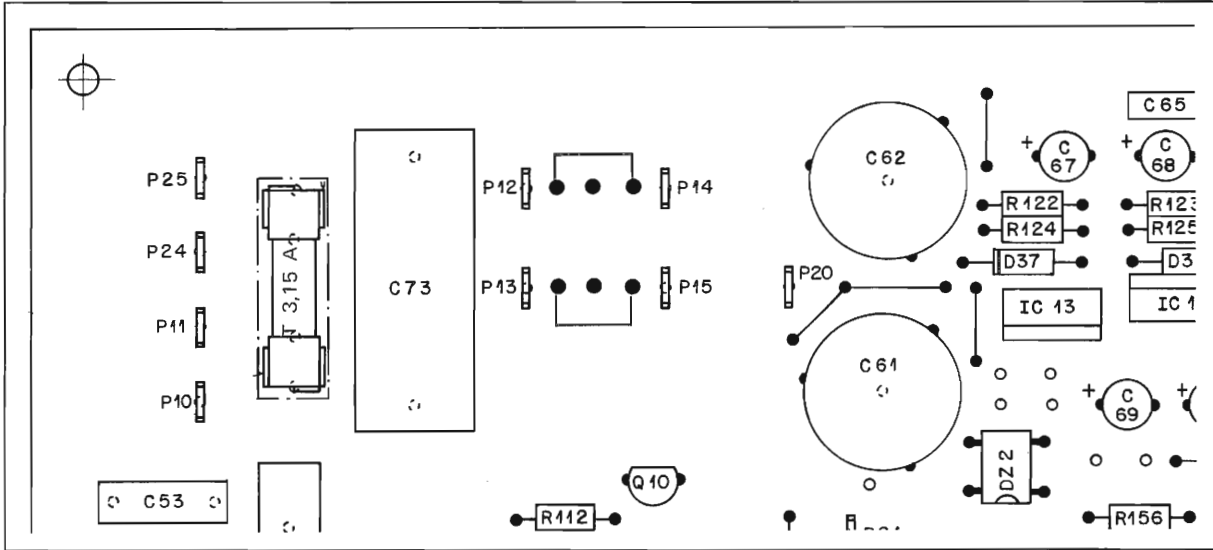
| | | |
|------------------------------|--|-------------------------------------|
| Alimentation | 240/220/110V +/-10% commutable par soudure interne 50...60Hz | |
| Fusibles de réseau | 220/240V: 110V: | T1,6A (retardé) T3,15A (retardé) |
| Consommation | -en veille ("Standby") -maximale (100dB SPL à 1m) | <7W 400W |
| Conditions d'ambiance | -température ambiante -humidité relative (DIN40040) | +10...+40°C classe F |
| Poids | 38,5kg (AGORA B MKII) 43,5kg (AGORA B SLIM LINE) | |
| Boîtiers | noyer foncé, frêne noir, vernis piano noir ou blanc | |
| Dimensions (HxLxP) | 790x386x435 mm AGORA B MKII 1000x334x395 mm AGORA B SLIM LINE | |

Modifications réservées

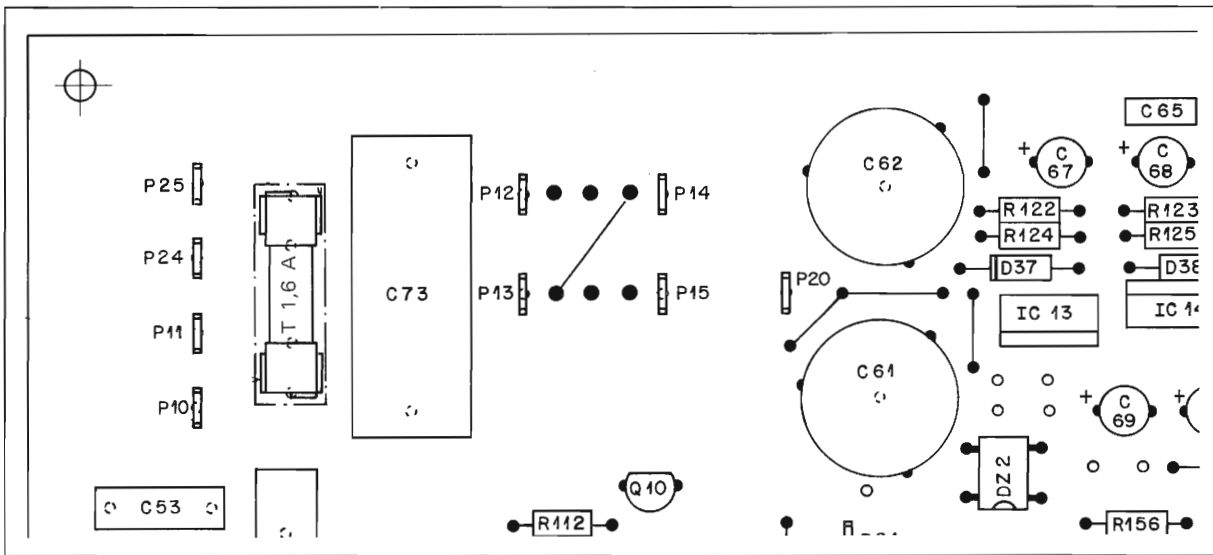
SET OF SCHEMATICS AUDIO / MECHANICAL SPARE PARTS

| CONTENT | | Page |
|--|--------------|-------------|
| Line voltage adjustment (240/220/110V) | | 2 |
| BASIS BOARD AGORA MKII | 1.085.414.00 | 3 |
| BASIS BOARD AGORA SLIM LINE | 1.085.415.00 | 9 |
| POWER AMPLIFIER BOARD AGORA MKII/SLIM LINE | 1.085.416.00 | 15 |
| Mechanical spare parts | | |

110V



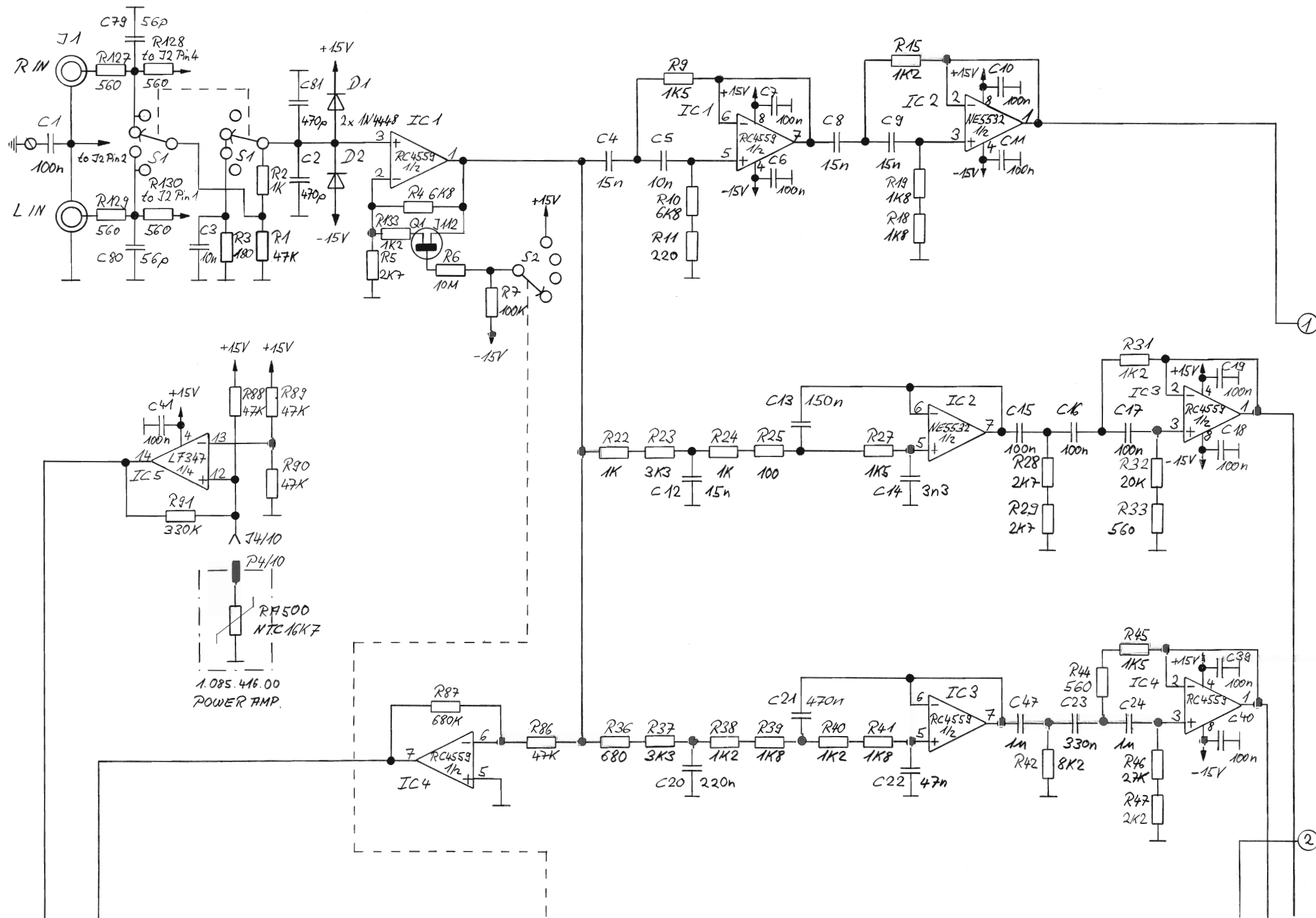
220V



240V

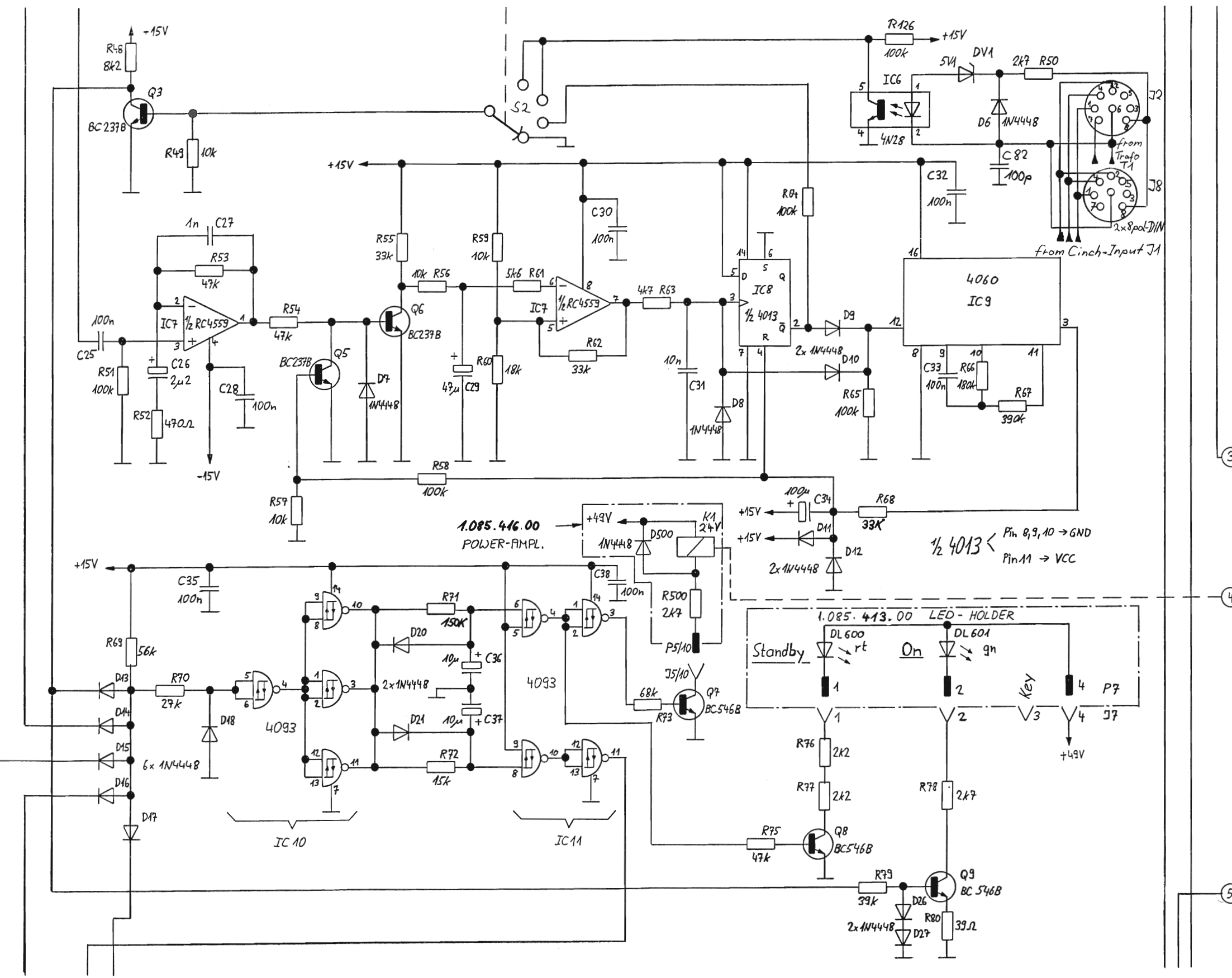
For 240V operation, the mains transformer 1.085.382.08 must be replaced by mains transformer 1.085.382.16 .

