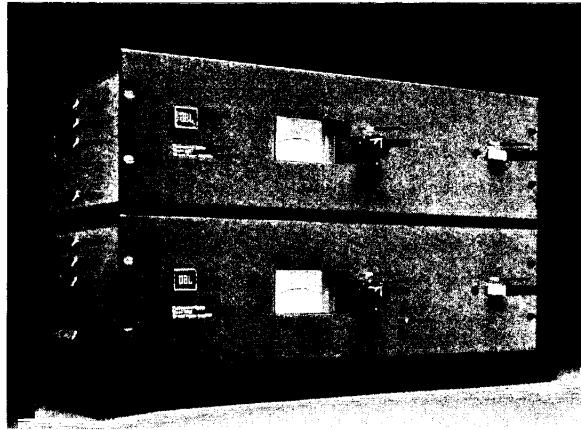


JBL 6007/6008 INSTALLATION AND SERVICE MANUAL



Owners Instructions

Architectural Specifications

The amplifier shall be single channel with an input gain control and an output level meter on the front panel. The amplifier shall accommodate an unbalanced high impedance input, or a balanced low impedance input with an optional plug-in accessory transformer.

The amplifier shall be capable of delivering a minimum of 60 W, continuous sine wave, 20 Hz-20 kHz, into a 4 Ω load. (6007: The amplifier shall incorporate an output transformer allowing full power operation, 35 Hz-20 kHz, into an 8 Ω, 16 Ω or 70.7 V line as well as a direct output terminal for a 4 Ω load.) (6008: No output transformer and only a direct output terminal shall be provided, but it shall be possible to install an output transformer easily at any time.)

The amplifier shall have < 0.2% THD, 20 Hz-20 kHz, @ 60 W, direct output. (6007: The amplifier shall have < 0.2% THD, 35 Hz-20 kHz, @ 60 W, transformer output.) Frequency response shall be ± 0.5 dB, 20 Hz-20 kHz, @ 1 W. Power bandwidth shall be 10 Hz-40 kHz.

Construction of the amplifier shall be modular. The entire amplifier circuit, except for the power supply (6007: and output transformer) shall be mounted on a single circuit board attached to the heat sink, which assembly shall be removable from the unit with the mainframe still mounted in a rack. Cables connecting the circuit board to the mainframe shall be of a length sufficient to allow removal of the board without disconnection and shall disconnect easily at two plugs. The amplifier shall occupy three standard EIA rack spaces and shall operate on 120/240 V AC, 50/60 Hz.

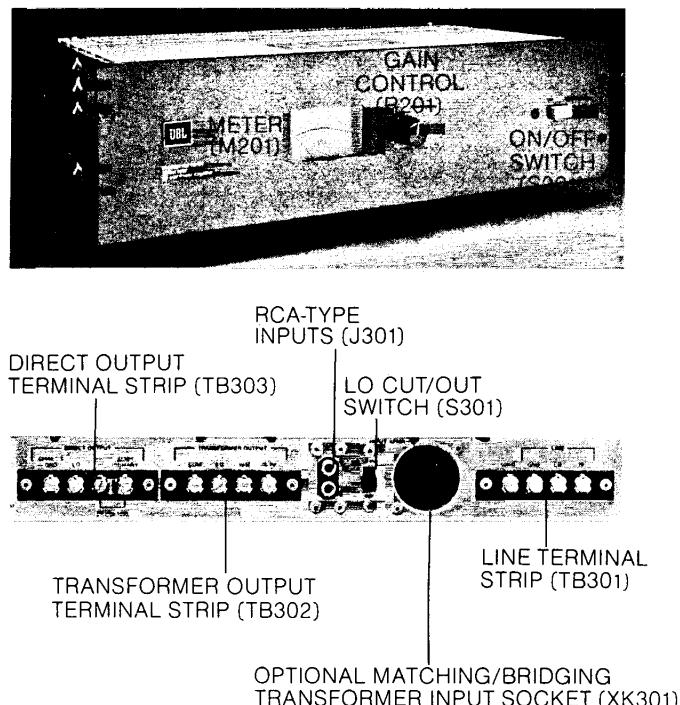


FIGURE 1

Product Specifications

| Model | 6008 | 6007 |
|------------------------------------|---|---------------------|
| Power Output ¹ | | |
| Direct | 60 W | 60 W |
| Transformer | Optional | 60 W |
| Power Bandwidth | | |
| Direct – Full | 20 Hz - 20 kHz, ± 0.5 dB | |
| – $\frac{1}{3}$ | 10 Hz - 40 kHz, ± 0.5 dB | |
| Transformer – Full | 35 Hz - 20 kHz, ± 1 dB | |
| THD ² | | |
| Direct | | < 0.2% |
| Transformer | | |
| IM ³ | | |
| Full, 10 W, 0.15 W | < 0.2% | |
| Load Impedance | | |
| Direct | 4 Ω | 4 Ω |
| Transformer (taps) | | 8 Ω 16 Ω 83 Ω |
| Output Regulation | | |
| Direct | | Better than 15% |
| Transformer | | |
| Power Gain | 72 dB | |
| Input Sensitivity | | |
| Unbalanced (50 kΩ) | 0.4 V | |
| Balanced ⁴ | 0.27 V | |
| Balanced ^{5, 6} | 0.07 V | |
| Signal-to-Noise Ratio ⁷ | 90 dB | |
| Low-Cut Filter | 6 dB/octave below 250 Hz, switchable | |
| Power Requirements | 120/240 V AC, 50/60 Hz | |
| Power Consumption | | |
| Quiescent | 20 W | |
| $\frac{1}{3}$ Power | 105 W | |
| Full Power | 165 W | |
| Fuse | 2 A, 3 AG (120 V) 1 A, 3 AB (240 V) | |
| Maximum Ambient Temp. | 60°C (140°F) | |
| Mounting EIA STD Spaces | 3 | |
| Dimensions | | |
| Front Panel | 483 x 133 mm (19 x 5½ in) | |
| Depth of Controls | 19 mm (¾ in) | |
| Depth Behind Panel | 325 mm (12½ in) | |
| Net Weight | 10.3 kg (22½ lb) | 12.7 kg (28.0 lb) |
| Shipping Weight | 13.5 kg (29½ lb) | 15.8 kg (34½ lb) |
| Accessories | JBL 5195 Matching/Bridging Transformer JBL 60-6008 Output Transformer Assembly | |

- NOTES: 1. Continuous sine wave.
 2. Total harmonic distortion at rated output.
 3. SMPTE standard.
 4. 600 Ω or 15 kΩ with 5195 Matching/Bridging Transformer.
 5. 600 Ω, 14 dB step-up configuration.
 6. Requires internal modification.
 7. Requires 20 kHz equivalent bandwidth filter.

