Dual HiFi

# CV 6050

| Technische Daten (typische Werte) | Technical data (typical value) | Caractéristiques techniques (valeur caractéristique) | CV 6050 |
|---|---|---|---|
| **Ausgangsleistung (DIN/8 Ω)**<br>Musikleistung<br>Sinus-Dauertonleistung | **Rated output (DIN/8 Ω)**<br>music power<br>Rms continuous power output | **Puissance de sortie (DIN/8 Ω)**<br>Puissance musicale<br>Puissance efficace | 2 × 90 Watt<br>2 × 70 Watt |
| **Klirrfaktor**<br>Nennleistung – 6 dB, 1000 Hz | **Harmonic distortion**<br>nominal output – 6 dB, 1000 Hz | **Facteur de distorsion**<br>Puissance nominale – 6 dB, 1000 Hz | 0,01 % |
| **Leistungsbandbreite** – 3 dB | **Power band width** – 3 dB | **Réponse en puissance** – 3 dB | 7 Hz – 90 kHz |
| **Übertragungsbereich**<br>Tape, DAT, Tuner, CD, Video<br>Phono nach RIAA | **Frequency response**<br>Tape, DAT, Tuner, CD, Video<br>Phono nach RIAA | **Bande passante**<br>Tape, DAT, Tuner, CD, Video<br>Phono nach RIAA | 20 Hz – 20 kHz ± 0,4 dB<br>20 Hz – 20 kHz ± 1 dB |
| **Eingänge**<br>Tape, DAT, Tuner, CD, Video<br>Phono | **Inputs**<br>Tape, DAT, Tuner, CD, Video<br>Phono | **Entrées**<br>Tape, DAT, Tuner, CD, Video<br>Phono | 200 mV, 47 kOhm<br>2,5 mV, 47 kOhm |
| **Ausgänge**<br>2 Druckklemmen für zwei Lautsprecherpaare, Ausgänge A/B oder A+B schaltbar 1 Koaxialbuchse 1/4 inch für Kopfhörer<br>1 Line-Ausgang an Tape<br>1 Line-Ausgang an DAT | **Outputs**<br>2 press-type terminals strips for two sets of speakers, outputs A/B or A+B switchable 1 coaxial jack 1/4 inch for headphone<br>1 Line output to Tape<br>1 Line output to DAT | **Sorties**<br>2 barres a ressort pour deux paires de hauts-parleurs, sortie A/B ou A+B commutables<br>1 prise coaxiale de 1/4 inch le raccordement du casque-écouter<br>1 sortie Line sur la prise Tape<br>1 sortie Line sur la prise DAT | 8– 16 Ohm<br>8–600 Ohm |
| **Fremdspannungsabstand**<br>über Fremdspannungsfilter bezogen auf Nennleistung<br><br>Tape, DAT, Tuner, CD, Video<br>Phono | **Unweighted signal-to-noise ratio**<br>Via external voltage filter (DIN 45 405) related to Nominal output<br><br>Tape, DAT, Tuner, CD, Video<br>Phono | **Rapport signal/bruit non-pondéré**<br>Après le filtre de tension non pondérée (DIN 45 405) ramené à la puissance nominale<br>Tape, DAT, Tuner, CD, Video<br>Phono | 95 dB<br>70 dB |
| **Geräuschspannungsabstand bewertet mit A-Filter (RMS) bezogen auf Nennleistung**<br>Tape, DAT, Tuner, CD, Video<br>Phono | **Signal-to-noise ratio, weighted with IHF weighted with A-filter (RMS) in relation to rated power**<br>Tape, DAT, Tuner, CD, Video<br>Phono | **Rapport signal/bruit pondérée avec filtre A (RMS), ramenée à la puissance nominale**<br>Tape, DAT, Tuner, CD, Video<br>Phono | 100 dB<br>76 dB |
| **Übersprechdämpfung** bei 1000 Hz<br>zwischen den Kanälen<br>zwischen den Eingängen | **Cross-talk attenuation** at 1,000 Hz<br>between the channels<br>between the inputs | **Affaiblissement de diaphonie** pour 1000 Hz<br>entre les canaux<br>entre les entrées | 65 dB<br>80 dB |
| **Leistungsaufnahme (max.)** | **Power consumption (maximum)** | **Puissance absorbée (maximale)** | 280 Watt |
| **Netzspannungen** | **Line voltages** | **Tensions du réseau** | 230 V |