BASIS BOARD AGORA MKII 1.085.414.00



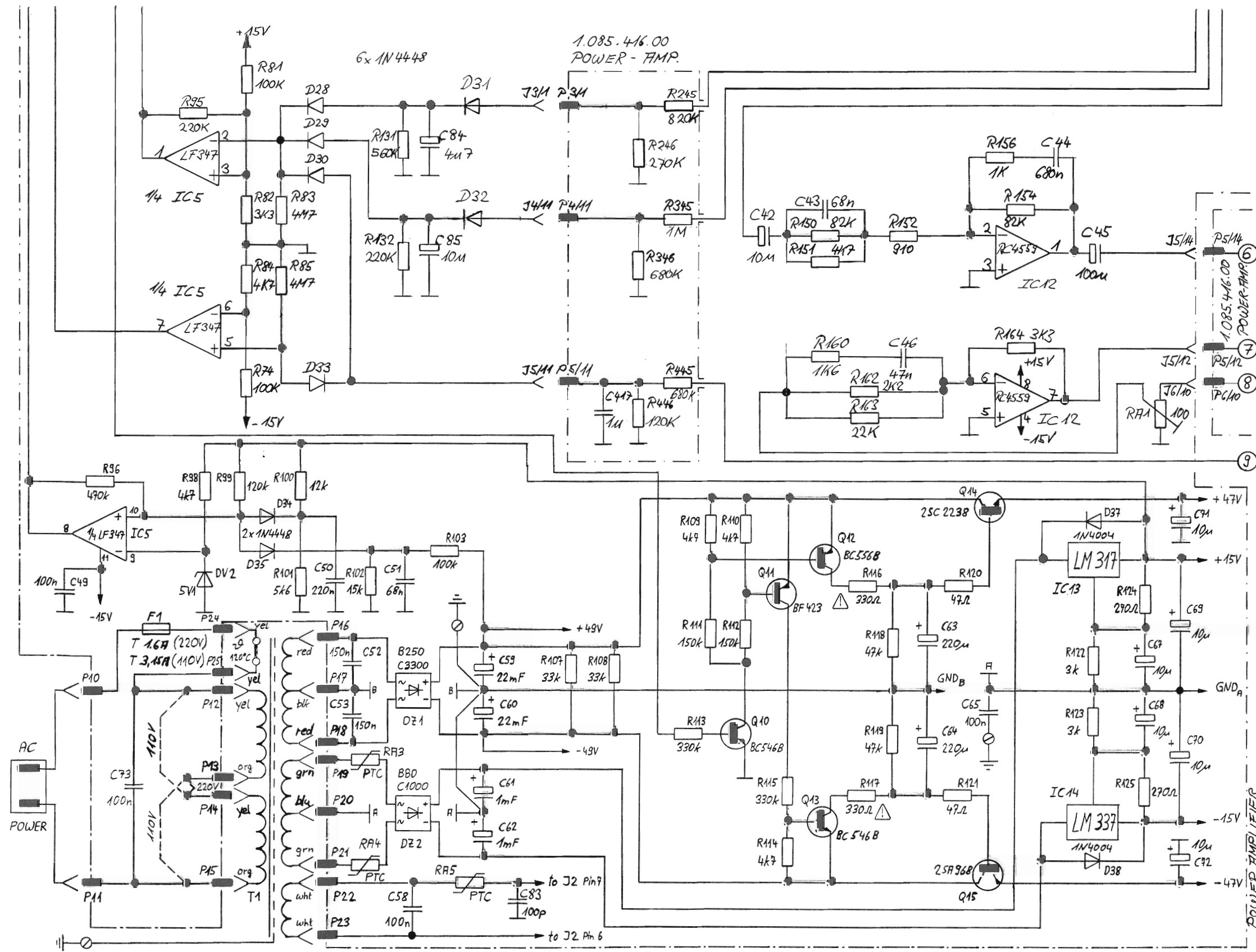
| | | | | | | |
|-------------------------------------|----------|-----------|---|----------|---|----------|
| 0 | 8.288 UR | 28.688 UR | 3 | 6.289 UR | 4 | 4.190 UR |
| BASIS BOARD / POWER AMPLIFIER BOARD | | | | | | |
| STUDER | | | | | | |
| AGORA MKII | | | | | | |
| PAGE 1 OF 3 | | | | | | |
| 1.085.414.00 | | | | | | |

BASIS BOARD AGORA MKII 1.085.414.00



| | | | |
|---------------------------------|--------------|-------------|--------------|
| ① 28.6.88 UL | ② 12.7.88 UL | ③ 6.2.89 UL | ④ 4.1.90 UL |
| BASIS BOARD / POWER AMPL. BOARD | | | |
| STUDER | | | AGORA MKII |
| PAGE 2 OF 3 | | | SC |
| 1.085.414.00 | | | 1.085.415.00 |

BASIS BOARD AGORA MKII 1.085.414.00

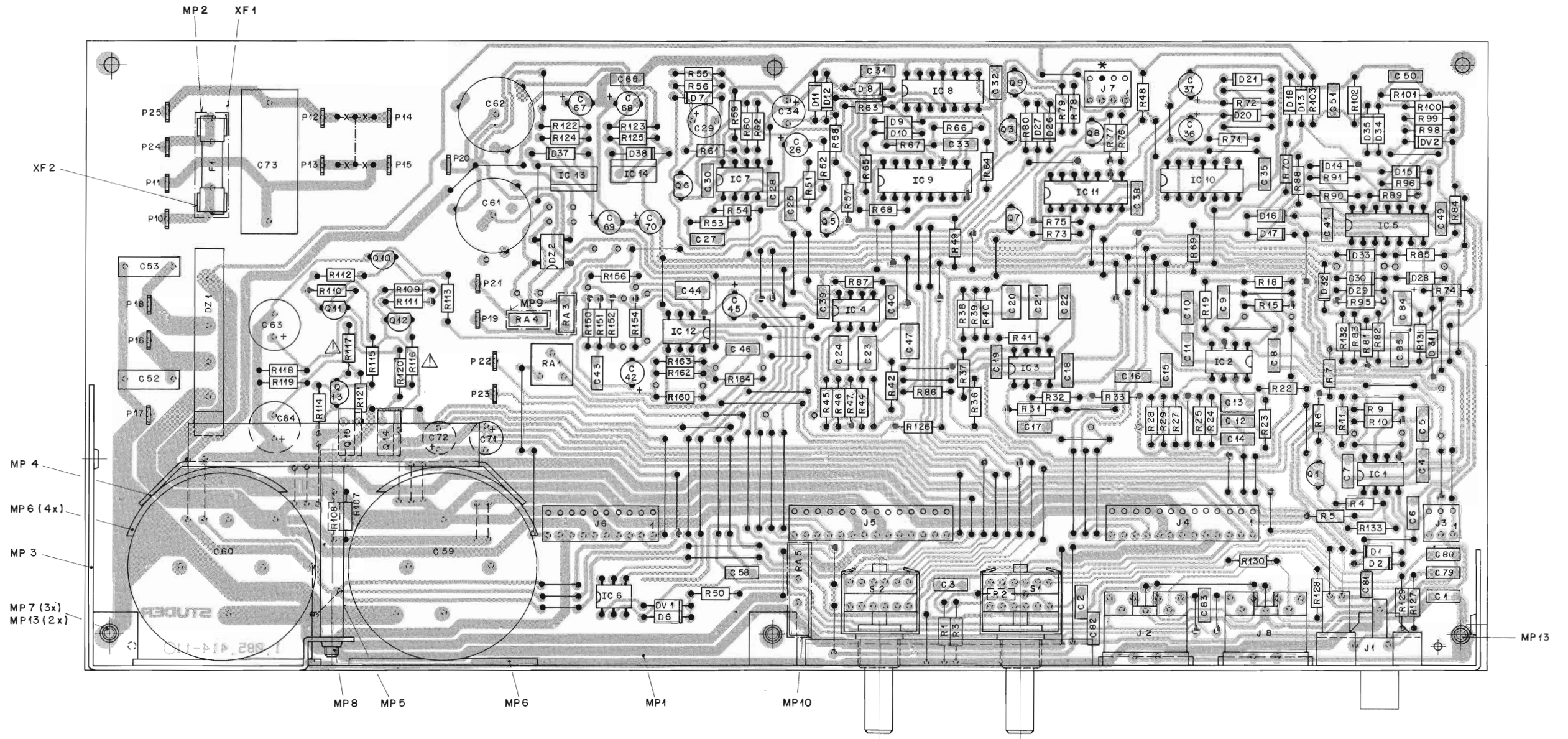


| | | |
|-------------|--------------|----|
| ④ | 4.1.80 | UL |
| ③ | 6.2.89 | UL |
| ① | 12.7.88 | UL |
| ② | 28.6.88 | UL |
| BASIS BOARD | | |
| AGORA MKII | | |
| ① | 9.288 | UL |
| ② | 1.085.416.00 | UL |
| ③ | 1.085.414.00 | UL |
| ④ | 1.085.445.00 | UL |