Installation

The 6007/6008 is suitable either for rack mounting in three EIA rack spaces without additional bracing or ventilation, or for counter-top placement. A full set of mounting hardware is packed with each unit. All external connections and matching/bridging transformer option are made on the rear panel, Figure 1.

Operating Temperature

Because the 6007/6008 is cooled by convection, adequate clearance on the top of the unit must be provided to allow heat dissipation. The minimum recommended clearance when stacking the unit is one EIA standard panel space.

A thermal switch in these units provides thermal protection by shutting down the amplifier if the internal temperature exceeds a safe operating level. The maximum allowable ambient temperature for the amplifier is 60°C (140°F).

Operating Controls

All operating switches, meter and level control are located on either the front panel or the rear panel, Figure 1. Control, meter and switch functions are given in Table 1.

Input Connections

Input connections to the amplifier may be either direct-coupled or transformer-isolated at the LINE terminal strip, TB301, or the RCA-type phono jacks, J301, Figure 1. Direct-coupling is accomplished by connecting the center conductor of a shielded cable to LO and the shield lead to GND, or to either RCA-type

phono jack. Table 2 lists the terminals and the RCA-type phono jacks and applications of the LINE terminal strip. For transformer-isolated input, a 5195 matching/bridging transformer (Figure 2) must be plugged into the 9-pin receptacle, XK301, Figure 1. The input leads are connected to terminals HI, LO and GND of the LINE terminal strip.

Output Connections

Table 3 shows the output configurations available.

TABLE 1

| | |
|---------------------|---|
| Gain | Controls input of amplifier. Control is wired ahead of the active circuitry and can be used as an input pad to prevent overloading and clipping of the non-inverting operational amplifier stage. NOTE: When the JBL 5195 matching/bridging transformer is used, the gain control is across the output of the transformer and therefore cannot be used to prevent input transformer saturation if excess input levels occur. |
| Power Switch | Applies primary power to amplifier. |
| Meter | Provides approximation of the output level, with +3 indicating that the amplifier is delivering its rated continuous sine wave power into 4 Ω. |
| Low cut/out | Offers the user a response roll-off of 6 dB per octave below 250 Hz. |

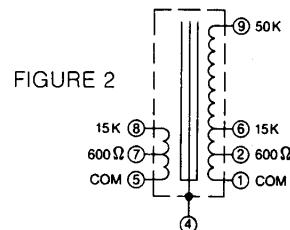


FIGURE 2

TABLE 2/TABLE 3

| Terminals | RCA-Type Phono Jacks | Function | Application | Terminating Resistor | Special Instructions |
|-----------------|----------------------|----------------------|---|--|---|
| 50 kΩ GND | | Direct Coupled | For unbalanced high impedance (50 kΩ) sources | —none— | |
| "A" or "B" | | | | —none— | |
| HI LO GND | | Transformer isolated | Balanced high impedance (15 kΩ) source up to level of +15 dBm (with 5195 matching/bridging transformer) | —none— | |
| | | | Balanced 600 Ω source up to level of +15 dBm (with 5195 transformer) | 620 Ω, ½ W, connected to terminals "HI" and "LO" | |
| | | | Balanced 600 Ω source with up to level of 4 dBm with 14 dB additional gain. | —none— | Internal modification requiring service technician. |

| Terminals (TB301) | Terminals (TB302) | Impedance | Direct Out | Transformer Out | Link |
|-------------------|-------------------|---------------|------------|-----------------|------------------------|
| LO, Chassis GND | | 4 Ω (20 V) | Yes | | None |
| | 8 Ω, COM | 8 Ω (28.28 V) | | Yes | "HI" to "XFMR Primary" |
| | 16 Ω, COM | 16 Ω (40 V) | | Yes | "HI" to "XFMR Primary" |
| | 70.7 V, COM | 50 Ω | | Yes | "HI" to "XFMR Primary" |

Service and Maintenance Instructions

The following procedures are designed to assist in the isolation of malfunctions. The operations described should be undertaken only after an investigation of all external connections and adjustments has indicated, beyond reasonable doubt, that the problem is actually within the amplifier.

WARNING

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WARNING: Disconnect the amplifier from the power source before performing service operations or replacing components.

Voltage Conversion

Either amplifier can be operated from either a 120 V AC or 240 V AC, 50/60 Hz source. The line voltage selector terminal strip, TB401, Figure 3, changes the primary connections of the power transformer. Use the following procedure to change the voltage range:

1. Remove the 10 screws which hold the top cover to the chassis.
2. To convert from 120 V AC to 240 V AC, remove the two terminal strip jumpers, Figure 4a. Install one jumper only per Figure 4b.
3. Change the line cord and/or attachment plug to match the supply source receptacle, or use a 120 V to 240 V AC adapter (not provided). The adapter as well as the power supply cord and/or attachment plug used for the 240 V AC mode in the U.S., Canada and Japan shall be both UL Listed and CSA Certified for use with said power source receptacle and wired per Table 4. For use in other countries, adapter, line cord and/or attachment plug selection shall be based on local regulations governing 240 V AC, 50/60 Hz supply sources.
4. Change the line fuse from a 2A, 3AG type to a 1A, 3AB.

FIGURE 3

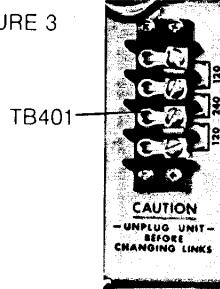


FIGURE 4A

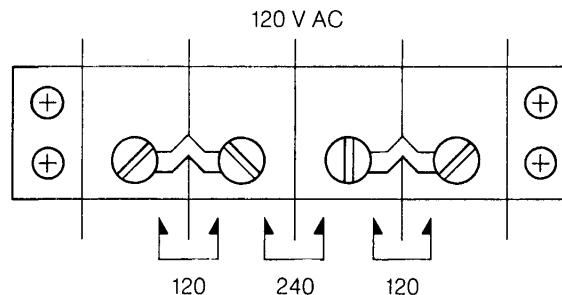


FIGURE 4B

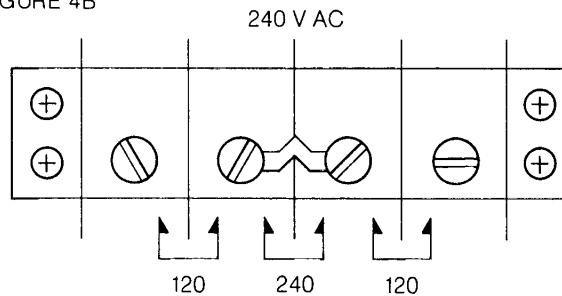


TABLE 4

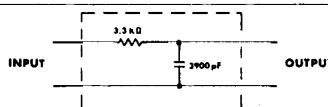
| Country | Wire Color Code | Line Cord Connections | | |
|------------------------|-----------------|------------------------|-------------------------------|-----------------------|
| | | Terminal Strip (TB401) | Fuse Holder (Center Terminal) | Ground Lug (Figure 3) |
| U.S., Canada and Japan | Black | — | Attached | — |
| | White | Attached | — | — |
| | Green | — | — | Attached |
| Europe | Blue | — | Attached | — |
| | Brown | Attached | — | — |
| | Green/Yellow | — | — | Attached |

