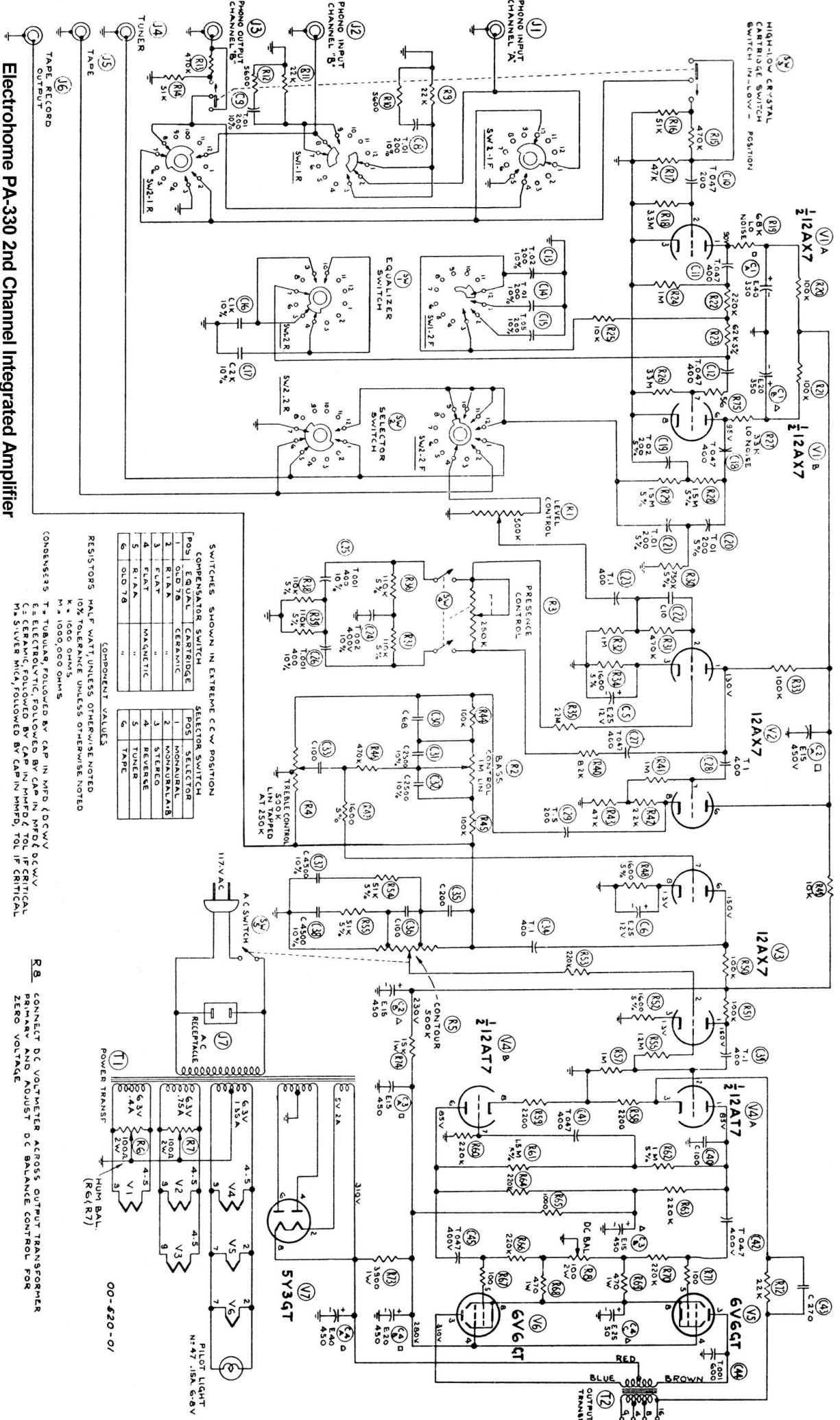
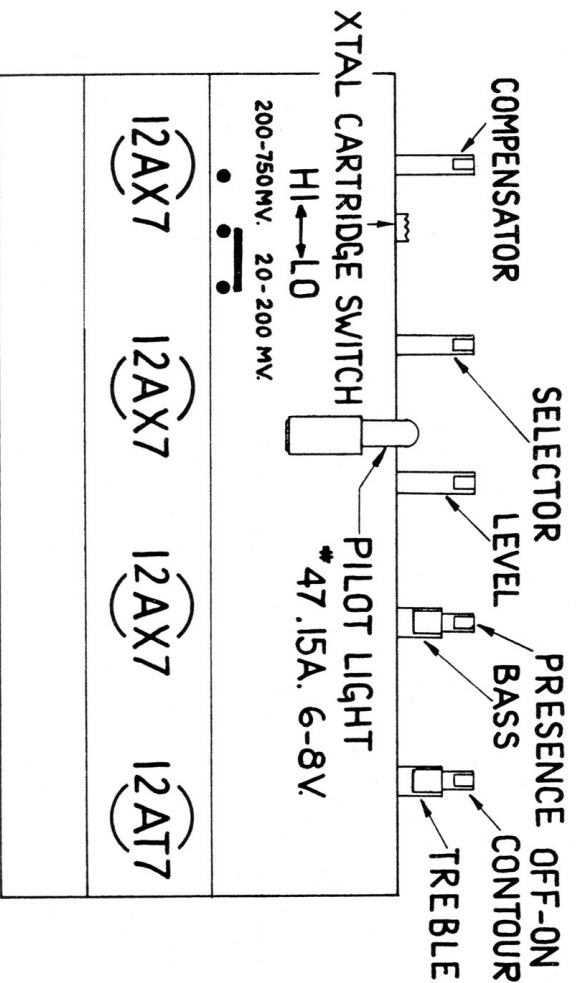