POWER AMPLIFIER
1.085.416.00

STUDER

BASIS BOARD AGORA MKII 1.085.414.00



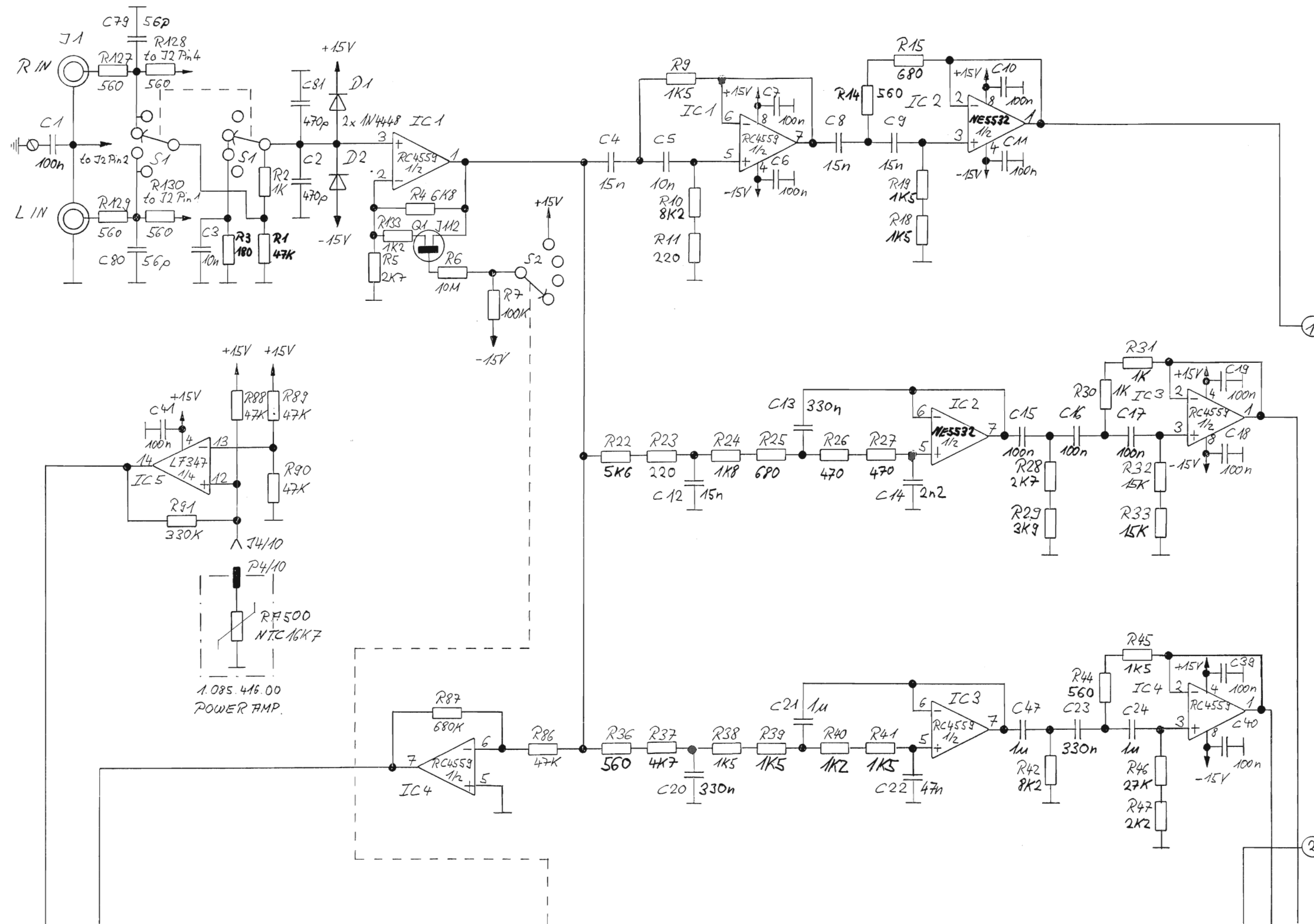
BASIS BOARD "ESE" 1.085.414.00

| Ad | ..Pos.. | ...Ref.No... | Description | | | | | | |
|-------------|------------|--------------|-------------|-------|------|----------|--------------|-----------------|-----------------------|
| C.....1 | 59.06.0104 | 100 nF | 10% | 63V | PETP | DZ....1 | 70.01.0239 | B250 C5000/3300 | |
| C.....2 | 59.34.5471 | 470 pF | 5% | 63V | CER | DZ....2 | 70.01.0216 | B80 C1000 D | |
| C.....3 | 59.06.0103 | 10 nF | 10% | 63V | PETP | F.....1 | 51.01.0119 | T 1.60A | 5*20mm |
| C.....4 | 59.06.5153 | 15 nF | 5% | 63V | PETP | IC....1 | 50.09.0107 | RC4559NB | uPC4559 |
| C.....5 | 59.06.5103 | 10 nF | 5% | 63V | PETP | IC....2 | 50.09.0107 | RC4559NB | uPC4559 |
| C.....6 | 59.06.0104 | 100 nF | 10% | 63V | PETP | IC....2 | 50.09.0106 | NE5532AN | |
| C.....7 | 59.06.0104 | 100 nF | 10% | 63V | PETP | IC....3 | 50.09.0107 | RC4559NB | uPC4559 |
| C.....8 | 59.06.5153 | 15 nF | 5% | 63V | PETP | IC....4 | 50.09.0107 | RC4559NB | uPC4559 |
| C.....9 | 59.06.5153 | 15 nF | 5% | 63V | PETP | IC....5 | 50.09.0104 | LF347N | |
| C.....10 | 59.06.0104 | 100 nF | 10% | 63V | PETP | IC....6 | 50.99.0126 | 4N28 | |
| C.....11 | 59.06.0104 | 100 nF | 10% | 63V | PETP | IC....7 | 50.09.0107 | RC4559NB | uPC4559 |
| C.....12 | 59.06.5153 | 15 nF | 5% | 63V | PETP | IC....8 | 50.07.0013 | HEF4013BP | CD4013BP |
| C.....13 | 59.06.5154 | 150 nF | 5% | 63V | PETP | IC....9 | 50.07.0060 | HEF4060BP | CD4060BP |
| C.....14 | 59.06.5332 | 3.3 nF | 5% | 63V | PETP | IC....10 | 50.07.0008 | HEF4093BP | CD4093BP |
| C.....15 | 59.06.5104 | 100 nF | 5% | 63V | PETP | IC....11 | 50.07.0008 | HEF4093BP | CD4093BP |
| C.....16 | 59.06.5104 | 100 nF | 5% | 63V | PETP | IC....12 | 50.09.0107 | RC4559NB | uPC4559 |
| C.....17 | 59.06.5104 | 100 nF | 5% | 63V | PETP | IC....13 | 50.10.0104 | LM317KC | |
| C.....18 | 59.06.0104 | 100 nF | 10% | 63V | PETP | IC....14 | 50.10.0105 | LM337KC | |
| C.....19 | 59.06.0104 | 100 nF | 10% | 63V | PETP | J.....1 | 54.21.2006 | 2-Pole | Cinch |
| C.....20 | 59.06.5224 | 220 nF | 5% | 63V | PETP | J.....2 | 54.20.2003 | 8-Pole | DIN |
| C.....21 | 59.06.5474 | 470 nF | 5% | 63V | PETP | J.....3 | 54.01.0287 | 3-Pole | CIS |
| C.....22 | 59.06.5473 | 47 nF | 5% | 63V | PETP | J.....4 | 54.01.0292 | 13-Pole | CIS |
| C.....23 | 59.06.5334 | 330 nF | 5% | 63V | PETP | J.....5 | 54.01.0293 | 14-Pole | CIS |
| C.....24 | 59.06.5105 | 1 uF | 5% | 50V | PETP | J.....6 | 54.01.0290 | 10-Pole | CIS |
| C.....25 | 59.06.0104 | 100 nF | 10% | 63V | PETP | J.....7 | 54.01.0241 | 4-Pole | CIS |
| C.....26 | 59.22.8229 | 2.2 uF | -20% | 50V | EL | J.....8 | 54.20.2003 | 8-Pole | DIN |
| C.....27 | 59.06.0102 | 1 nF | 10% | 63V | PETP | MP....1 | 1.085.414.11 | | PCB |
| C.....28 | 59.06.0104 | 100 nF | 10% | 63V | PETP | MP....2 | 51.99.0128 | | Fuse cover |
| C.....29 | 59.22.5470 | 47 uF | -20% | 25V | EL | MP....3 | 1.085.414.01 | | PCB frame |
| C.....30 | 59.06.0104 | 100 nF | 10% | 63V | PETP | MP....4 | 1.085.382.04 | | Elco fixing |
| C.....31 | 59.06.0103 | 10 nF | 10% | 63V | PETP | MP....5 | 1.010.099.27 | | Distance bolt |
| C.....32 | 59.06.0104 | 100 nF | 10% | 63V | PETP | MP....6 | 1.085.382.09 | 4 PCS | Foam stripe |
| C.....33 | 59.06.0104 | 100 nF | 10% | 63V | PETP | MP....7 | 21.99.0180 | 3 PCS | Screw M3*5 |
| C.....34 | 59.22.4101 | 100 uF | -20% | 16V | EL | MP....8 | 21.26.0366 | | Screw M3*40 |
| C.....35 | 59.06.0104 | 100 nF | 10% | 63V | PETP | MP....9 | 1.010.127.65 | 2 PCS | Shrink-tube |
| C.....36 | 59.22.6100 | 10 uF | -20% | 35V | EL | MP...10 | 1.085.414.90 | 25 mm | Shrink-tube |
| C.....37 | 59.22.6100 | 10 uF | -20% | 35V | EL | MP...11 | 1.085.383.02 | | Fuse-label |
| C.....38 | 59.06.0104 | 100 nF | 10% | 63V | PETP | MP...12 | 43.01.0108 | | ESE -label |
| C.....39 | 59.06.0104 | 100 nF | 10% | 63V | PETP | MP...13 | 24.16.2030 | 2 PCS | Serrat lock washer M3 |
| C.....40 | 59.06.0104 | 100 nF | 10% | 63V | PETP | P.....10 | 54.02.0320 | | 2.8mm |
| C.....41 | 59.06.0104 | 100 nF | 10% | 63V | PETP | " | " | | " |
| C.....42 | 59.22.6100 | 10 uF | -20% | 35V | EL | " | " | | " |
| C.....43 | 59.06.5683 | 68 nF | 5% | 63V | PETP | P.....25 | 54.02.0320 | | 2.8mm |
| C.....44 | 59.06.5684 | 680 nF | 5% | 63V | PETP | Q.....1 | 50.03.0350 | J112 | N-FET |
| C.....45 | 59.22.3101 | 100 uF | -20% | 10V | EL | Q.....3 | 50.03.0436 | BC 237B | NPN |
| C.....46 | 59.06.5473 | 47 nF | 5% | 63V | PETP | Q.....5 | 50.03.0436 | BC 237B | NPN |
| C.....47 | 59.06.5105 | 1 uF | 5% | 50V | PETP | Q.....6 | 50.03.0436 | BC 237B | NPN |
| C.....49 | 59.06.0104 | 100 nF | 10% | 63V | PETP | Q.....7 | 50.03.0491 | BC 546B | NPN |
| C.....50 | 59.06.0224 | 220 nF | 10% | 63V | PETP | Q.....8 | 50.03.0491 | BC 546B | NPN |
| C.....51 | 59.06.0683 | 68 nF | 10% | 63V | PETP | Q.....9 | 50.03.0491 | BC 546B | NPN |
| C.....52 | 59.02.2154 | 150 nF | 5% | 100V | PME | Q.....10 | 50.03.0491 | BC 546B | NPN |
| C.....53 | 59.02.2154 | 150 nF | 5% | 100V | PME | Q.....11 | 50.03.0627 | BF 423 | PNP |
| C.....58 | 59.06.0104 | 100 nF | 10% | 63V | PETP | Q.....12 | 50.03.0492 | BC 556B | PNP |
| C.....59 | 59.35.6223 | 22 mF | -20% | 63V | EL | Q.....13 | 50.03.0491 | BC 546B | NPN |
| C.....60 | 59.35.6223 | 22 mF | -20% | 63V | EL | Q.....14 | 50.03.0776 | 2SC2238 | NPN |
| C.....61 | 59.22.6102 | 1 mF | -20% | 40V | EL | Q.....15 | 50.03.0801 | 2SA968 | PNP |
| C.....62 | 59.22.6102 | 1 mF | -20% | 40V | EL | R.....1 | 57.11.3473 | 47 kOhm | 2%, 0.25W, Mf |
| C.....63 | 59.22.8221 | 220 uF | -20% | 63V | EL | R.....2 | 57.11.3102 | 1 kOhm | 2%, 0.25W, Mf |
| C.....64 | 59.22.8221 | 220 uF | -20% | 63V | EL | R.....3 | 57.11.3181 | 180 Ohm | 2%, 0.25W, Mf |
| C.....65 | 59.06.0104 | 100 nF | 10% | 63V | PETP | R.....4 | 57.11.3682 | 6.8 kOhm | 2%, 0.25W, Mf |
| C.....67 | 59.22.6100 | 10 uF | -20% | 35V | EL | R.....5 | 57.11.3272 | 2.7 kOhm | 2%, 0.25W, Mf |
| C.....68 | 59.22.6100 | 10 uF | -20% | 35V | EL | R.....6 | 57.11.5106 | 10 MOhm | 5%, 0.25W, Mf |
| C.....69 | 59.22.6100 | 10 uF | -20% | 35V | EL | R.....7 | 57.11.3104 | 100 kOhm | 2%, 0.25W, Mf |
| C.....70 | 59.22.6100 | 10 uF | -20% | 35V | EL | R.....9 | 57.11.3152 | 1.5 kOhm | 2%, 0.25W, Mf |
| C.....71 | 59.22.8100 | 10 uF | -20% | 63V | EL | R.....10 | 57.11.3682 | 6.8 kOhm | 2%, 0.25W, Mf |
| C.....72 | 59.22.8100 | 10 uF | -20% | 63V | EL | R.....11 | 57.11.3221 | 220 Ohm | 2%, 0.25W, Mf |
| C.....73 | 59.14.0104 | 100 nF | -20% | 250V | MP | R.....15 | 57.11.3122 | 1.2 kOhm | 2%, 0.25W, Mf |
| C.....79 | 59.34.4560 | 56 pF | 5% | 63V | CER | R.....18 | 57.11.3182 | 1.8 kOhm | 2%, 0.25W, Mf |
| C.....80 | 59.34.4560 | 56 pF | 5% | 63V | CER | R.....19 | 57.11.3182 | 1.8 kOhm | 2%, 0.25W, Mf |
| C.....81 | 59.34.5471 | 470 pF | 5% | 63V | CER | R.....22 | 57.11.3102 | 1 kOhm | 2%, 0.25W, Mf |
| C.....82 | 59.34.4101 | 100 pF | 5% | 63V | CER | R.....23 | 57.11.3332 | 3.3 kOhm | 2%, 0.25W, Mf |
| C.....83 | 59.34.4101 | 100 pF | 5% | 63V | CER | R.....24 | 57.11.3102 | 1 kOhm | 2%, 0.25W, Mf |
| C.....84 | 59.06.5474 | 470 nF | 5% | 63V | PETP | R.....25 | 57.11.3101 | 100 Ohm | 2%, 0.25W, Mf |
| 01 C.....84 | 59.22.8479 | 4.7 uF | -20% | 63V | EL | R.....27 | 57.11.3152 | 1.5 kOhm | 2%, 0.25W, Mf |
| C.....85 | 59.06.5474 | 470 nF | 5% | 63V | PETP | R.....28 | 57.11.3272 | 2.7 kOhm | 2%, 0.25W, Mf |
| 01 C.....85 | 59.22.6100 | 10 uF | -20% | 35V | EL | R.....29 | 57.11.3272 | 2.7 kOhm | 2%, 0.25W, Mf |
| D.....1 | 50.04.0125 | 1N4448 | | | | R.....31 | 57.11.3122 | 1.2 kOhm | 2%, 0.25W, Mf |
| D.....2 | 50.04.0125 | 1N4448 | | | | R.....32 | 57.11.3203 | 20 kOhm | 2%, 0.25W, Mf |
| D.....6 | 50.04.0125 | 1N4448 | | | | R.....33 | 57.11.3561 | 560 Ohm | 2%, 0.25W, Mf |
| " | " | " | | | | R.....36 | 57.11.3681 | 680 Ohm | 2%, 0.25W, Mf |
| " | " | " | | | | R.....37 | 57.11.3332 | 3.3 kOhm | 2%, 0.25W, Mf |
| D.....18 | 50.04.0125 | 1N4448 | | | | R.....38 | 57.11.3122 | 1.2 kOhm | 2%, 0.25W, Mf |
| D.....20 | 50.04.0125 | 1N4448 | | | | R.....39 | 57.11.3182 | 1.8 kOhm | 2%, 0.25W, Mf |
| D.....21 | 50.04.0125 | 1N4448 | | | | R.....40 | 57.11.3122 | 1.2 kOhm | 2%, 0.25W, Mf |
| D.....26 | 50.04.0125 | 1N4448 | | | | R.....41 | 57.11.3182 | 1.8 kOhm | 2%, 0.25W, Mf |
| " | " | " | | | | R.....42 | 57.11.3822 | 8.2 kOhm | 2%, 0.25W, Mf |
| " | " | " | | | | R.....44 | 57.11.3561 | 560 Ohm | 2%, 0.25W, Mf |
| 01 D.....31 | 50.04.0125 | 1N4448 | | | | R.....45 | 57.11.3152 | 1.5 kOhm | 2%, 0.25W, Mf |
| 01 D.....32 | 50.04.0125 | 1N4448 | | | | R.....46 | 57.11.3273 | 2.7 kOhm | 2%, 0.25W, Mf |
| D.....33 | 50.04.0125 | 1N4448 | | | | R.....47 | 57.11.3222 | 2.2 kOhm | 2%, 0.25W, Mf |
| D.....34 | 50.04.0125 | 1N4448 | | | | R.....48 | 57.11.3822 | 8.2 kOhm | 2%, 0.25W, Mf |
| D.....35 | 50.04.0125 | 1N4448 | | | | R.....49 | 57.11.3103 | 10 kOhm | 2%, 0.25W, Mf |
| D.....37 | 50.04.0105 | 1N4004 | | | | R.....50 | 57.11.3272 | 2.7 kOhm | 2%, 0.25W, Mf |
| D.....38 | 50.04.0105 | 1N4004 | | | | R.....51 | 57.11.3104 | 100 kOhm | 2%, 0.25W, Mf |
| DV....1 | 50.04.1112 | 5.1V | | | 0.5W | R.....52 | 57.11.3471 | 470 Ohm | 2%, 0.25W, Mf |
| DV....2 | 50.04.1112 | 5.1V | | | 0.5W | R.....53 | 57.11.3473 | 47 kOhm | 2%, 0.25W, Mf |