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| Instrument Type | Required Characteristic | Recommended Instrument |
|--------------------------|---|----------------------------------|
| Test Oscillator | Frequency Range: 20 Hz - 20 kHz Distortion: <0.001% Output: 1 V RMS Min. | Sound Technology Model 1700 A |
| Distortion Analyzer | Measurable to 0.002% | Sound Technology Model 1700 A |
| Multimeter | Accuracy: 0.1% reading + 1 digit DC Range: ± 199.9 mV to ± 1199 V Resistance: $\pm 0.2\%$ of reading + 1 digit Input Impedance: $10 M\Omega$ | Fluke Model 8000A |
| Output Load Resistors | 100 W, 4Ω and 8Ω Non-Inductive Type, 1% | Dale NH-100 |
| Resistor Decade Box | 1Ω - $1 k\Omega$ Min. | |
| Variable Autotransformer | Capable of supplying Min. of 500 W over a range of 90 - 136 V. 1. If autotransformer does not have an AC voltmeter to indicate output voltage, monitor the output with either a multimeter or AC voltmeter. 2. If autotransformer does not have a watt meter, a watt meter capable of indicating 15 - 270 W will be required. | GenRad W5MT3W |

20 kHz Equivalent Bandwidth Filter



Recommended Test Equipment

The following test procedures are required after an IC, driver transistor, bias network diode, thermistor, or output device is replaced:

Bias Adjustment

Verify that the distortion at 20 kHz, 60 W, is the same as 20 kHz at 1 W and that the stable idle power is 15 - 20 W. If not, the following procedure is required:

1. Substitute resistor R37 with a decade box.
2. Adjust the amplifier for 1 W at 20 kHz.
3. Adjust the decade for minimum distortion and substitute R37 with the closest EIA standard resistor.
4. Verify distortion at 60 W and 1 W.

NOTE: Amplifier must be warm before performing distortion measurements or adjustments.

DC Offset Adjustment

Connect the multimeter to test point #2 on the circuit board. With the meter set at the lowest DC voltage range (mV), adjust the DC NULL control, R10, for a minimum DC voltage, 0 ± 25 mV.

NOTE: Amplifier must be warm before making adjustments.

Installation of Optional Output Transformer

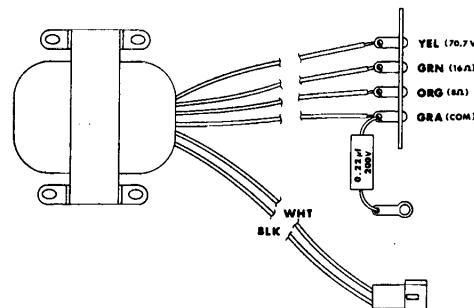
(option on 6008)

To install the optional output transformer, Figure 5, Model No. 60-6008:

1. Remove the heat sink/circuit board assembly.
2. Place the optional output transformer in the corner of the chassis and secure it at the four holes in the bottom of the chassis with the hardware provided.

3. Attach the Molex connector to the mating connector of the amplifier.
4. Remove the cover over the cutout for the TRANSFORMER OUTPUT terminal strip. Slip the new terminal strip of the output transformer through the cutout and orient it so that the GRAY wire is the COM. Screw the terminal strip in place with the screws that held the cover.

NOTE: If the output transformer is to be used, install a LINK between LO and HI of the DIRECT OUTPUT terminal strip, Figure 1.

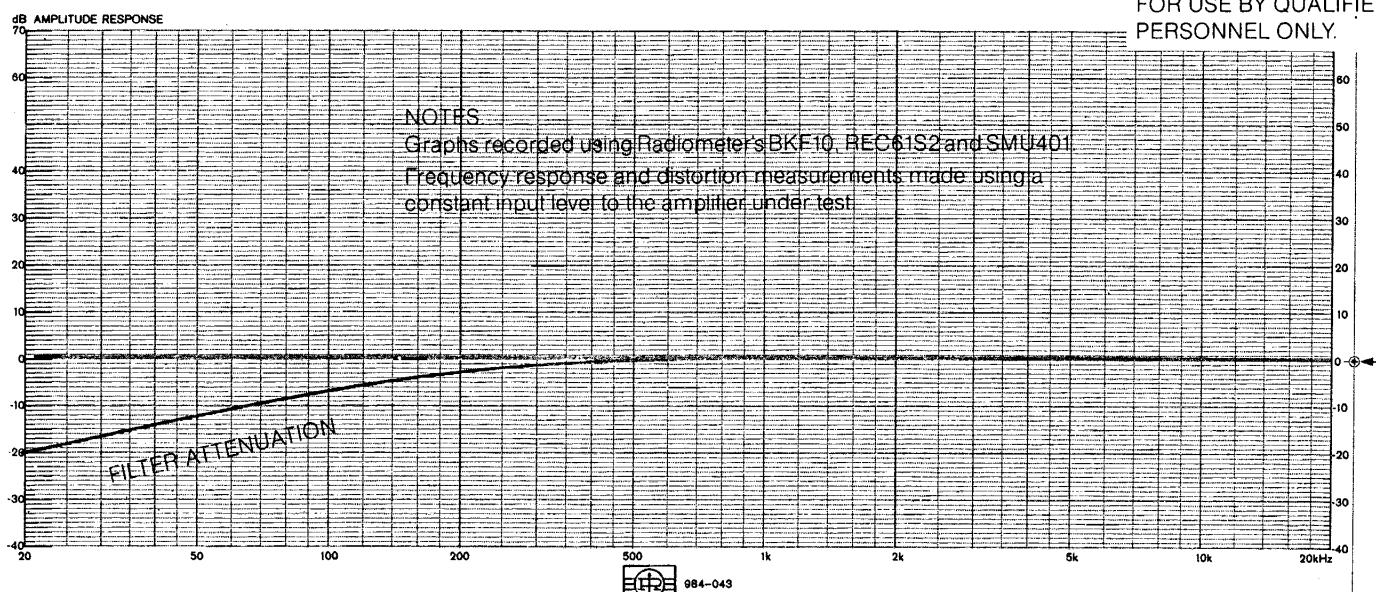


14 dB Additional Gain Conversion

14 dB of additional input sensitivity, using the optional JBL Model 5195 matching/bridging transformer, can be offered to the user by removing the RED wire connected to pin #8 of the 9-pin receptacle, XK301, and reconnecting it to pin #7.