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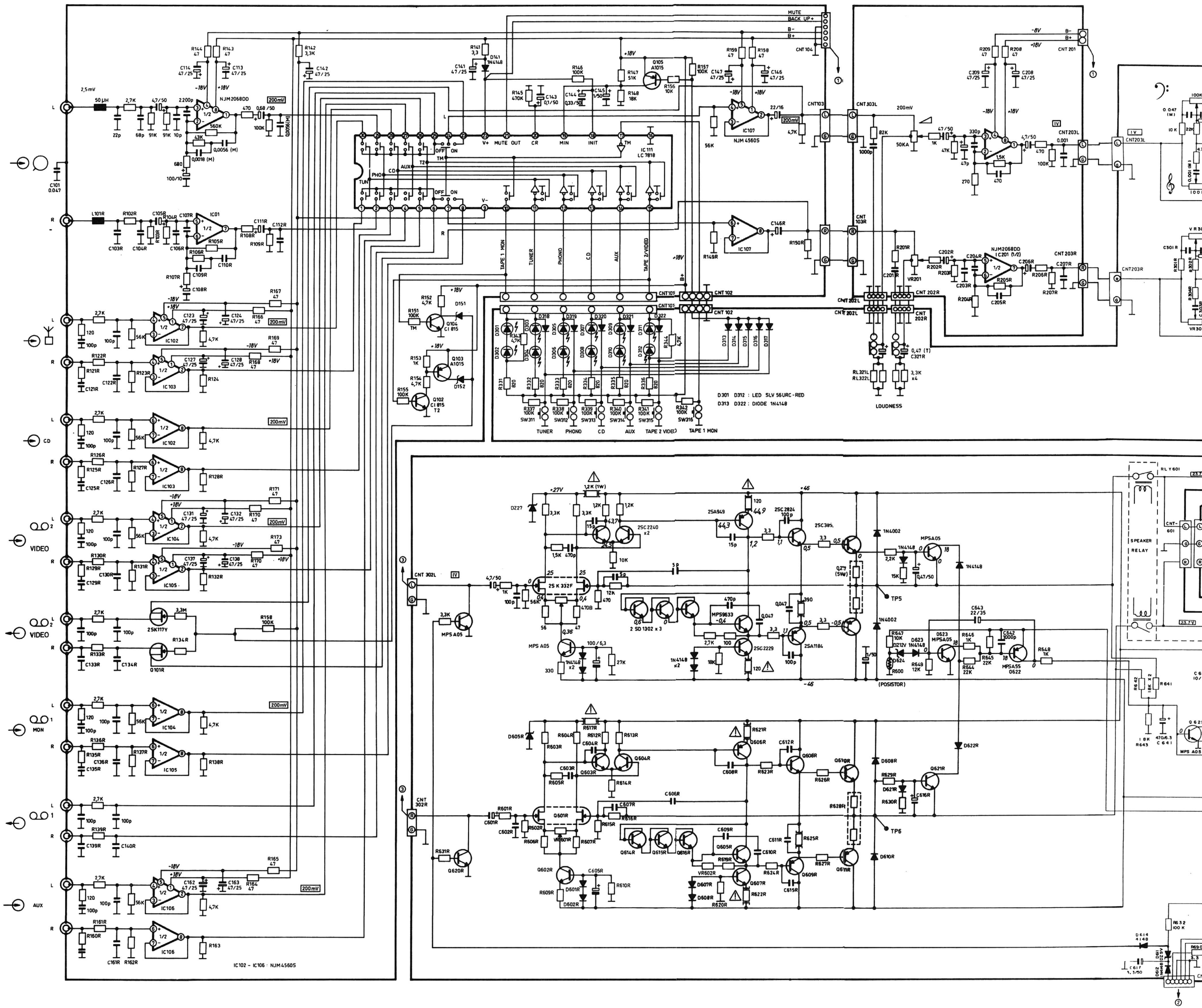