REVOX ELA AG, CH-8105 REGENSDORF

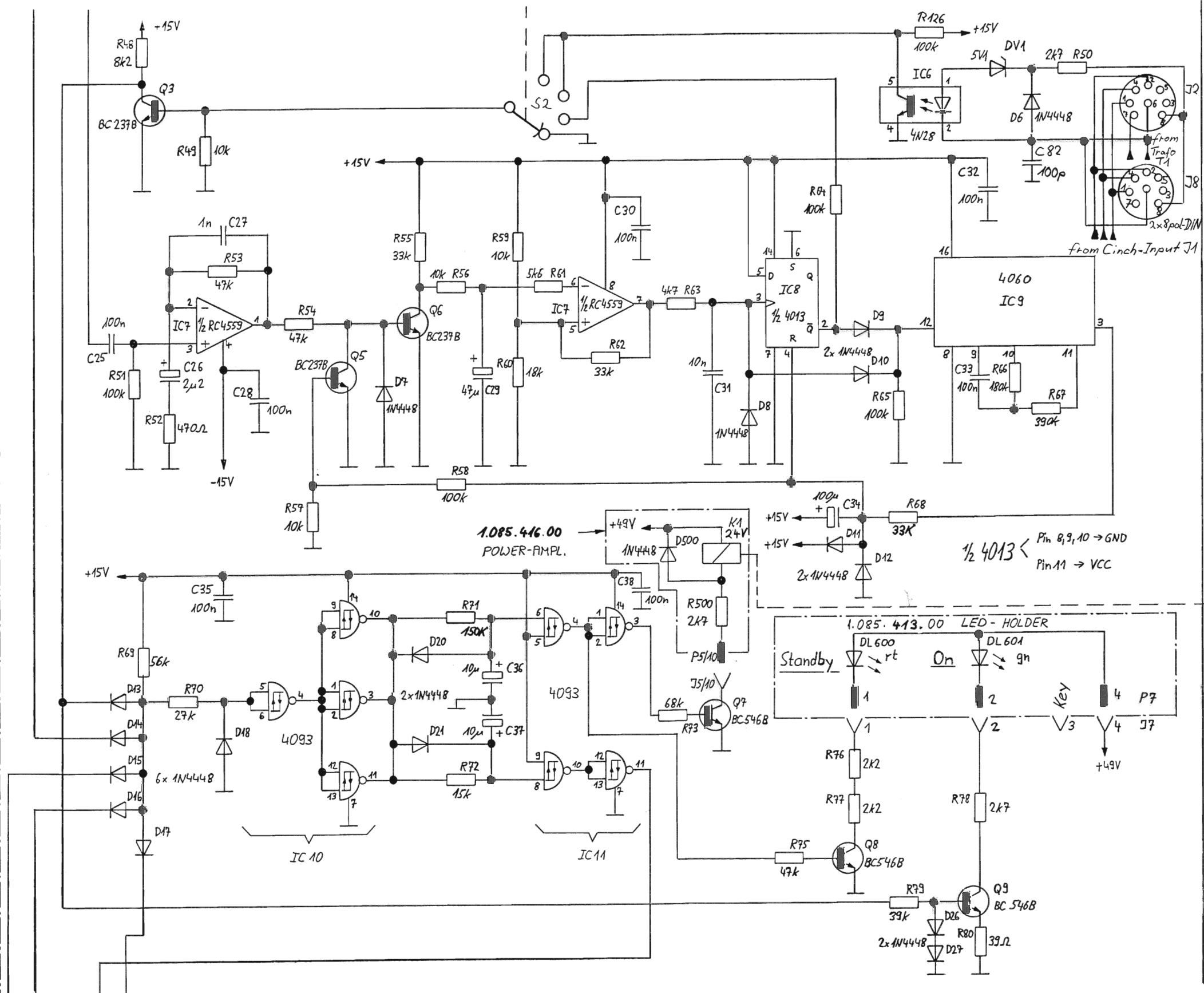
| | | | | | |
|------------|--------------|----------|----------|------------|-----------------|
| R....54 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R....55 | 57.11.3333 | 33 kOhm | 2% | 0.25W | Mf |
| R....56 | 57.11.3103 | 10 kOhm | 2% | 0.25W | Mf |
| R....57 | 57.11.3103 | 10 kOhm | 2% | 0.25W | Mf |
| R....58 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| R....59 | 57.11.3103 | 10 kOhm | 2% | 0.25W | Mf |
| R....60 | 57.11.3183 | 18 kOhm | 2% | 0.25W | Mf |
| R....61 | 57.11.3562 | 5.6 kOhm | 2% | 0.25W | Mf |
| R....62 | 57.11.3333 | 33 kOhm | 2% | 0.25W | Mf |
| R....63 | 57.11.3472 | 4.7 kOhm | 2% | 0.25W | Mf |
| R....64 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| R....65 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| R....66 | 57.11.3184 | 180 kOhm | 2% | 0.25W | Mf |
| R....67 | 57.11.3394 | 390 kOhm | 2% | 0.25W | Mf |
| R....68 | 57.11.3563 | 56 kOhm | 2% | 0.25W | Mf |
| 04 R....68 | 57.11.3333 | 33 kOhm | 2% | 0.25W | Mf |
| R....69 | 57.11.3563 | 56 kOhm | 2% | 0.25W | Mf |
| R....70 | 57.11.3273 | 27 kOhm | 2% | 0.25W | Mf |
| R....71 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| 01 R....71 | 57.11.3154 | 150 kOhm | 2% | 0.25W | Mf |
| R....72 | 57.11.3153 | 15 kOhm | 2% | 0.25W | Mf |
| R....73 | 57.11.3683 | 68 kOhm | 2% | 0.25W | Mf |
| R....74 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| R....75 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R....76 | 57.11.3222 | 2.2 kOhm | 2% | 0.25W | Mf |
| R....77 | 57.11.3222 | 2.2 kOhm | 2% | 0.25W | Mf |
| R....78 | 57.11.3272 | 2.7 kOhm | 2% | 0.25W | Mf |
| R....79 | 57.11.3393 | 39 kOhm | 2% | 0.25W | Mf |
| R....80 | 57.11.3390 | 39 Ohm | 2% | 0.25W | Mf |
| R....81 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| R....82 | 57.11.3332 | 3.3 kOhm | 2% | 0.25W | Mf |
| R....83 | 57.11.5475 | 4.7 MOhm | 5% | 0.25W | Mf |
| R....84 | 57.11.3683 | 68 kOhm | 2% | 0.25W | Mf |
| 01 R....84 | 57.11.3472 | 4.7 kOhm | 2% | 0.25W | Mf |
| R....85 | 57.11.5475 | 4.7 MOhm | 5% | 0.25W | Mf |
| R....86 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R....87 | 57.11.3684 | 680 kOhm | 2% | 0.25W | Mf |
| R....88 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R....89 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R....90 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R....91 | 57.11.3334 | 330 kOhm | 2% | 0.25W | Mf |
| R....95 | 57.11.3224 | 220 kOhm | 2% | 0.25W | Mf |
| R....96 | 57.11.3474 | 470 kOhm | 2% | 0.25W | Mf |
| R....98 | 57.11.3472 | 4.7 kOhm | 2% | 0.25W | Mf |
| R....99 | 57.11.3124 | 120 kOhm | 2% | 0.25W | Mf |
| R...100 | 57.11.3123 | 12 kOhm | 2% | 0.25W | Mf |
| R...101 | 57.11.3562 | 5.6 kOhm | 2% | 0.25W | Mf |
| R...102 | 57.11.3153 | 15 kOhm | 2% | 0.25W | Mf |
| R...103 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| R...107 | 57.11.3333 | 33 kOhm | 2% | 0.25W | Mf |
| R...108 | 57.11.3333 | 33 kOhm | 2% | 0.25W | Mf |
| R...109 | 57.11.3472 | 4.7 kOhm | 2% | 0.25W | Mf |
| R...110 | 57.11.3472 | 4.7 kOhm | 2% | 0.25W | Mf |
| R...111 | 57.11.3154 | 150 kOhm | 2% | 0.25W | Mf |
| R...112 | 57.11.3154 | 150 kOhm | 2% | 0.20W | Mf |
| R...113 | 57.11.3334 | 330 kOhm | 2% | 0.25W | Mf |
| R...114 | 57.11.3472 | 4.7 kOhm | 2% | 0.25W | Mf |
| R...115 | 57.11.3334 | 330 kOhm | 2% | 0.25W | Mf |
| R...116 | 57.19.0331 | 330 Ohm | 5% | 0.33W | Fusible resisto |
| R...117 | 57.19.0331 | 330 Ohm | 5% | 0.33W | Fusible resisto |
| R...118 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R...119 | 57.11.3473 | 47 kOhm | 2% | 0.25W | Mf |
| R...120 | 57.11.3470 | 47 Ohm | 2% | 0.25W | Mf |
| R...121 | 57.11.3470 | 47 Ohm | 2% | 0.25W | Mf |
| R...122 | 57.11.3302 | 3 kOhm | 2% | 0.25W | Mf |
| R...123 | 57.11.3302 | 3 kOhm | 2% | 0.25W | Mf |
| R...124 | 57.11.3271 | 270 Ohm | 2% | 0.25W | Mf |
| R...125 | 57.11.3271 | 270 Ohm | 2% | 0.25W | Mf |
| R...126 | 57.11.3104 | 100 kOhm | 2% | 0.25W | Mf |
| R...127 | 57.11.3561 | 560 Ohm | 2% | 0.25W | Mf |
| R...128 | 57.11.3561 | 560 Ohm | 2% | 0.25W | Mf |
| R...129 | 57.11.3561 | 560 Ohm | 2% | 0.25W | Mf |
| R...130 | 57.11.3561 | 560 Ohm | 2% | 0.25W | Mf |
| R...131 | 57.11.3394 | 390 kOhm | 2% | 0.25W | Mf |
| 01 R...131 | 57.11.3564 | 560 kOhm | 2% | 0.25W | Mf |
| R...132 | 57.11.3184 | 180 kOhm | 2% | 0.25W | Mf |
| 01 R...132 | 57.11.3224 | 220 kOhm | 2% | 0.25W | Mf |
| R...133 | 57.11.3122 | 1.2 kOhm | 2% | 0.25W | Mf |
| R...150 | 57.11.3823 | 82 kOhm | 2% | 0.25W | Mf |
| R...151 | 57.11.3472 | 4.7 kOhm | 2% | 0.25W | Mf |
| R...152 | 57.11.3911 | 910 Ohm | 2% | 0.25W | Mf |
| R...154 | 57.11.3823 | 82 kOhm | 2% | 0.25W | Mf |
| R...156 | 57.11.3102 | 1 kOhm | 2% | 0.25W | Mf |
| R...160 | 57.11.3162 | 1.6 kOhm | 2% | 0.25W | Mf |
| R...162 | 57.11.3222 | 2.2 kOhm | 2% | 0.25W | Mf |
| R...163 | 57.11.3223 | 22 kOhm | 2% | 0.25W | Mf |
| R...164 | 57.11.3332 | 3.3 kOhm | 2% | 0.25W | Mf |
| RA....1 | 58.01.8101 | 100 Ohm | -10% | C | |
| RA....3 | 57.92.1151 | 18 Ohm | PTC | 56V | |
| RA....4 | 57.92.1151 | 18 Ohm | PTC | 56V | |
| RA....5 | 57.92.1681 | 1.6 Ohm | PTC | 56V | |
| S.....1 | 1.775.330.01 | | 2*4 Pos. | , shorting | |
| S.....2 | 1.775.330.01 | | 2*4 Pos. | , shorting | |
| XF....1 | 53.03.0142 | 5*20 | | Fuseholder | |
| 02 XF....2 | 53.03.0142 | 5*20 | | Fuseholder | |