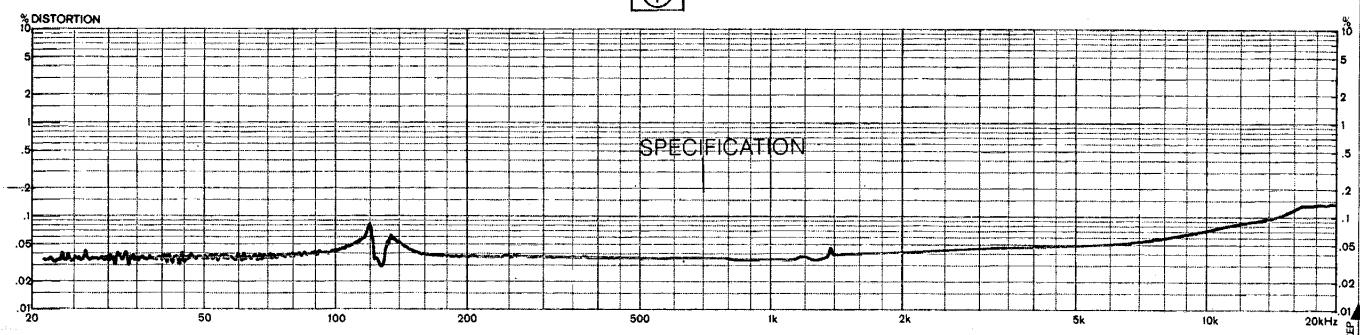
Performance plot of a typical unit

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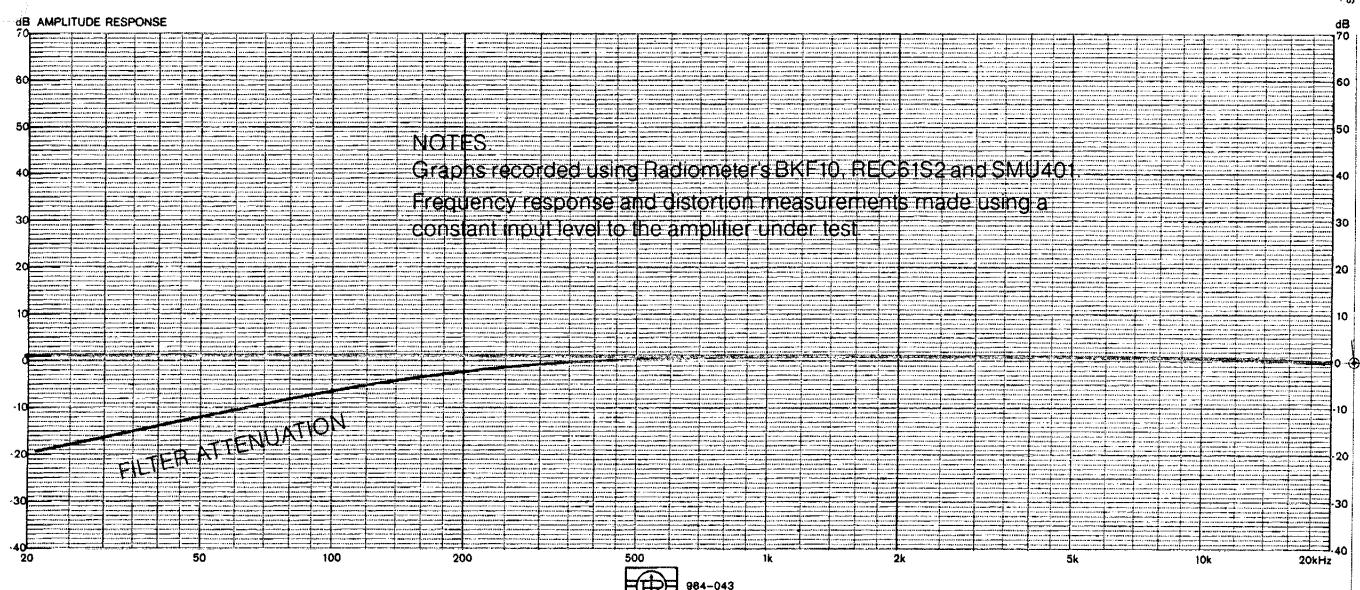
RADIOMETER
COPENHAGEN

Rec.no: Measuring object: 6007 60 Hz, 4 Ω
Date: 7/21/78 SWEEP 2sec/cm
Sign: Matstein