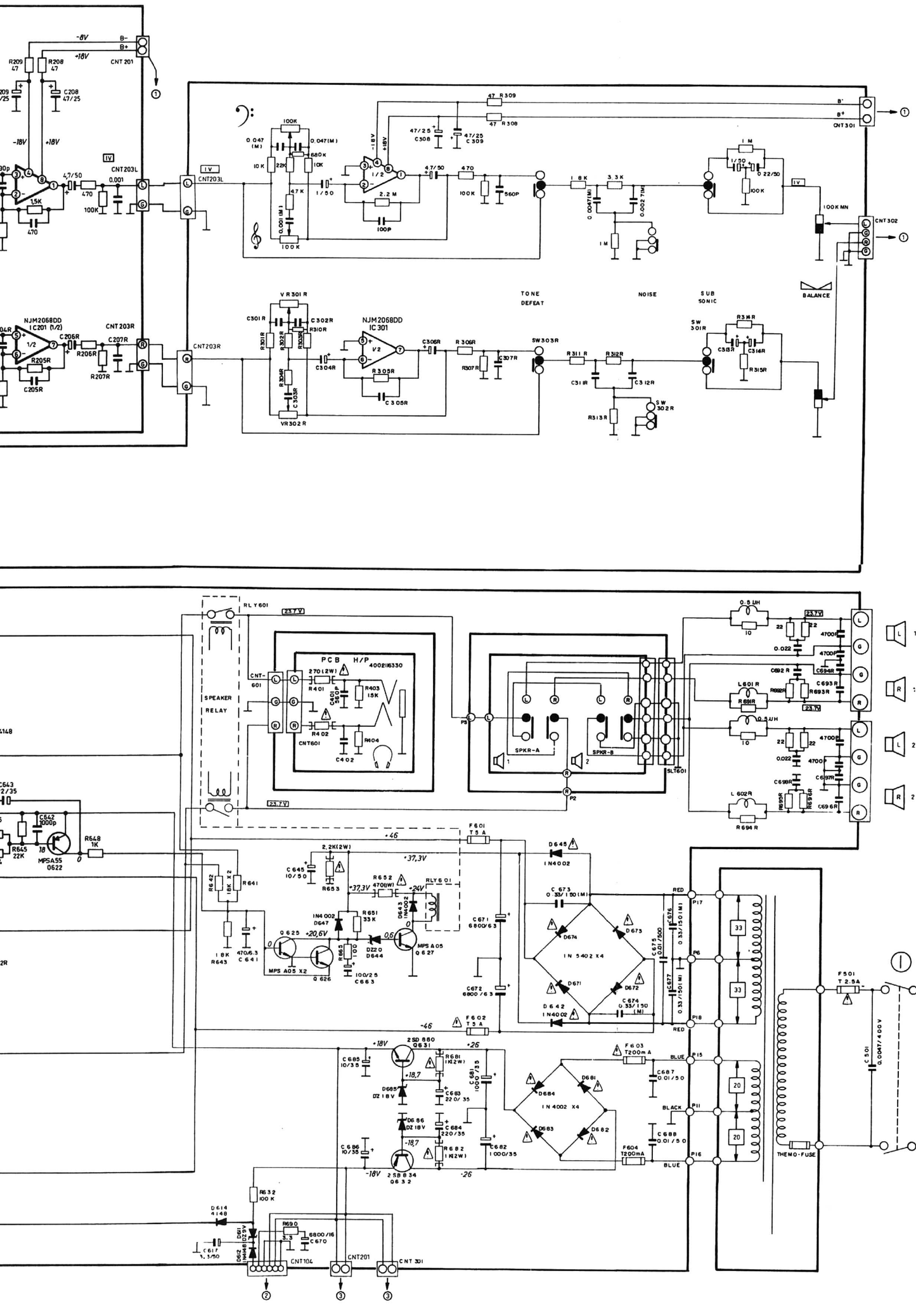
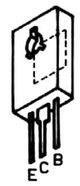