BASIS BOARD AGORA SLIM LINE 1.085.415.00



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|-------------------------------------|-----------|---|------------|---|------------|-------------|
| 0 | 8.288 ULL | 3 | 6.2.89 ULL | 4 | 4.1.90 ULL | PAGE 1 OF 1 |
| BASIS BOARD / POWER AMPLIFIER BOARD | | | | | | |
| STUDER | | | | | | |
| AGORA SLIM LINE | | | | | | |
| 1.085.415.00 | | | | | | |

BASIS BOARD AGORA SLIM LINE 1.085.415.00

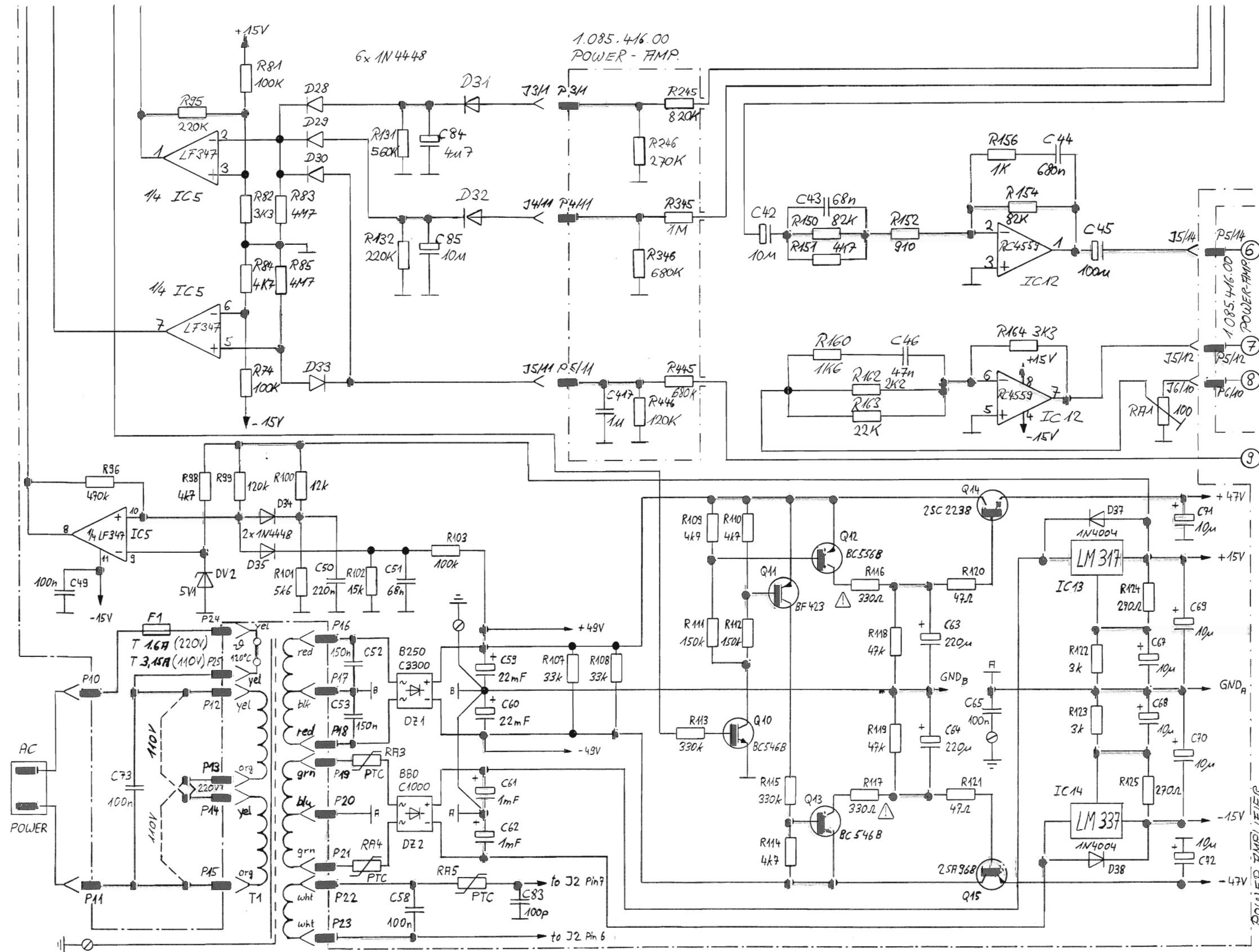


| | | |
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| ④ | 4.1.90 | UL |
| ③ | 6.2.88 | UL |
| ① | 12.7.88 | UL |
| ② | 28.6.88 | UL |
| ⑤ | 9.2.88 | UL |
| BASIS BOARD / POWER AMPL. BOARD | | |
| FIGORA MKII | | |
| SC | 1.085.414.00 | |
| | 1.085.415.00 | |