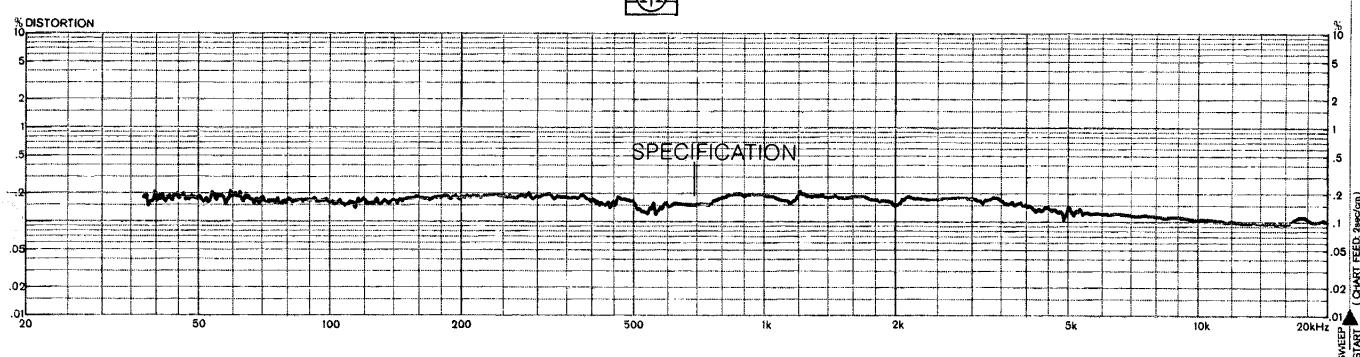
RADIOMETER
COPENHAGEN

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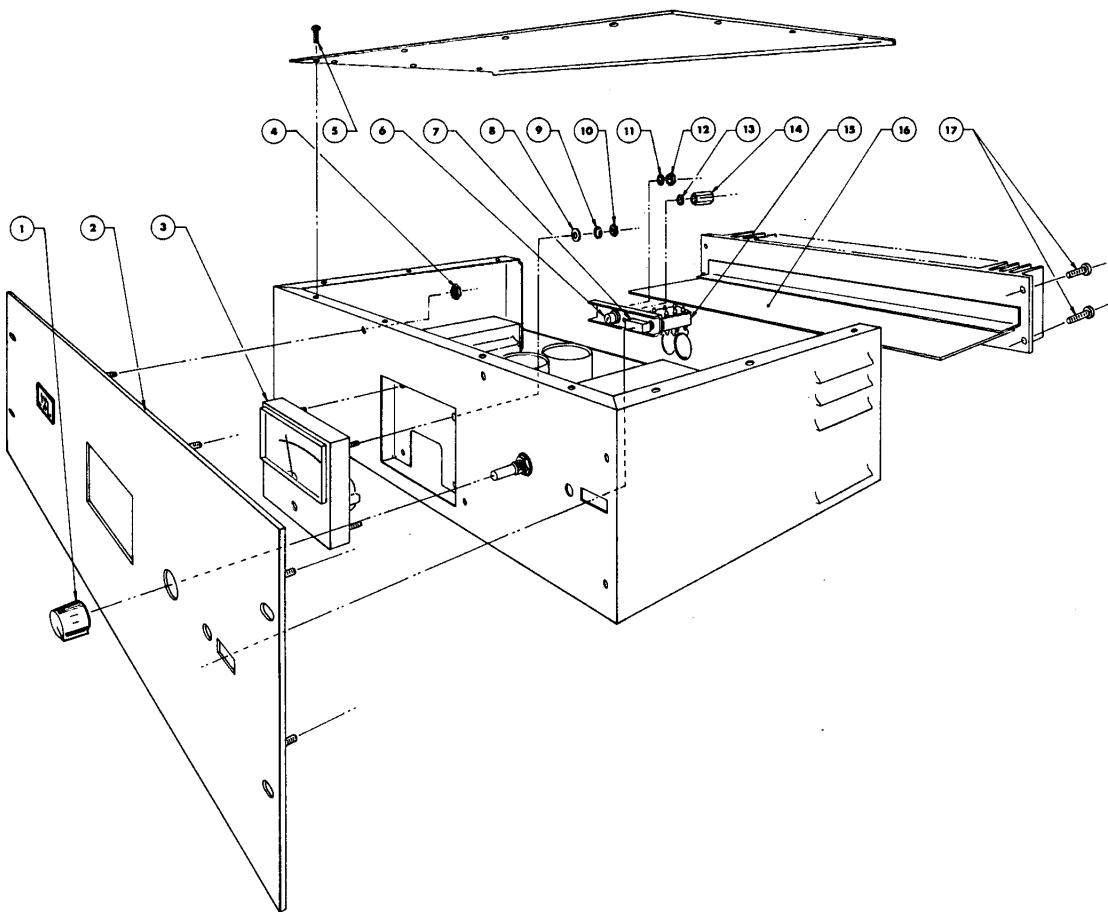
RADIOMETER
COPENHAGEN

Rec.no: Measuring object: 6007 60 Hz, 4 Ω
Date: 7/21/78 SWEEP 2sec/cm
Sign: Matstein



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| Item | JBL Part No. | Qty. | Description |
|------|--------------|------|---|
| 1 | 52886 | 1 | knob |
| 2 | 55651 | 1 | panel |
| 3 | 55098 | 1 | meter |
| 4 | 51580 | 7 | 10-32 Keps ³ |
| 5 | 10997 | 10 | 4-40 x 1/4" Phillips-head machine screw |
| 6 | 54959 | 1 | lamp |
| 7 | 54969 | 1 | knob |
| 8 | | 4 | 3 mm ¹ |
| 9 | | 4 | 3 mm ¹ |
| 10 | | 4 | 3 mm ¹ |
| 11 | | 1 | ² |
| 12 | 89508 | 1 | 10-32 Keps ² |
| 13 | 11908 | 1 | No. 6 inter-tooth washer |
| 14 | 54968 | 1 | 6-32 hex spacer |
| 15 | 55523 | 1 | switch |
| 16 | 55039 | 1 | power amplifier board |
| 17 | 55153 | 4 | 6-32 x 1/2" hex washer head screw |

*NOTES: 1. No JBL replacement for the 3 mm set.

2. Unit may have either a Keps nut, Keps nut and washer or Keps nut, split washer and flat washer.

3. Keps nut locked to panel stud with Loctite.

| Circuit Description | JBL Part No. | Description | | | |
|--|--------------|-------------|------------|--|--|
| CAPACITORS | | | | | |
| All capacitors are in μF unless otherwise noted. | | | | | |
| C1 | 47795 | 5 | 35 V | | |
| C2 | 48504 | 100 | 25 V | | |
| C3 | 56153 | 0.1 | 100 V | | |
| C4 | 56153 | 0.1 | 100 V | | |
| C5 | 47795 | 5 | 35 V | | |
| C6 | 48447 | 68 pF | 500 V Mica | | |
| C7 | 48429 | 10 pF | 500 V Mica | | |
| C8 | 47795 | 5 | 35 V | | |
| C9 | 36188 | 22/25 | 25 V | | |
| C10 | 55172 | 330 | 4 V | | |
| C11 | 55172 | 330 | 4 V | | |
| C13 | 48459 | 220 pF | 500 V Mica | | |
| C14 | 47795 | 5 | 35 V | | |
| C15 | 47795 | 5 | 35 V | | |
| C16 | 48459 | 220 pF | 500 V Mica | | |
| C17 | 55422 | 20 | 150 V | | |
| C18 | 56152 | 0.0033 | 250 V | | |
| C23 | 56152 | 0.0033 | 250 V | | |
| C24 | 48490 | 0.1 | 250 V | | |
| C25 | 48494 | 0.22 | 250 V | | |
| C26 | 48929 | 1900 pF | Mica | | |
| C31 | 53054 | 0.01 | 250 V | | |
| C32 | 53054 | 0.01 | 250 V | | |
| C33 | 53054 | 0.01 | 250 V | | |
| C34 | 53054 | 0.01 | 250 V | | |
| C35 | 48503 | 1.0 | 100 V | | |
| C36 | 48503 | 1.0 | 100 V | | |
| RESISTORS | | | | | |
| Resistors are fixed, metal-film, $\frac{1}{2} \text{ W}$, $\pm 5\%$ unless otherwise indicated. | | | | | |
| R1 | 35759 | 30 k | | | |
| R2 | 35789 | 510 k | | | |
| R3 | 10940 | 1 k | | | |
| R4 | 11464 | 10 k | | | |
| R5 | 11461 | 5.1 k | | | |
| R6 | 35693 | 51 | | | |
| R7 | 36763 | 1.2 k | 1 W carbon | | |
| R8 | 36763 | 1.2 k | 1 W carbon | | |
| R9 | 10073 | 20 k | | | |
| R10 | 57791 | 500 | Trim Pot | | |
| R11 | 10073 | 20 k | | | |
| R12 | 10074 | 4.7 k | | | |
| R13 | 83331 | 33 k | | | |
| R14 | 11464 | 10 k | | | |
| R15 | 11464 | 10 k | | | |
| R16 | 88211 | 820 | | | |
| R17 | 88211 | 820 | | | |
| R18 | 11464 | 10 k | | | |
| R19 | 35733 | 2.4 k | | | |
| R20 | 35733 | 2.4 k | | | |
| R21 | 11464 | 10 k | | | |
| R22 | 11507 | 100 | | | |
| R23 | 10078 | 1.5 k | | | |
| R24 | 11464 | 10 k | | | |
| R25 | 10074 | 4.7 k | | | |
| R26 | 10074 | 4.7 k | | | |
| R27 | 10078 | 1.5 k | | | |
| R28 | 35684 | 22 | | | |
| R29 | 35684 | 22 | | | |