MUTE
BACK UP+
B-
B+
CNT 104
CNT 201
NJM2068DD
NJM 45605
IC 111
LC 7818
IC 107
IC 102
IC 103
IC 104
IC 105
IC 106
TAPE 1 MON
TUNER
PHONO
CD
AUX
TAPE 2 VIDEO
CNT 101
CNT 102
CNT 103
CNT 202
CNT 203
LOUDNESS
D301 D312 : LED SLV 56URC-RED
D313 D322 : DIODE 1N4148
VIDEO
MON
AUX
2SK117Y
2SK 332F
2SA949
2SC 2240 x2
2SC 2824
2SC 3856
2SA1184
2SC2229
2 SD 1302 x 3
MPS A05
MPSA05
MPSA55
MPS9633
1N4002
1N4148
SPEAKER RELAY
RLY 601
CNT 302L
CNT 302R
TP5
TP6
(POSISTOR)
IC102 - IC106 : NJM45605

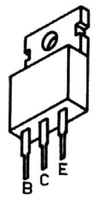


2SD1302
2SA949Y
2SA1015Y
2SC1815Y
2SC2229
2SC2240

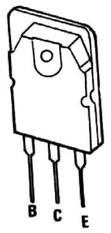
MPS9633C
MPSA05
MPSA55



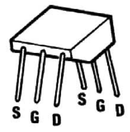

2SA1184
2SC2824



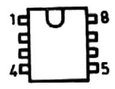

2SD880Y
2SB834Y



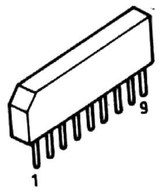

2SA1491
2SC3855




2SK332F




NJM2068DD




NJM4560S

Ruhestromeinstellung
Rest current adjustment
réglage du courant de repos

| | | |
|---|---|---|
| VR 201 | TP 5 / VR 601 L | V = 0V ± 50 mV |
| | TP 6 / VR 601 R | V = 0V ± 50 mV |

LS nicht angeschlossen
LS disconnected
HP débranchés

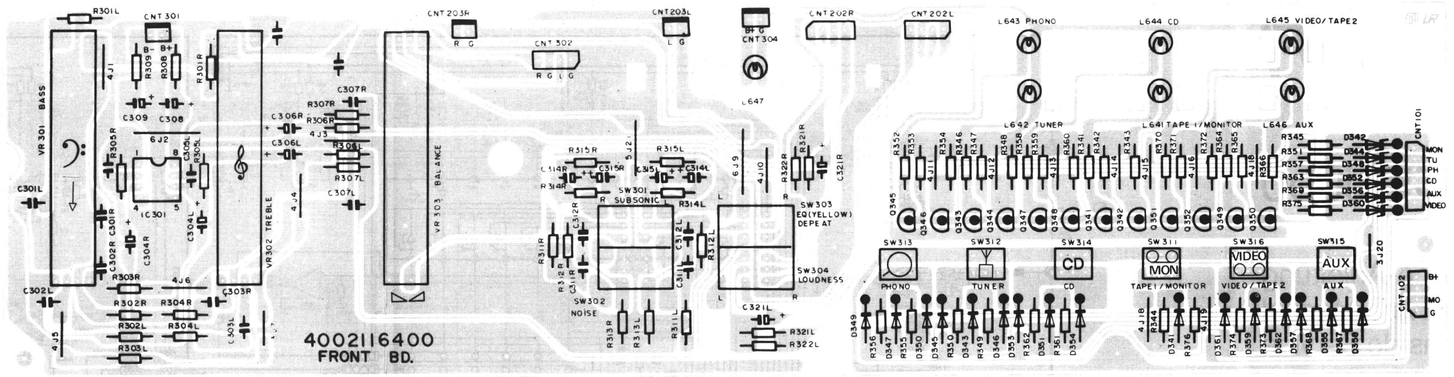
# Ersatzteile · Replacement parts · Pièces détachées · CV 6050