PAGE 2 OF 3

1.085.414.00
1.085.415.00

BASIS BOARD AGORA SLIM LINE 1.085.415.00

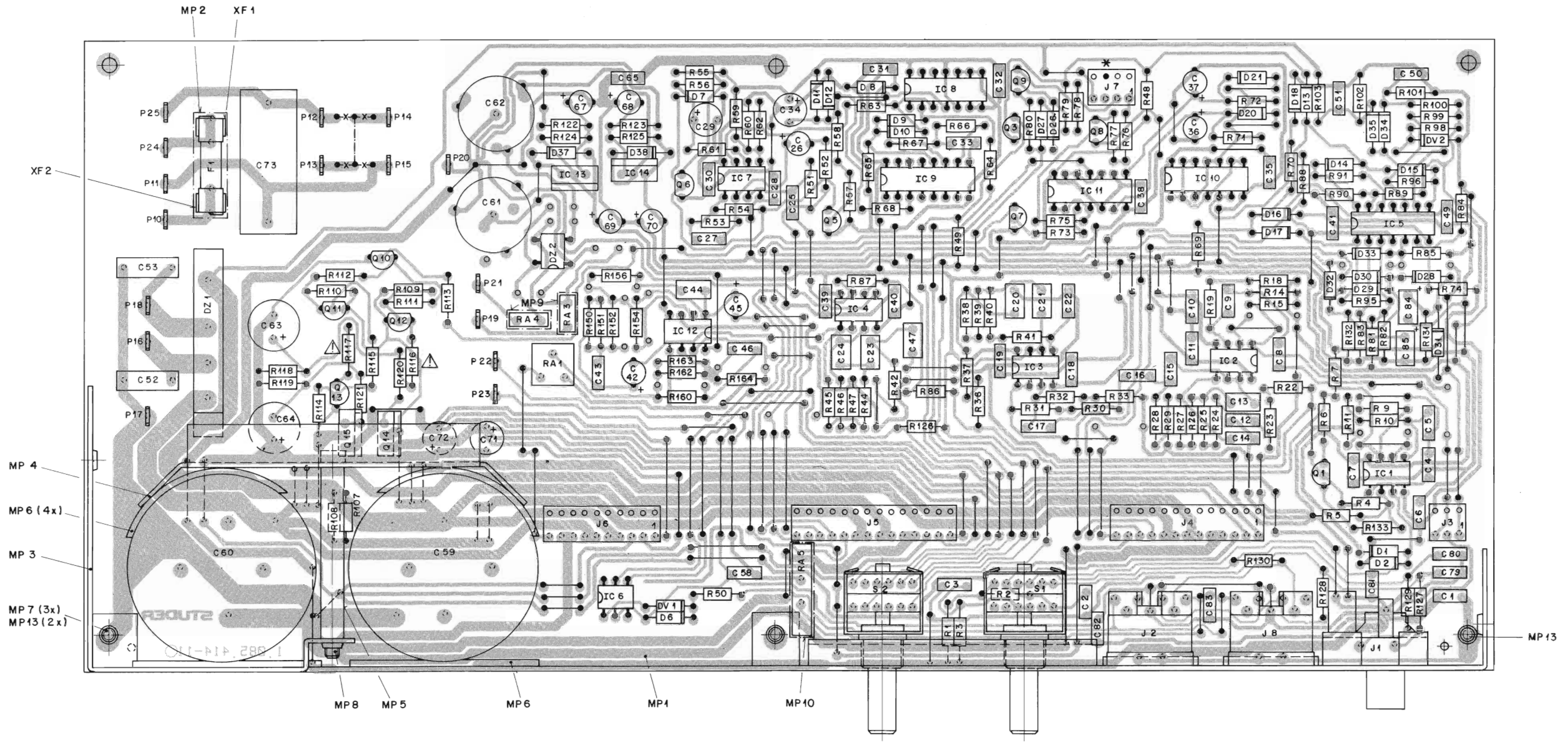


| | | |
|-------------|--------------|----|
| ④ | 4.1.90 | UL |
| ③ | 6.2.89 | UL |
| ① | 12.7.88 | UL |
| ② | 28.6.88 | UL |
| BASIS BOARD | | |
| AGORA MKII | | |
| SC | 1.085.414.00 | |
| | 1.085.415.00 | |

POWER AMPLIFIER
1.085.416.00

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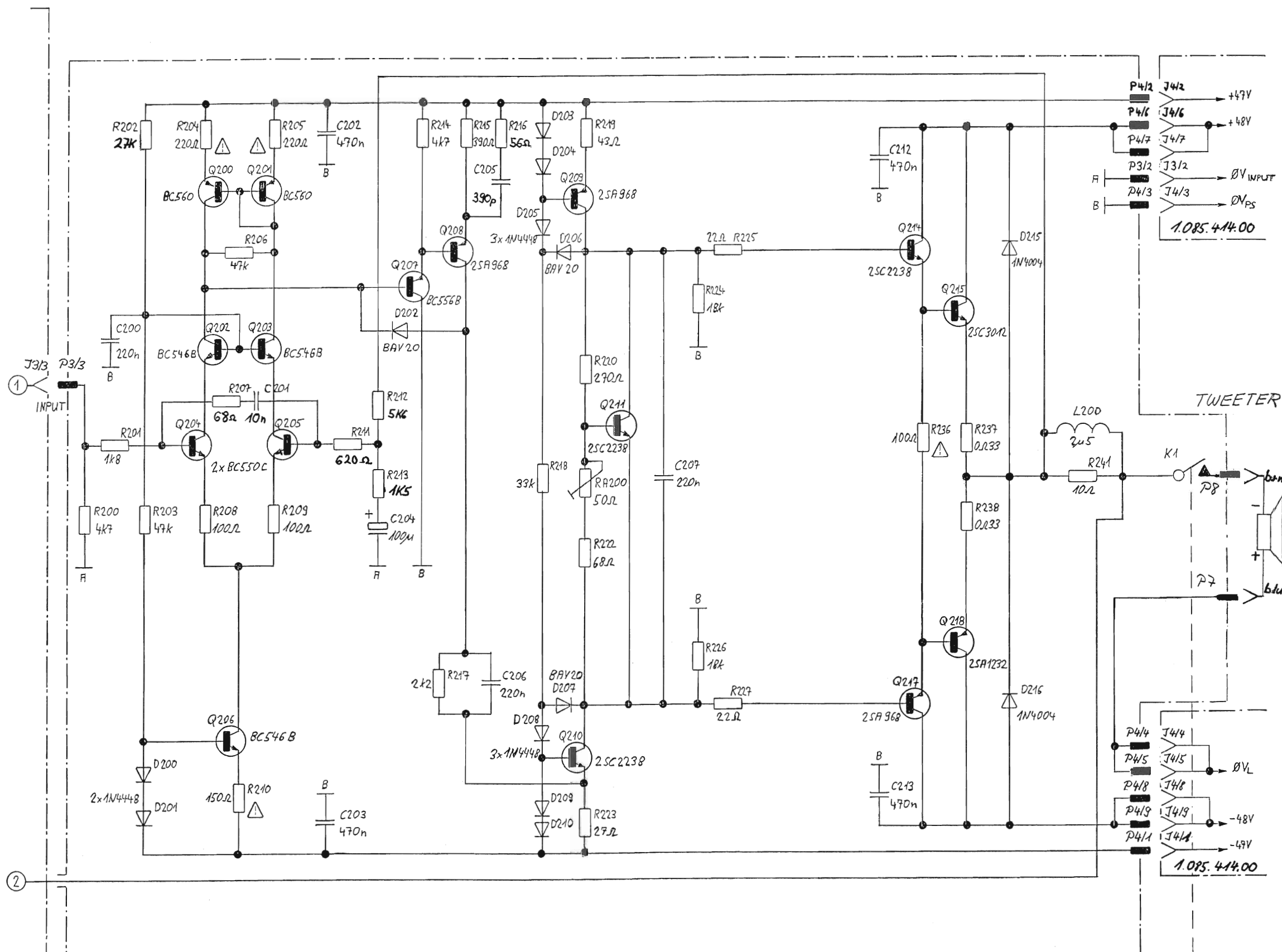
BASIS BOARD AGORA SLIM LINE 1.085.415.00



REVOX ELA AG, CH-8105 REGENSDORF

| | | | | | | | |
|------------|------------|----------|-----------|-----------------|------------|--------------|--------------------|
| R....42 | 57.11.3822 | 8.2 kOhm | 2%, 0.25W | Mf | | | |
| R....44 | 57.11.3561 | 560 Ohm | 2%, 0.25W | Mf | RA....4 | 57.92.1151 | 18 Ohm PTC, 56V |
| R....45 | 57.11.3152 | 1.5 kOhm | 2%, 0.25W | Mf | RA....5 | 57.92.1681 | 1.6 Ohm PTC, 56V |
| R....46 | 57.11.3273 | 27 kOhm | 2%, 0.25W | Mf | S.....1 | 1.775.330.01 | 2*4 Pos., shorting |
| R....47 | 57.11.3222 | 2.2 kOhm | 2%, 0.25W | Mf | S.....2 | 1.775.330.01 | 2*4 Pos., shorting |
| R....48 | 57.11.3822 | 8.2 kOhm | 2%, 0.25W | Mf | XF....1 | 53.03.0142 | 5*20 Fuseholder |
| R....49 | 57.11.3103 | 10 kOhm | 2%, 0.25W | Mf | 02 XF....2 | 53.03.0142 | 5*20 Fuseholder |
| R....50 | 57.11.3272 | 2.7 kOhm | 2%, 0.25W | Mf | | | |
| R....51 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R....52 | 57.11.3471 | 470 Ohm | 2%, 0.25W | Mf | | | |
| R....53 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R....54 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R....55 | 57.11.3333 | 33 kOhm | 2%, 0.25W | Mf | | | |
| R....56 | 57.11.3103 | 10 kOhm | 2%, 0.25W | Mf | | | |
| R....57 | 57.11.3103 | 10 kOhm | 2%, 0.25W | Mf | | | |
| R....58 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R....59 | 57.11.3103 | 10 kOhm | 2%, 0.25W | Mf | | | |
| R....60 | 57.11.3183 | 18 kOhm | 2%, 0.25W | Mf | | | |
| R....61 | 57.11.3562 | 5.6 kOhm | 2%, 0.25W | Mf | | | |
| R....62 | 57.11.3333 | 33 kOhm | 2%, 0.25W | Mf | | | |
| R....63 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W | Mf | | | |
| R....64 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R....65 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R....66 | 57.11.3184 | 180 kOhm | 2%, 0.25W | Mf | | | |
| R....67 | 57.11.3394 | 390 kOhm | 2%, 0.25W | Mf | | | |
| R....68 | 57.11.3563 | 56 kOhm | 2%, 0.25W | Mf | | | |
| 04 R....68 | 57.11.3333 | 33 kOhm | 2%, 0.25W | Mf | | | |
| R....69 | 57.11.3563 | 56 kOhm | 2%, 0.25W | Mf | | | |
| R....70 | 57.11.3273 | 27 kOhm | 2%, 0.25W | Mf | | | |
| R....71 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| 01 R....71 | 57.11.3154 | 150 kOhm | 2%, 0.25W | Mf | | | |
| R....72 | 57.11.3153 | 15 kOhm | 2%, 0.25W | Mf | | | |
| R....73 | 57.11.3683 | 68 kOhm | 2%, 0.25W | Mf | | | |
| R....74 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R....75 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R....76 | 57.11.3222 | 2.2 kOhm | 2%, 0.25W | Mf | | | |
| R....77 | 57.11.3222 | 2.2 kOhm | 2%, 0.25W | Mf | | | |
| R....78 | 57.11.3272 | 2.7 kOhm | 2%, 0.25W | Mf | | | |
| R....79 | 57.11.3393 | 39 kOhm | 2%, 0.25W | Mf | | | |
| R....80 | 57.11.3390 | 39 Ohm | 2%, 0.25W | Mf | | | |
| R....81 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R....82 | 57.11.3332 | 3.3 kOhm | 2%, 0.25W | Mf | | | |
| R....83 | 57.11.5475 | 4.7 MOhm | 5%, 0.25W | Mf | | | |
| R....84 | 57.11.3683 | 68 kOhm | 2%, 0.25W | Mf | | | |
| 01 R....84 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W | Mf | | | |
| R....85 | 57.11.5475 | 4.7 MOhm | 5%, 0.25W | Mf | | | |
| R....86 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R....87 | 57.11.3684 | 680 kOhm | 2%, 0.25W | Mf | | | |
| R....88 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R....89 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R....90 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R....91 | 57.11.3334 | 330 kOhm | 2%, 0.25W | Mf | | | |
| R....95 | 57.11.3224 | 220 kOhm | 2%, 0.25W | Mf | | | |
| R....96 | 57.11.3474 | 470 kOhm | 2%, 0.25W | Mf | | | |
| R....98 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W | Mf | | | |
| R....99 | 57.11.3124 | 120 kOhm | 2%, 0.25W | Mf | | | |
| R...100 | 57.11.3123 | 12 kOhm | 2%, 0.25W | Mf | | | |
| R...101 | 57.11.3562 | 5.6 kOhm | 2%, 0.25W | Mf | | | |
| R...102 | 57.11.3153 | 15 kOhm | 2%, 0.25W | Mf | | | |
| R...103 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R...107 | 57.11.3333 | 33 kOhm | 2%, 0.25W | Mf | | | |
| R...108 | 57.11.3333 | 33 kOhm | 2%, 0.25W | Mf | | | |
| R...109 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W | Mf | | | |
| R...110 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W | Mf | | | |
| R...111 | 57.11.3154 | 150 kOhm | 2%, 0.25W | Mf | | | |
| R...112 | 57.11.3154 | 150 kOhm | 2%, 0.20W | Mf | | | |
| R...113 | 57.11.3334 | 330 kOhm | 2%, 0.25W | Mf | | | |
| R...114 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W | Mf | | | |
| R...115 | 57.11.3334 | 330 kOhm | 2%, 0.25W | Mf | | | |
| R...116 | 57.19.0331 | 330 Ohm | 5%, 0.33W | Fusible resisto | | | |
| R...117 | 57.19.0331 | 330 Ohm | 5%, 0.33W | Fusible resisto | | | |
| R...118 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R...119 | 57.11.3473 | 47 kOhm | 2%, 0.25W | Mf | | | |
| R...120 | 57.11.3470 | 47 Ohm | 2%, 0.25W | Mf | | | |
| R...121 | 57.11.3470 | 47 Ohm | 2%, 0.25W | Mf | | | |
| R...122 | 57.11.3302 | 3 kOhm | 2%, 0.25W | Mf | | | |
| R...123 | 57.11.3302 | 3 kOhm | 2%, 0.25W | Mf | | | |
| R...124 | 57.11.3271 | 270 Ohm | 2%, 0.25W | Mf | | | |
| R...125 | 57.11.3271 | 270 Ohm | 2%, 0.25W | Mf | | | |
| R...126 | 57.11.3104 | 100 kOhm | 2%, 0.25W | Mf | | | |
| R...127 | 57.11.3561 | 560 Ohm | 2%, 0.25W | Mf | | | |
| R...128 | 57.11.3561 | 560 Ohm | 2%, 0.25W | Mf | | | |
| R...129 | 57.11.3561 | 560 Ohm | 2%, 0.25W | Mf | | | |
| R...130 | 57.11.3561 | 560 Ohm | 2%, 0.25W | Mf | | | |
| R...131 | 57.11.3394 | 390 kOhm | 2%, 0.25W | Mf | | | |
| 01 R...131 | 57.11.3564 | 560 kOhm | 2%, 0.25W | Mf | | | |
| R...132 | 57.11.3184 | 180 kOhm | 2%, 0.25W | Mf | | | |
| 01 R...132 | 57.11.3224 | 220 kOhm | 2%, 0.25W | Mf | | | |
| R...133 | 57.11.3122 | 1.2 kOhm | 2%, 0.25W | Mf | | | |
| R...150 | 57.11.3823 | 82 kOhm | 2%, 0.25W | Mf | | | |
| R...151 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W | Mf | | | |
| R...152 | 57.11.3911 | 910 Ohm | 2%, 0.25W | Mf | | | |
| R...154 | 57.11.3823 | 82 kOhm | 2%, 0.25W | Mf | | | |
| R...156 | 57.11.3102 | 1 kOhm | 2%, 0.25W | Mf | | | |
| R...160 | 57.11.3162 | 1.6 kOhm | 2%, 0.25W | Mf | | | |
| R...162 | 57.11.3222 | 2.2 kOhm | 2%, 0.25W | Mf | | | |
| R...163 | 57.11.3223 | 22 kOhm | 2%, 0.25W | Mf | | | |
| R...164 | 57.11.3332 | 3.3 kOhm | 2%, 0.25W | Mf | | | |
| RA....1 | 58.01.8101 | 100 Ohm | -10% | C | | | |
| RA....3 | 57.92.1151 | 18 Ohm | PTC | , 56V | | | |