| Circuit Description | JBL Part No. | Description |
|-----------------------|--------------|------------------|
| RESISTORS | | |
| R30 | 11464 | 10 k |
| R31 | 11507 | 100 |
| R32 | 11613 | 39 k |
| R33 | 10083 | 470 |
| R35 | 10083 | 470 |
| R37 | | selected |
| R38 | 35697 | 75 |
| R41 | 35697 | 75 |
| R43 | 35692 | 47 |
| R49 | 35692 | 47 |
| R50 | 35703 | 130 |
| R51 | 35703 | 130 |
| R52 | 81071 | 1 5 W ww |
| R53 | 81071 | 1 5 W ww |
| R54 | 81071 | 1 5 W ww |
| R55 | 81071 | 1 5 W ww |
| R58 | 81071 | 1 5 W ww |
| R59 | 81071 | 1 5 W ww |
| R60 | 36714 | 10 1 W carbon |
| R61 | 36714 | 10 1 W carbon |
| R62 | 36714 | 10 1 W carbon |
| R63 | 11507 | 100 |
| R64 | 10077 | 12 k |
| R65 | 10077 | 12 k |
| R66 | 10078 | 1.5 k |
| R67 | 10078 | 1.5 k |
| R68 | 10940 | 1 k |
| R69 | 10940 | 1 k |
| R70 | 55409 | 2.2 |
| R71 | 55409 | 2.2 |
| R72 | 11507 | 100 |
| R73 | 11507 | 100 |
| R74 | 11604 | 6.8 k |
| R75 | 11604 | 6.8 k |
| SEMICONDUCTORS | | |
| CR1 | 39869 | 1N4003 |
| CR2 | 39869 | 1N4003 |
| CR3 | 39869 | 1N4003 |
| CR4 | 52219 | MSD 7000 |
| CR6 | 39869 | 1N4003 |
| CR7 | 39869 | 1N4003 |
| CR10 | 39869 | 1N4003 |
| CR11 | 39869 | 1N4003 |
| CR14 | 39869 | 1N4003 |
| CR15 | 39869 | 1N4003 |
| CR401 | 56230 | Diode Bridge |
| BR1 | 47611 | Rectifier Bridge |
| Q1 | 48340 | MPSA06 |
| Q2 | 55201 | MPS 4356 |
| Q3 | 48340 | MPSA06 |
| Q4 | 55201 | MPS 4356 |
| Q5 | 48340 | MPSA06 |
| Q6 | 52210 | MJE 350 |
| Q7 | 52209 | MJE 340 |
| Q10 | 48340 | MPSA06 |
| Q11 | 55201 | MPS 4356 |
| Q12 | 57914 | 2N6045 |
| Q15 | 57913 | 2N6042 |
| Q17 | 57914 | 2N6045 |

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| Circuit Description | JBL Part No. | Description | |
|------------------------------|--------------|-------------------------------------|-----------------|
| SEMICONDUCTORS | | | |
| Q18 | 57913 | 2N6042 | |
| Q27 | 57913 | 2N6042 | |
| Q28 | 55411 | MJE 182 | |
| Q29 | 55412 | MJE 172 | |
| VR1 | 52225 | 1N4746 | |
| VR2 | 52225 | 1N4746 | |
| VR3 | 52225 | 1N4746 | |
| VR4 | 52225 | 1N4746 | |
| CHASSIS PARTS | | | |
| INDUCTOR | | | |
| L1 | 52573 | Air Core | 1.9 μ H |
| OPERATIONAL AMPLIFIER | | | |
| U1 | 52216 | LM318H | |
| THERMISTOR | | | |
| RT1 | 55408 | | |
| FUSE | | | |
| F301 | 57861 | 2A, 3AG | |
| F401 | 82974 | 7A, 3AG | SLO-BLO |
| FUSE HOLDER | | | |
| FX301 | 84126 | Fuse Holder | |
| XF401 | 37020 | Fuse Block | |
| JACK | | | |
| J301 | 84126 | Phono Jack | |
| POTENTIOMETER | | | |
| R201 | 58377 | 50 k | Audio Taper Pot |
| KNOB | | | |
| | 54969 | Knob | |
| | 52887 | Black Knob | |
| LAMP | | | |
| DS201 | 54959 | Indicator Lamp | |
| LAMP SWITCH BRACKET | | | |
| | 55022 | Lamp Switch Bracket | |
| METER | | | |
| M201 | 55098 | VU meter | |
| POWER CORD | | | |
| W401 | 82477 | | |
| CAPACITORS | | | |
| C201 | 13189 | 0.01 μ F | 1.4 kV |
| C202 | 13189 | 0.01 μ F | 1.4 kV |
| C303 | 88751 | 0.015 μ F | 250 V |
| C401 | 57862 | 7400 μ F | 50 V |
| C402 | 57862 | 7400 μ F | 50 V |
| SWITCH | | | |
| S201 | 55523 | DPDT | |
| S301 | 82307 | | |
| THERMAL BREAKER | | | |
| S302 | 55397 | 80°C | |
| TERMINALS | | | |
| TB301 | 86422 | | |
| TB303 | 86422 | | |
| TB401 | 55110 | | |
| TRANSFORMERS | | | |
| A401 | 60-6008 | output transformer assy (6007 only) | |
| T402 | 56027 | power transformer | |

atic

REFERENCE DESIGNATION CODE:
 FRONT PANEL 201 & UP.
 REAR CHASSIS 301 & UP.
 CHASSIS 401 & UP.

Q6 AND Q7 TO HAVE THE SAME BETA COLOR CODE.

Q1 AND Q2 ARE BONDED TOGETHER WITH THERMAL EPOXY.