| Pos. | Art.-Nr. | Stck | Bezeichnung |
|---|---|---|---|
| 1 | 282 102 | 1 | Gehäuseblech |
| 2 | 282 103 | 1 | Frontblende |
| 3 | 282 104 | 1 | Seitenteil L |
| 4 | 282 105 | 1 | Seitenteil R |
| 5 | 282 106 | 1 | Drehknopf Volume |
| 6 | 282 107 | 1 | Blendenträger |
| 7 | 282 108 | 1 | Druckknopf Power |
| 8 | 282 109 | 1 | Druckfeder |
| 9 | 282 110 | 2 | Druckknopf Speakers |
| 10 | 282 111 | 3 | Schiebeknopf Klangsteller |
| 11 | 282 112 | 1 | Druckknopf Function |
| 12 | 282 113 | 4 | Druckknopf Filters |
| 13 | 282 114 | 4 | Druckfeder |
| 14 | 282 115 | 1 | Einlage-Blende (Tone Control) |
| 15 | 282 116 | 1 | Einlage-Blende (Function Indicator) |
| 16 | 282 117 | 1 | Einlage-Blende (Input Selector) |
| 17 | 282 118 | 1 | Volumeblende |
| 18 | 282 119 | 1 | Schalter 1-fach Power |
| 23 | 282 120 | 4 | Fuß |
| 24 | 282 121 | 4 | Fußdämpfer |
| 29 | 282 134 | 1 | Rückwand |
| 30 | 243 750 | 1 | Netzkabel Europa |
| 43 | 282 122 | 1 | Lautsprecherklemmen |
| 48 | 282 137 | 1 | Halter (Tone Control) |
| 52 | 282 158 | 1 | Druckknopf Subs / Loud |
| 53 | 282 129 | 7 | Lampe 24 V / 60 MA |
| 54 | 282 130 | 1 | Steller 50 K / 2 Volume |
| 58 | 282 131 | 1 | Kopfhörerbuchse |
| 59 | 282 132 | 2 | Schalter 1-fach Speakers |
| 61 | 282 133 | 4 | Cinchbuchse 4-fach |
| 62 | 282 135 | 4 | Schraube 4×8 |
| 63 | 282 136 | 14 | Schraube 3×6 |
| 65 | 282 553 | 1 | **Grundplatte** |
| C 670 | 282 069 | 1 | Elyt-Kon. 6800 UF 16 V |
| C 671 | 282 070 | 2 | Elyt-Kon. 6800 UF 63 V |
| C 672 | 282 070 | 2 | Elyt-Kon. 6800 UF 63 V |
| D 601 | 223 906 | 15 | Diode 1 N 4148 |
| D 602 | 223 906 | 15 | Diode 1 N 4148 |
| D 605 | 282 066 | 2 | Diode DZ 27 BM |
| D 607 | 223 906 | 15 | Diode 1 N 4148 |
| D 608 | 223 906 | 15 | Diode 1 N 4148 |
| D 609 | 226 501 | 12 | Diode 1 N 4002 |
| D 610 | 226 501 | 12 | Diode 1 N 4002 |
| D 611 | 282 062 | 1 | Diode DZ 9,1 BM |
| D 612 | 223 906 | 15 | Diode 1 N 4148 |
| D 614 | 223 906 | 15 | Diode 1 N 4148 |
| D 621 | 223 906 | 15 | Diode 1 N 4148 |
| D 622 | 223 906 | 15 | Diode 1 N 4148 |
| D 623 | 223 906 | 15 | Diode 1 N 4148 |
| D 624 | 282 063 | 1 | Diode DZ 12 BM |
| D 642 | 226 501 | 12 | Diode 1 N 4002 |
| D 643 | 226 501 | 12 | Diode 1 N 4002 |
| D 644 | 282 065 | 1 | Diode DZ 20 BM |
| D 645 | 226 501 | 12 | Diode 1 N 4002 |
| D 647 | 226 501 | 12 | Diode 1 N 4002 |
| D 671 | 282 061 | 4 | Diode 1 N 5402 |
| D 674 | 282 061 | 4 | Diode 1 N 5402 |
| D 681 | 226 501 | 12 | Diode 1 N 4002 |
| D 682 | 226 501 | 12 | Diode 1 N 4002 |
| D 684 | 226 501 | 12 | Diode 1 N 4002 |
| D 685 | 282 064 | 2 | Diode DZ 18 BM |
| D 686 | 282 064 | 2 | Diode DZ 18 BM |
| F 501 | 282 082 | 1 | Transformator |
| F 502 | 247 842 | 1 | Sicherung 2,5 A / 250 V T |
| F 601 | 247 843 | 2 | G-Sicherungseinsatz |
| F 602 | 247 843 | 2 | G-Sicherungseinsatz |
| F 603 | 209 705 | 2 | Sicherung 0,2 A / 250 V T |

