

DYNAKIT

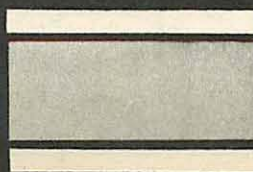
MARK II

50 WATT HIGH FIDELITY POWER AMPLIFIER KIT



THE BEST - - - - FOR LESS ONLY \$69.75 net

DYNA COMPANY



5142 MASTER STREET
PHILADELPHIA 31, PA.

the DYNAKIT MARK II

The DYNAKIT Mark II is a complete 50 watt power amplifier kit which offers the highest possible fidelity at low cost, in a compact simple arrangement. The excellent quality of the DYNAKIT is derived from a special new circuit used in conjunction with the new DYNACO A-430 output transformer (available separately, fully potted, at \$29.95 net price). The unique electronic and mechanical design of the unit permits ease of construction and assurance of complete reproducibility of the outstanding characteristics of this design.

The circuit used in the DYNAKIT is simple and highly efficient without any sacrifice of quality. The mechanical and physical arrangement allows rapid and bug-free assembly using only soldering iron, pliers, and screw driver. All necessary components, of first grade quality, are furnished for the construction of a complete power amplifier.

The specifications of the DYNAKIT speak for themselves. Unfortunately, it is no longer possible to evaluate the quality of amplifiers from the manufacturers' specifications since the basis of measurements has not been standardized nor does the measured quality always correlate with the listening quality. The

design features of the DYNAKIT which contribute to its superior listening quality do not show up in conventional specifications. For example, the DYNAKIT does not exhibit bounce and flutter when pulsed. Its recovery is instantaneous due to the wide margin of stability. The DYNAKIT has been designed to provide its specified performance on a loudspeaker load, not just on a resistive load in the laboratory. In particular, the connection of a loudspeaker does not distort the high frequency square wave performance. In addition, the DYNAKIT's power handling capabilities are maintained over the entire audio band without the sharp rise in distortion which characterizes most amplifiers at low and high frequencies.

These and similar attributes of the DYNAKIT are reflected in its listening qualities. The bass region is crisp and unmuddled in the heaviest passages. The treble reproduction is smooth and sweet, distinct and clear without stridency. The harmonic structure of the most complex musical combinations is reproduced flawlessly since phase shift in the audio spectrum is practically non-existent. This preserves the perspective and tonal depth of the original sound. We believe that the listening quality of this amplifier is unequalled by any, regardless of price, size, or degree of complexity.

SPECIFICATIONS

Power Output	50 watts <u>continuous</u>
Distortion	Intermodulation distortion less than 1% at rated power. Harmonic distortion less than 1% at any frequency 20 cps to 20 kc within 1 db of rated power.
Frequency response	Plus or minus .5 db 6 cps to 60 kc. Plus or minus .1 db 20 cps to 20 kc.
Square Wave response	20 cps to 20 kc essentially undistorted.
Sensitivity	1.5 volt rms for 50 watts out.
Damping Factor	15.
Output impedances	8 and 16 ohms.
Tubes	6CA7/EL-34 (2), 6AN8, 5U4GB. (6550's can be used in output without circuit changes).
Size	9" by 9" by 6 5/8" high.
Special features	Provision included for pre-amp power take-off and remote on-off switching.