37 SELECTED FOR STABLE IDLE POWER OF 15-20 W, 20 Ω TYPICAL.

10 IS DC OFFSET NULL CONTROL ADJUSTMENT FOR 0 ± 25 mV.

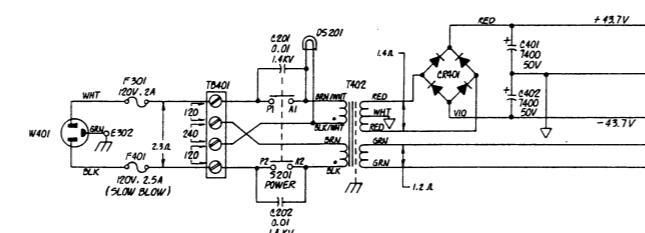
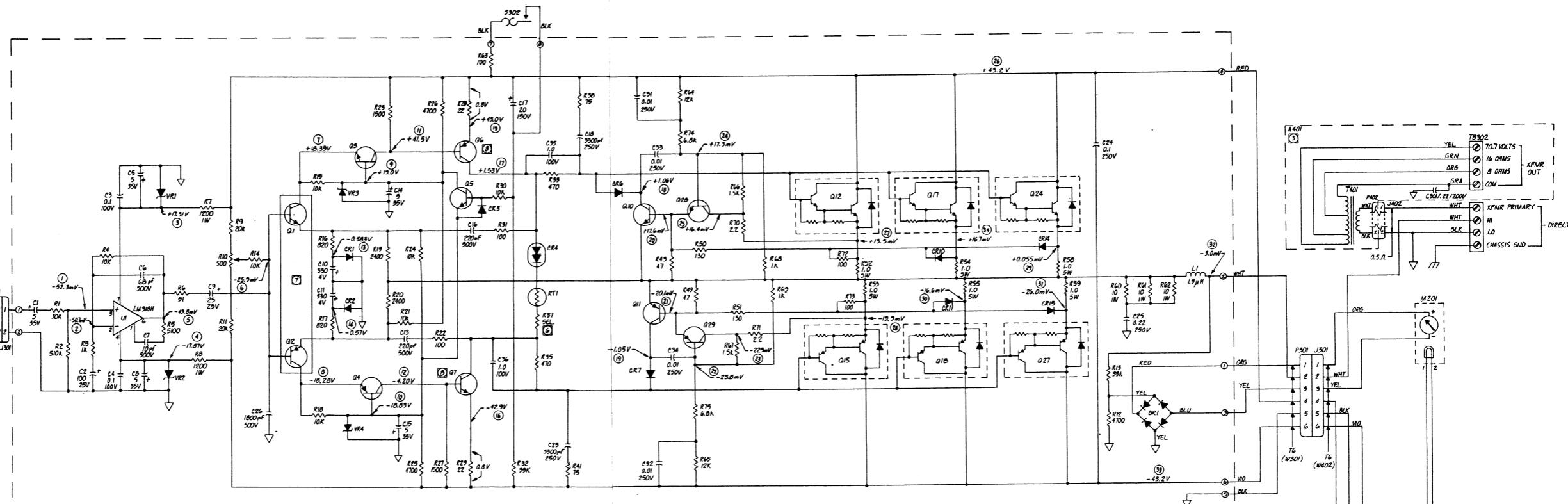
ED IN 6007 ONLY.

VALUES IN MICROFARADS.

VALUES IN OHMS.

EASURED AT 120 V AC LINE, NO SIGNAL OF TYPICAL UNIT.

OTHERWISE SPECIFIED.



Wiring Diagram

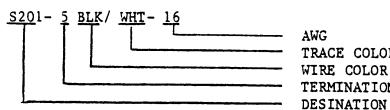
△ PART OF A401 ASSEMBLY.
 (NOT PART OF 6008)

△ WIRING TO E401 MUST BE IN ORDER AS SHOWN.

