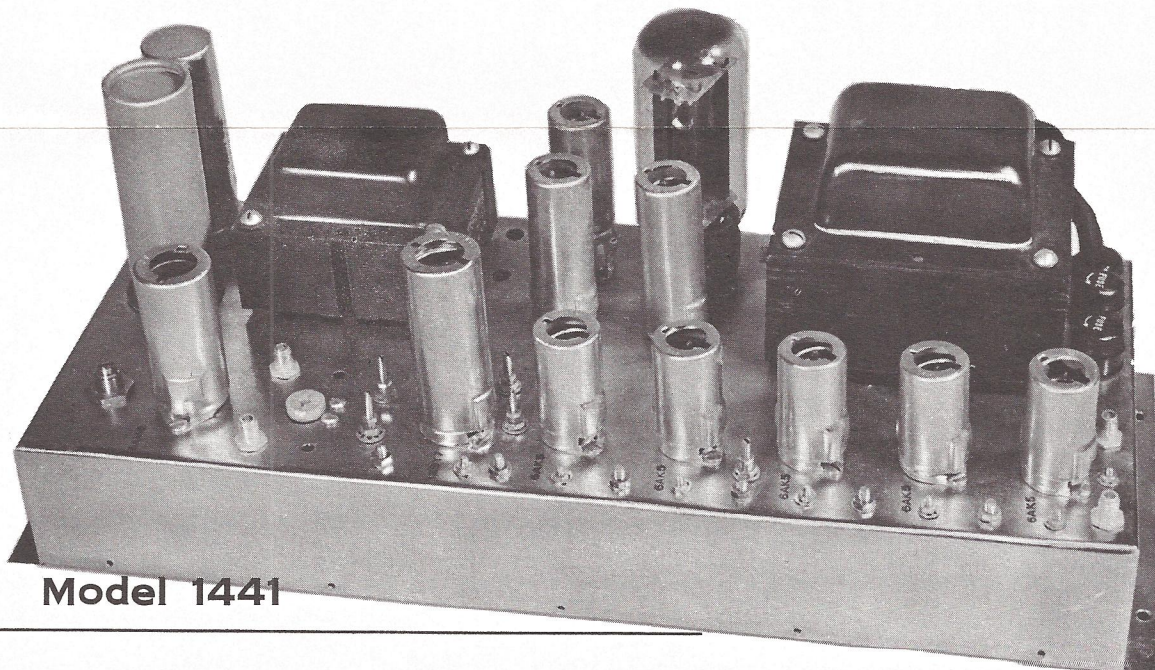


40 URBAN AVENUE, WESTBURY, NEW YORK

BROAD BAND AMPLIFIER



Model 1441

Model 1441 Broad Band Amplifier was designed for five-adjacent-channel application. An automatic overload control has been incorporated to prevent overloading the amplifier. A simplified tilt control permits equalization for cable characteristics over the entire pass band. Tuning controls are kept to a minimum with no "factory adjustments". Test points at both input and output permit monitoring without interruption of service. All tubes and components are operating at reduced ratings for longer life.

Model 1441 can be used for both Main Trunk and Branch Line applications.

COMPARE THESE ADVANTAGES

- | | |
|---|--|
| (1) 44 db mid-band gain with a factory aligned 10 db slope. | minus $\frac{1}{4}$ db over the entire pass band. |
| (2) 0.2 volts per channel for 5 channels or 2 volts composite undistorted output. | (6) Simplified tilt control for cable equalization. |
| (3) Output held $\frac{1}{2}$ db for 20 db input swing. | (7) Positive-lock tuning coils for stable, noise-free operation. |
| (4) Input and output impedance matched at 72 ohms for no reflections. | (8) Regulated power supply for stability and dependability independent of line fluctuations. |
| (5) Output level control permits full adjustment of gain while maintaining slope linearity to plus or | (9) Power consumption only 50 watts for lower monthly power bills. |
| | (10) Non-critical circuits resulting in less tube-replacement alignment. |

Quality is our Standard