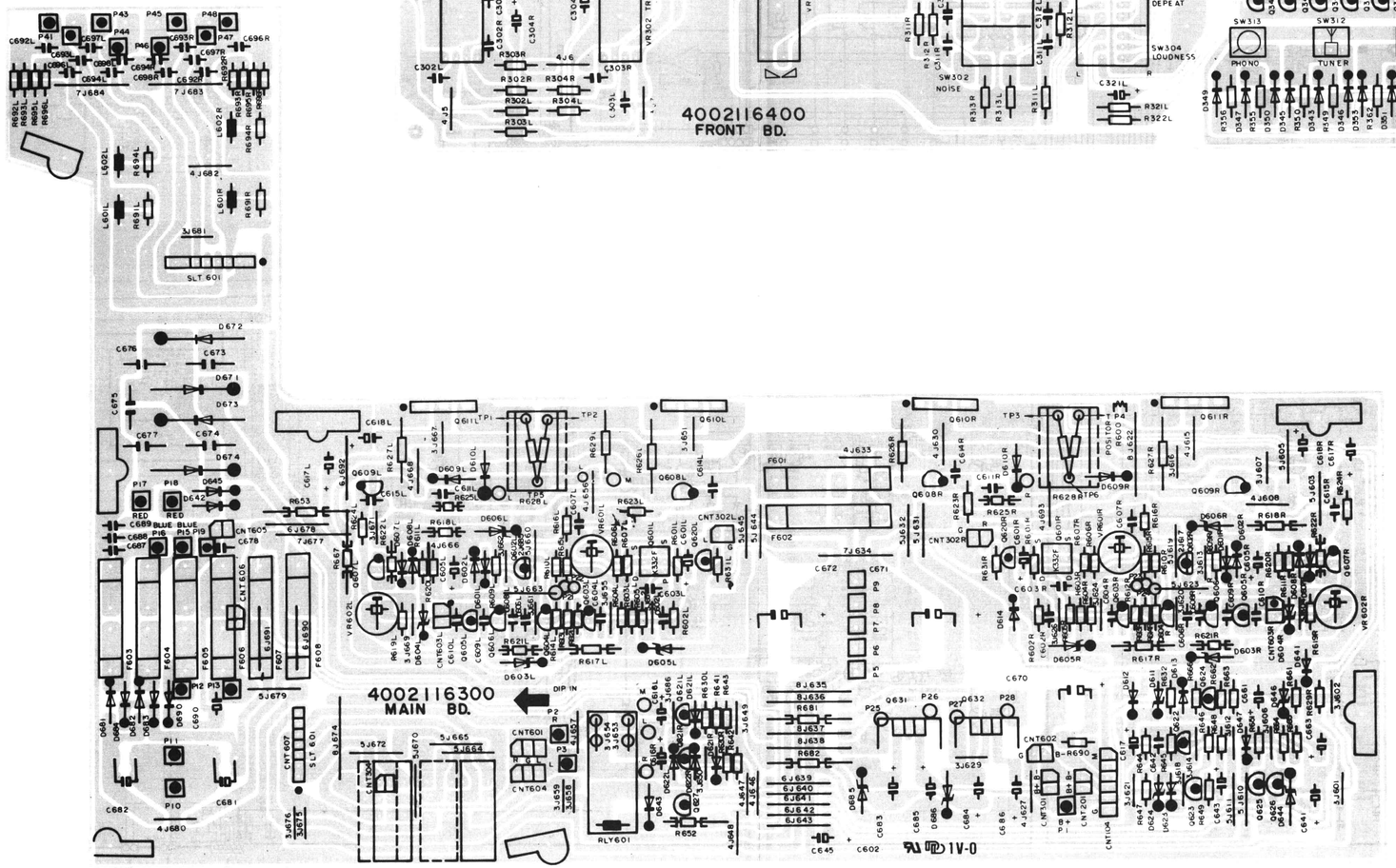
| Pos. | Art.-Nr. | Stck | Bezeichnung |
|---|---|---|---|
| F 604 | 209 705 | 2 | Sicherung 0,2 A / 250 V T |
| Q 601 | 282 051 | 2 | Transistor 2 SK 332 F |
| Q 603 | 282 052 | 4 | Transistor KTC 2240 BL |
| Q 603 | 282 059 | 8 | Transistor MPS A 05 |
| Q 605 | 272 751 | 4 | Transistor MPS 9633 C |
| Q 606 | 282 054 | 2 | Transistor KTA 949 Y |
| Q 607 | 282 053 | 2 | Transistor KTC 2229 Y |
| Q 608 | 273 259 | 2 | Transistor 2 SC 2824 Y, O |
| Q 609 | 273 255 | 2 | Transistor 2 SA 1184 Y, O |
| Q 610 | 282 056 | 2 | Transistor 2 SC 3855 |
| Q 611 | 282 055 | 2 | Transistor 2 SA 1491 |
| Q 620 | 272 751 | 4 | Transistor MPS 9633 C |
| Q 621 | 282 059 | 8 | Transistor MPS A 05 |
| Q 622 | 282 060 | 1 | Transistor MPS A 55 |
| Q 623 | 282 059 | 8 | Transistor MPS A 05 |
| Q 625 | 282 059 | 8 | Transistor MPS A 05 |
| Q 626 | 282 059 | 8 | Transistor MPS A 05 |
| Q 627 | 282 059 | 8 | Transistor MPS A 05 |
| Q 631 | 282 057 | 2 | Transistor KTD 880 Y |
| Q 632 | 282 058 | 2 | Transistor KTB 834 Y |
| R 600 | 282 068 | 1 | Kaltleiter |
| R 628 | 282 071 | 2 | Widerstand 0,27 Ω 5 W |
| Q 604 | 282 052 | 4 | Transistor KTC 2240 BL |
| RY 601 | 282 067 | 1 | Relay VB-24 MBU 510 |
| VR 601 | 282 072 | 2 | Steller 470 Ω |
| 70 | 282 554 | 1 | **Eingangsplatte** |
| D 141 | 223 906 | 1 | Diode 1 N 4148 |
| D 151 | 282 078 | 2 | Diode DZ 3,3 B |
| D 152 | 282 078 | 2 | Diode DZ 3,3 B |
| L 101 | 282 079 | 2 | Spule 50 UH |