6. W201 INDICATES CABLE IDENTIFICATION NO.

5. COMPONENT IDENTIFICATION CODE: FRONT PANEL 201 & UP.
 REAR CHASSIS 301 & UP.
 CHASSIS 401 & UP.

4. WIRE IDENTIFICATION CODE:

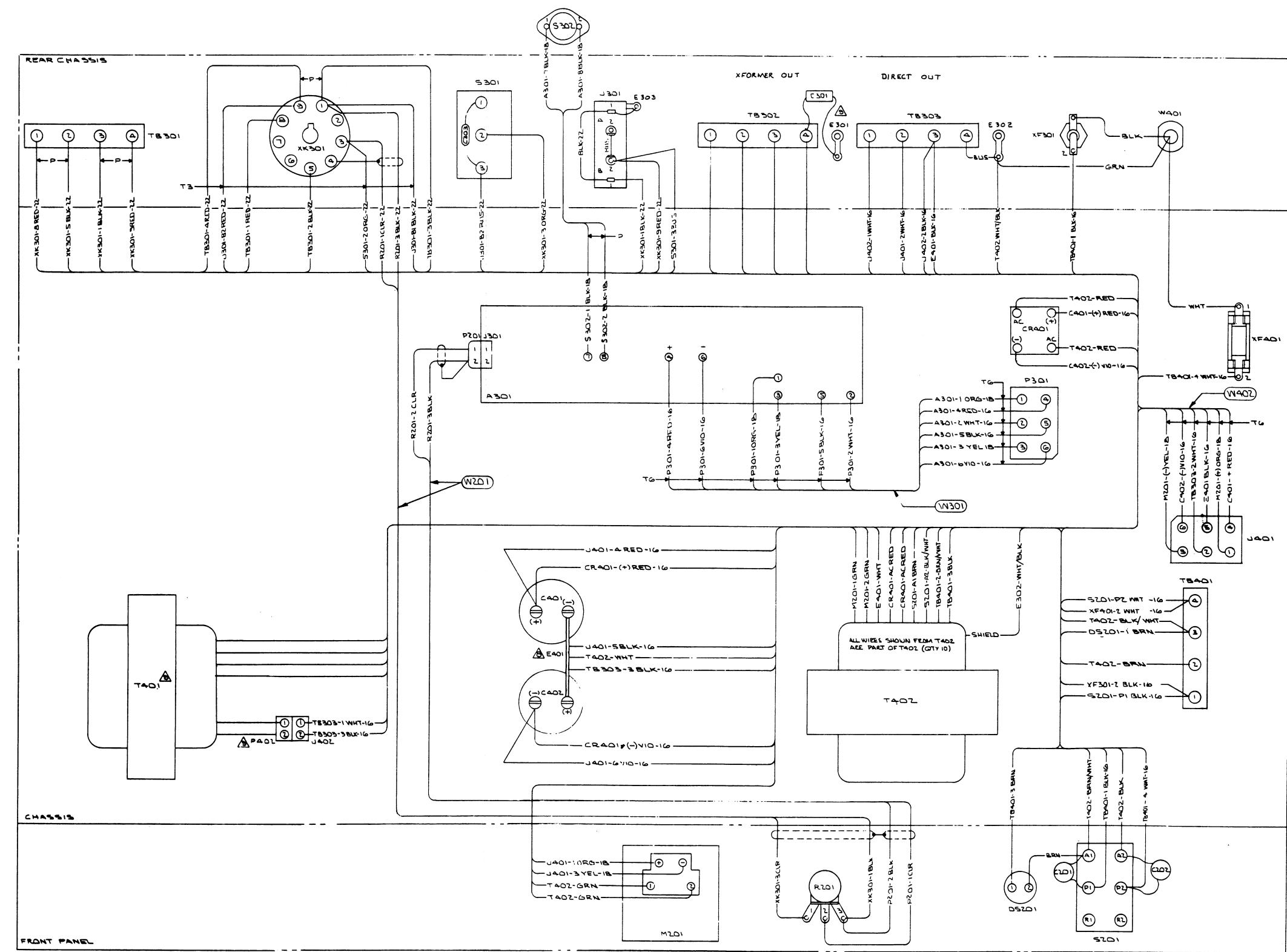


3. ALL WIRING SEEN FROM WIRING SIDE.

2. ALL BUS WIRE TO BE 18 AWG SOLID UNINSULATED.

1. ALL WIRE TO BE STRANDED.

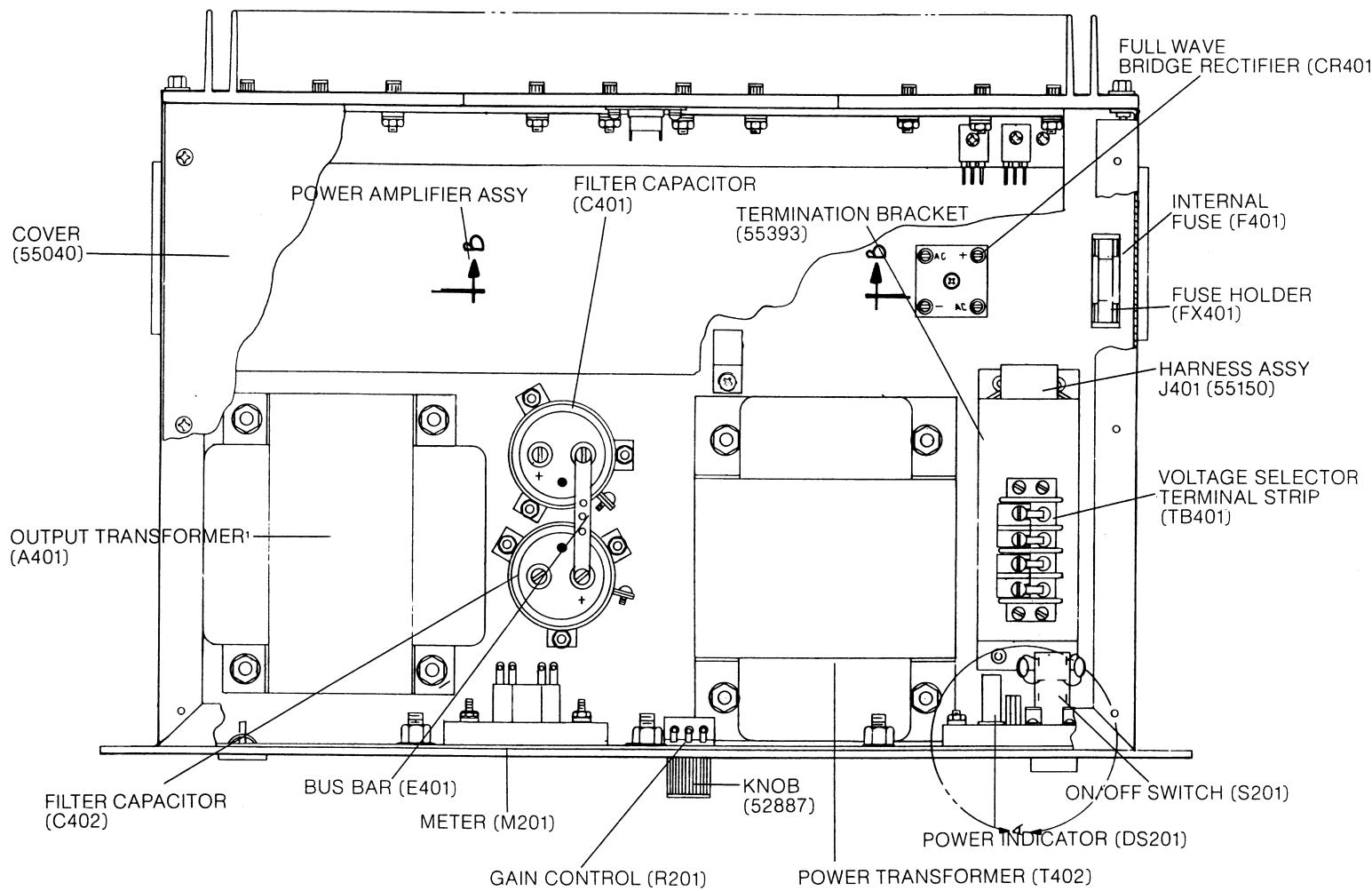
NOTES: UNLESS OTHERWISE SPECIFIED.



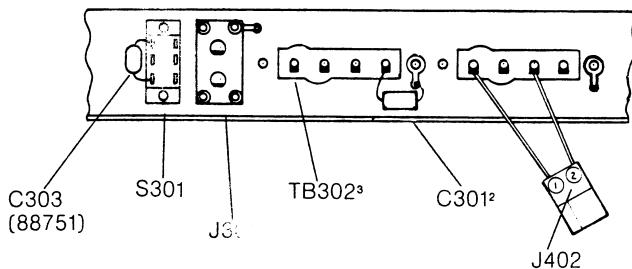
Chassis Parts Location

WARNING

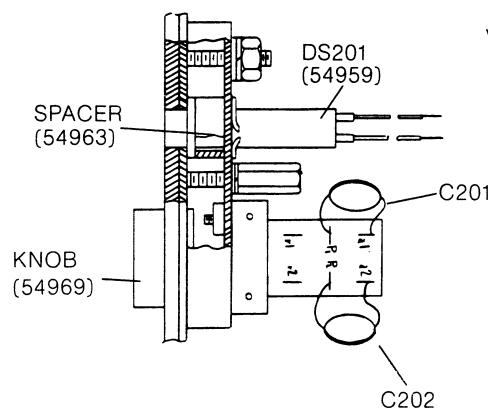
THIS SECTION OF THE MANUAL
CONTAINS SERVICE INSTRUCTIONS
FOR USE BY QUALIFIED SERVICE
PERSONNEL ONLY.



VIEW B-B



VIEW A-A



NOTES:

1. Used on 6007 only.
2. Part of output transformer assy.
3. TB302 used on 6007 only. 6008 uses cover plate 55124.

WARNING

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CONTAINS SERVICE INSTRUCTIONS
FOR USE BY QUALIFIED SERVICE
PERSONNEL ONLY.