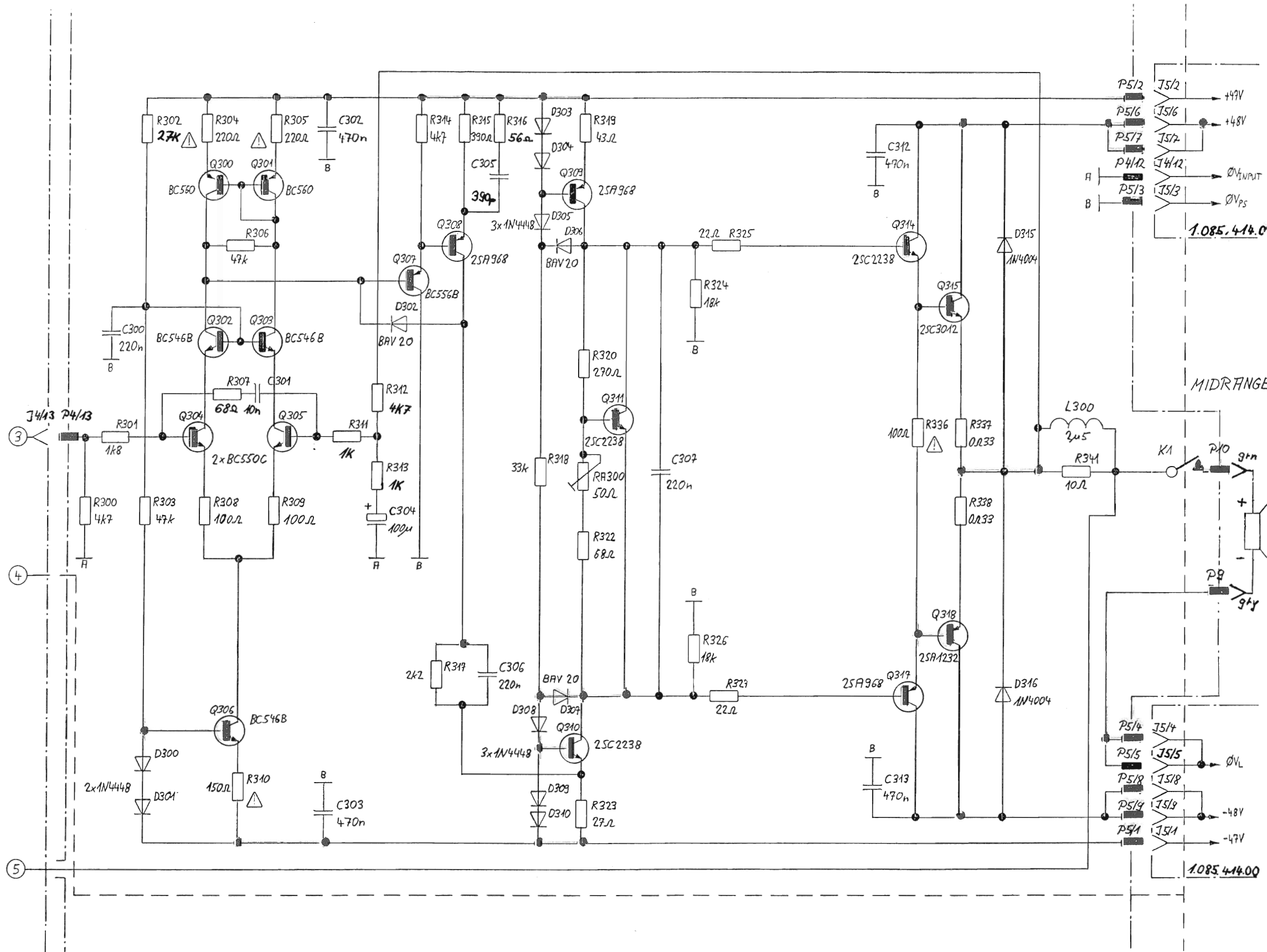
POWER AMPLIFIER BOARD AGORA MKII / SLIM LINE 1.085.416.00



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| | | | AGORA MKII | 1.085.416.00 |
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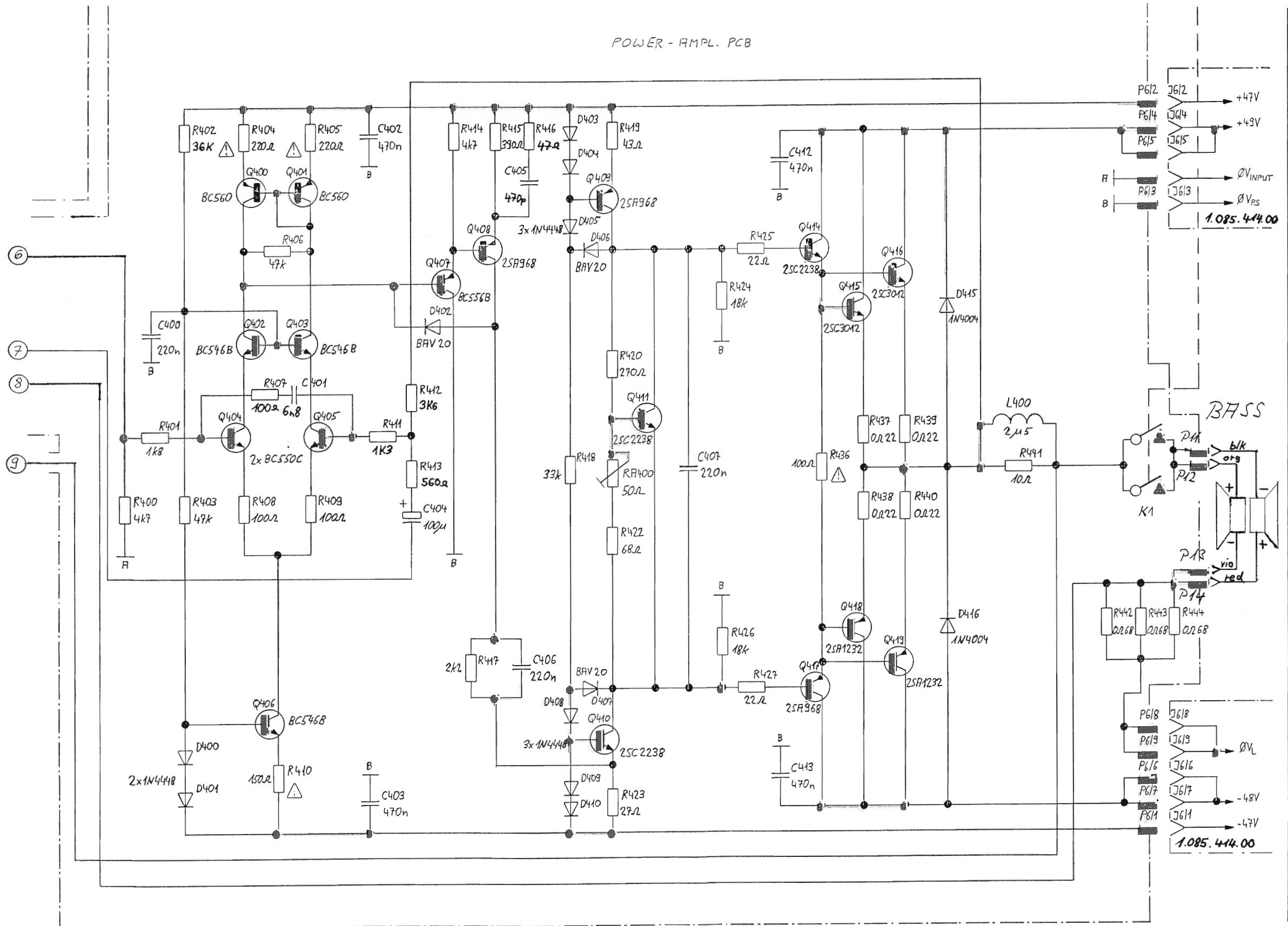
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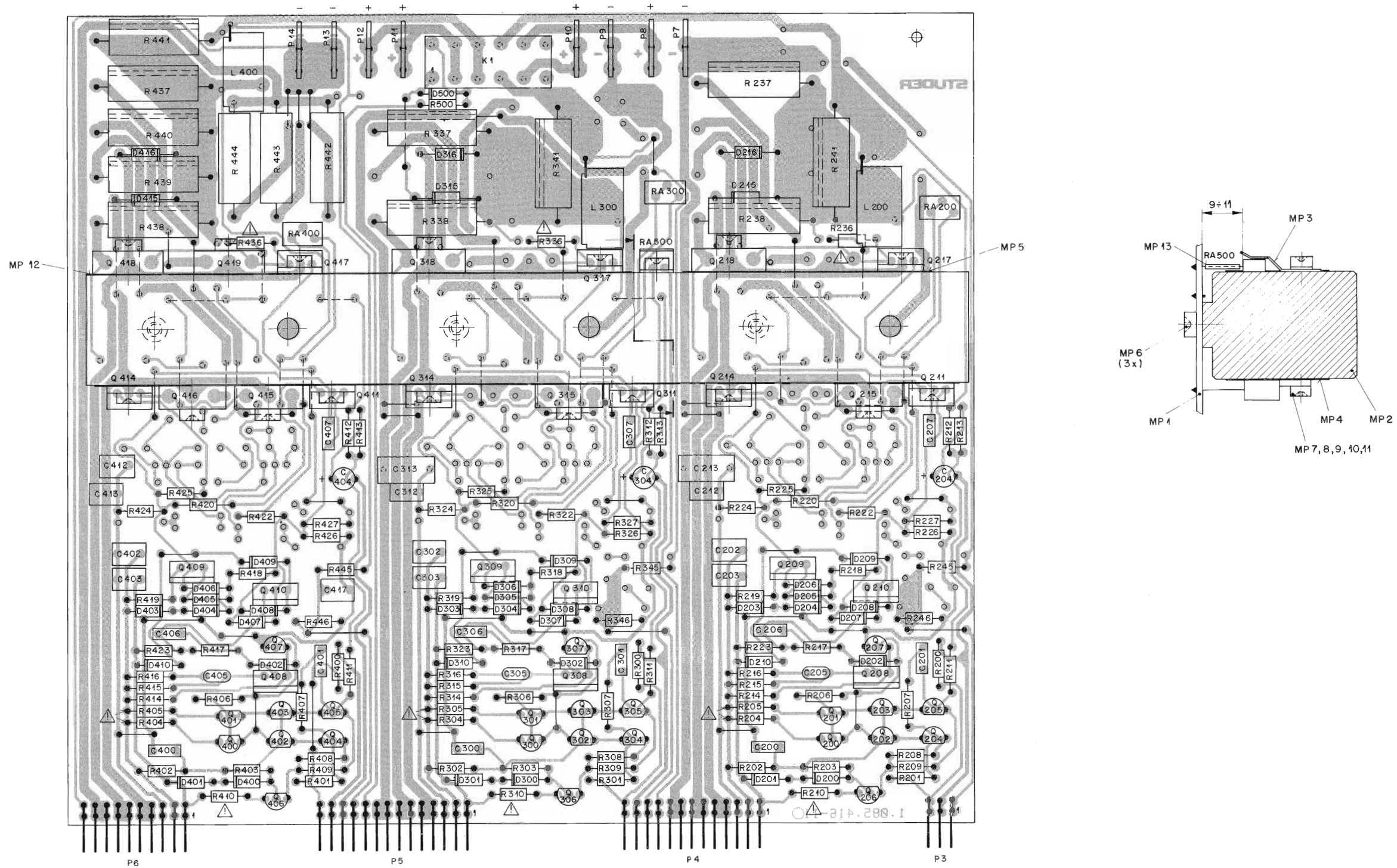
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| 9. 2. 88 LL | 28. 6. 88 LL | BASIS BOARD / POWER AMPL. BOARD | PAGE 2 OF 3 |
| STUDER | | | 1.085.416.00 |
| AGORA MKII | | | SC |