| Q 101 | 282 075 | 2 | Transistor 2 SK 117 Y |
| Q 102 | 282 076 | 2 | Transistor KTC 1815 Y |
| Q 103 | 282 077 | 2 | Transistor KTA 1015 Y |
| Q 104 | 282 076 | 2 | Transistor KTC 1815 Y |
| Q 105 | 282 077 | 2 | Transistor KTA 1015 Y |
| IC 101 | 282 074 | 1 | IC NJM 2068 DD |
| IC 102 | 274 480 | 6 | IC NJM 4560 DX |
| IC 107 | 274 480 | 6 | IC NJM 4560 DX |
| IC 111 | 282 085 | 1 | IC LC 7818 |
| 72 | 282 555 | 1 | **Volumeplatte** |
| IC 201 | 282 074 | 1 | IC NJM 2068 DD |
| 75 | 282 556 | 1 | **Bias-Platte** |
| Q 612 | 274 774 | 6 | Transistor 2 SD 1302 T |
| Q 613 | 274 774 | 6 | Transistor 2 SD 1302 T |
| Q 614 | 274 774 | 6 | Transistor 2 SD 1302 T |
| 78 | 282 083 | 1 | **Frontplatte** |
| D 301 | 282 084 | 12 | LED SLV 56 URC |
| D 312 | 282 084 | 12 | LED SLV 56 URC |
| D 313 | 223 906 | 10 | Diode 1 N 4148 |
| D 322 | 223 906 | 10 | Diode 1 N 4148 |
| IC 301 | 282 074 | 1 | IC NJM 2068 DD |
| SW 301 | 282 125 | 4 | Schalter (Subsonic) |
| SW 302 | 282 125 | 4 | Schalter (High) |
| SW 303 | 282 126 | 4 | Schalter (DEFEAT) |
| SW 304 | 282 125 | 4 | Schalter (Loudness) |
| SW 311 | 282 127 | 6 | Taster Input Selector |
| bis | | | |
| SW 316 | 282 127 | 6 | Taster Input Selector |
| VR 301 | 282 123 | 2 | Steller 100 k (Baß) |
| VR 302 | 282 123 | 2 | Steller 100 k (Treble) |
| VR 303 | 282 124 | 1 | Steller 100 k (Balance) |
| 9000 | 281 429 | 1 | Bedienungs-Anleitung CV 6050 |
| 9001 | 282 529 | 1 | Verpackung |