Electrohome PA-330 2nd Channel Integrated Amplifier



Hi-Fi 2nd Channel Amplifier



- Six Position Selector Switch
- Four Separate Input Jacks
- Six Position Record Compensation (3 for Ceramic, 3 for Magnetic)
- Separate Bass and Treble Tone Controls
- Separate Level and Contour Controls
- Presence Control
- Switched AC Receptacle
- Hum Balance Controls
- DC Balance Control
- High-Low Crystal Cartridge Switch
- Push-pull Output Amplifier Circuit
- 4, 8, 16 ohm. Output Impedance Taps
- 110-120 Volts A.C. Operation. Cycle as marked.
- Power — on Indicator
- Equipped for Stereo Application as a Second Channel Amplifier

Specifications as follows:

With tone controls in flat position, level and contour controls full clockwise, all measurements (nominal) taken at tuner input and 16 ohm output tap.

Frequency Response — 1 W Level ± 1 db 20 cps. to 20,000 cps.

Harmonic Distortion — Less than 1% at normal operating levels.

Intermodulation Distortion — Less than 1% at normal operating levels. (60 and 3000 cps. 4:1).

Treble Control — Designed to provide 15 db. cut or lift at 10,000 cycles.

Bass Control — Designed to provide 15 db. cut or lift at 50 cycles.

Presence Control — Designed to emphasize response from approximately 750 to 3,000 cps. 10 db lift at 1500 cycles.

Contour Control — Designed to provide 20 db. lift at 20 cycles when control is 60° removed from CCW position with reference to response at 1000 cps. and at the same time provide 8 db. lift at 10,000 cps.

Voltage Input Required for 10W Output Level 100 m.v. nominal at auxiliary inputs.

Maximum Power Output at 400 c.p.s. 15 watts.

Undistorted Power Output at 400 c.p.s. 10 watts.

Power Consumption — 65 watts.

Weight — 12 pounds.

DESCRIPTION

The PA-330 Amplifier is designed to be used as a Second Channel Amplifier in conjunction with your original monaural equipment, a changer adopted for use of a stereo cartridge and an additional speaker system, to provide a complete stereo system.

Facility is provided for use of monaural or stereo, magnetic or high or low output crystal cartridges. It also has provision for using stereo cartridges to play monaural records. Three positions of Equalization are included for ceramic and magnetic cartridges.

Input jacks are provided for tape and tuner inputs. The Tape Record Output Jack may be used to feed Hi-Fi program material from the Amplifier to a tape recording unit. Separate controls are provided for Bass Tone, Treble Tone, Contour Level and Presence.

The output Transformer is tapped for 4, 8, 16 ohms impedance to provide versatility for connection of speaker systems. The PA-330 amplifier may also be used as a compact Hi-Fidelity Amplifier to be used in conjunction with

- (1) A monaural cartridge in a changer.
- (2) An AM or AM-FM Tuner.
- (3) A tape mechanism for playback or recording. (Recorder must have its own recording amplifier)

or any combination of the three, along with a good speaker system to provide a complete Hi-Fidelity monaural system.

In order to avoid damage to components, the unit must be loaded with proper speakers or resistive load before the amplifier is operated.

On future production, the .001 mfd. 600 volt output plate by-pass (G44) will be replaced with a .001 mfd. 1,000 volt disc ceramic.