POWER AMPLIFIER BOARD AGORA MKII / SLIM LINE 1.085.416.00

POWER - AMPL. PCB



POWER AMPLIFIER BOARD AGORA MKII / SLIM LINE 1.085.416.00



POWER AMP. BOARD "ESE" 1.085.416.00

Ad ..Pos... ..Ref.No... Description

Table with columns for Ad, Pos, Ref.No, Description, and component details (part number, value, tolerance, and type). Includes rows for capacitors (C...), diodes (D...), resistors (R...), and other components like PCB, heat sink, and insulators.

| | | | |
|------------|------------|----------|----------------------------|
| R...312 | 57.11.3332 | 3.3 kOhm | 2%, 0.25W, Mf |
| R...313 | 57.11.3102 | 1 kOhm | 2%, 0.25W, Mf |
| R...314 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W, Mf |
| R...315 | 57.11.3391 | 390 Ohm | 2%, 0.25W, Mf |
| R...316 | 57.11.3560 | 56 Ohm | 2%, 0.25W, Mf |
| R...317 | 57.11.3222 | 2.2 kOhm | 2%, 0.25W, Mf |
| R...318 | 57.11.3333 | 33 kOhm | 2%, 0.25W, Mf |
| R...319 | 57.11.3430 | 43 Ohm | 2%, 0.25W, Mf |
| R...320 | 57.11.3271 | 270 Ohm | 2%, 0.25W, Mf |
| R...322 | 57.11.3680 | 68 Ohm | 2%, 0.25W, Mf |
| R...323 | 57.11.3270 | 27 Ohm | 2%, 0.25W, Mf |
| R...324 | 57.11.3183 | 18 kOhm | 2%, 0.25W, Mf |
| R...325 | 57.11.3220 | 22 Ohm | 2%, 0.25W, Mf |
| R...326 | 57.11.3183 | 18 kOhm | 2%, 0.25W, Mf |
| R...327 | 57.11.3220 | 22 Ohm | 2%, 0.25W, Mf |
| R...336 | 57.19.0101 | 100 Ohm | 5%, 0.33W, Fusible Resisto |
| R...337 | 57.56.5338 | 0.33 Ohm | 10%, 4.00W |
| R...338 | 57.56.5338 | 0.33 Ohm | 10%, 4.00W |
| R...341 | 57.56.5100 | 10 Ohm | 10%, 4.00W |
| R...345 | 57.11.3334 | 330 kOhm | 2%, 0.25W, Mf |
| 01 R...345 | 57.11.3105 | 1 MOhm | 2%, 0.25W, Mf |
| R...346 | 57.11.5106 | 10 MOhm | 5%, 0.25W, Mf |
| 01 R...346 | 57.11.3304 | 300 kOhm | 2%, 0.25W, Mf |
| R...400 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W, Mf |
| R...401 | 57.11.3182 | 1.8 kOhm | 2%, 0.25W, Mf |
| R...402 | 57.11.3363 | 36 kOhm | 2%, 0.25W, Mf |
| R...403 | 57.11.3473 | 47 kOhm | 2%, 0.25W, Mf |
| R...404 | 57.19.0221 | 220 Ohm | 5%, 0.33W, Fusible Resisto |
| R...405 | 57.19.0221 | 220 Ohm | 5%, 0.33W, Fusible Resisto |
| R...406 | 57.11.3473 | 47 kOhm | 2%, 0.25W, Mf |
| R...407 | 57.11.3101 | 100 Ohm | 2%, 0.25W, Mf |
| R...408 | 57.11.3101 | 100 Ohm | 2%, 0.25W, Mf |
| R...409 | 57.11.3101 | 100 Ohm | 2%, 0.25W, Mf |
| R...410 | 57.19.0151 | 150 Ohm | 5%, 0.33W, Fusible Resisto |
| R...411 | 57.11.3132 | 1.3 kOhm | 2%, 0.25W, Mf |
| R...412 | 57.11.3362 | 3.6 kOhm | 2%, 0.25W, Mf |
| R...413 | 57.11.3561 | 560 Ohm | 2%, 0.25W, Mf |
| R...414 | 57.11.3472 | 4.7 kOhm | 2%, 0.25W, Mf |
| R...415 | 57.11.3391 | 390 Ohm | 2%, 0.25W, Mf |
| R...416 | 57.11.3470 | 47 Ohm | 2%, 0.25W, Mf |
| R...417 | 57.11.3222 | 2.2 kOhm | 2%, 0.25W, Mf |
| R...418 | 57.11.3333 | 33 kOhm | 2%, 0.25W, Mf |
| R...419 | 57.11.3430 | 43 Ohm | 1%, 0.25W, Mf |
| R...420 | 57.11.3271 | 270 Ohm | 2%, 0.25W, Mf |
| R...422 | 57.11.3680 | 68 Ohm | 2%, 0.25W, Mf |
| R...423 | 57.11.3270 | 27 Ohm | 2%, 0.25W, Mf |
| R...424 | 57.11.3183 | 18 kOhm | 2%, 0.25W, Mf |
| R...425 | 57.11.3220 | 22 Ohm | 2%, 0.25W, Mf |
| R...426 | 57.11.3183 | 18 kOhm | 2%, 0.25W, Mf |
| R...427 | 57.11.3220 | 22 Ohm | 2%, 0.25W, Mf |
| R...436 | 57.19.0101 | 100 Ohm | 5%, 0.33W, Fusible Resisto |
| R...437 | 57.56.5228 | 0.22 Ohm | 10%, 4.00W |
| R...438 | 57.56.5228 | 0.22 Ohm | 10%, 4.00W |
| R...439 | 57.56.5228 | 0.22 Ohm | 10%, 4.00W |
| R...440 | 57.56.5228 | 0.22 Ohm | 10%, 4.00W |
| R...441 | 57.56.5100 | 10 Ohm | 10%, 4.00W |
| R...442 | 57.56.5688 | 0.68 Ohm | 10%, 4.00W |
| R...443 | 57.56.5688 | 0.68 Ohm | 10%, 4.00W |
| R...444 | 57.56.5688 | 0.68 Ohm | 10%, 4.00W |
| R...445 | 57.11.3154 | 150 kOhm | 2%, 0.25W, Mf |
| 01 R...445 | 57.11.3684 | 680 kOhm | 2%, 0.25W, Mf |
| R...446 | 57.11.5106 | 10 MOhm | 5%, 0.25W, Mf |
| 01 R...446 | 57.11.3124 | 120 kOhm | 2%, 0.25W, Mf |
| R...500 | 57.11.3272 | 2.7 kOhm | 2%, 0.25W, Mf |
| RA..200 | 58.01.9500 | 50 Ohm | 10%, 0.50W, CERMET |
| RA..300 | 58.01.9500 | 50 Ohm | 10%, 0.50W, CERMET |
| RA..400 | 58.01.9500 | 50 Ohm | 10%, 0.50W, CERMET |
| RA..500 | 57.99.0220 | 16.7kOhm | 100CEL NTC |

Mechanical Spare parts

| AGORA B MKII | | AGORA B SLIM LINE |
|----------------------------|---|----------------------------|
| 1.023.604.20 | AF CABLE 12m | 1.023.604.20 |
| 54.04.0103 21.30.2355 | MAINS CHASSIS SOCKET 2 POLE Flat Head Screw M3x8 | 54.04.0103 21.30.2355 |
| 1.085.382.08 | MAINS TRANSFORMER 110/220V | 1.085.382.08 |
| 1.085.382.16 | MAINS TRANSFORMER 240V | 1.085.382.16 |
| 1.085.410.02 | TOP COVER WALNUT DARK | ----- |
| 1.085.441.02 | TOP COVER PIANO BLACK | ----- |
| 1.085.410.05 | FRONT COVER WALNUT DARK | 1.085.420.23 |
| 1.085.410.06 | FRONT COVER PIANO BLACK | 1.085.420.25 |
| 1.085.504.00 20.27.1430 | WOOFER LOUDSPEAKER Chipboard Screw | 1.085.504.00 20.27.1430 |
| 1.085.712.00 20.27.1429 | MIDRANGE LOUDSPEAKER Chipboard Screw | 1.085.712.00 20.27.1429 |
| 1.085.805.00 20.27.3428 | TWEETER LOUDSPEAKER Chipboard Screw | 1.085.805.00 20.27.3428 |
| 14 x 20.27.3429 | Chipboard Screw Phillips D.4x20 | 14 x 20.27.3429 |

STUDER reVOX

Manufacturer

Willi Studer AG
CH-8105 Regensdorf/Switzerland
Althardstrasse 30

Studer Revox GmbH
D-7827 Löffingen/Germany
Talstrasse 7

Worldwide Distribution

Revox Ela AG
CH-8105 Regensdorf/Switzerland
Althardstrasse 146