Änderungen vorbehalten! Subject to change! Sous réserve de modification!

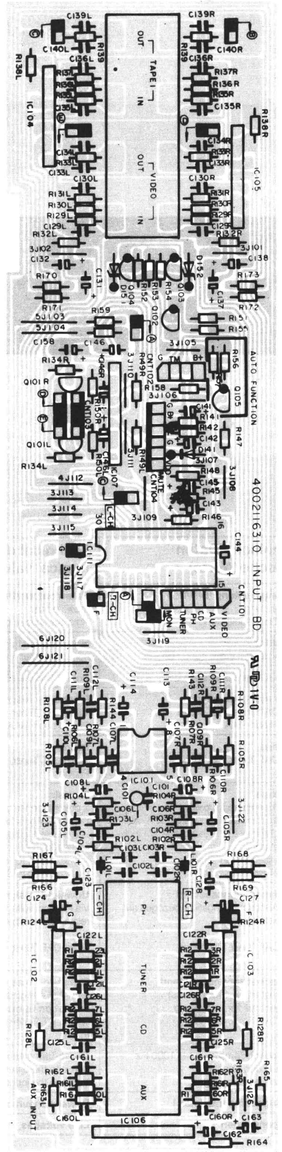
Frontplatte
P.C.B. Controls
Platine commandes



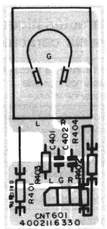

Grundplatte
Main P.C.B.
Platine principale

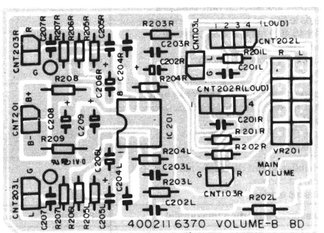



Eingangsplatte
P.C.B. sockets
Platine prises




Kopfhörerbuchsenplatte
P.C.B. headphone-jack
Platine prise-casque




Volumeplatte
P.C.B. Volume
Platine volume