



NOTES:

- 1) THIS IS AN UNOFFICIAL DOCUMENT, AND IS NOT MADE BY THE PRODUCER(S) OF THE HA-PRO2 HEADPHONE AMPLIFIER KIT OR BY THE ORIGINAL DESIGNER OF THE CIRCUIT. HOWEVER, THIS DRAWING WAS MADE WITH CONSIDERABLE CARE TO ASSURE BEST POSSIBLE ACCURACY. DIMENSIONS ARE ACCORDING TO CALIPER MEASUREMENTS OF THE ACTUAL CIRCUIT BOARD, AND ARE TO SCALE, ALTHOUGH VERY MINOR DIMENSIONAL DISCREPANCIES BETWEEN THIS DRAWING AND THE ACTUAL CIRCUIT BOARD ARE POSSIBLE.
- 2) THIS DRAWING, IF PRINTED FULL SIZE ON 8.5" X 11" PAPER, WILL BE EXACTLY DOUBLE THE ACTUAL SIZE OF THE CIRCUIT BOARD. IF PRINTED AT HALF SIZE, OR REDUCED FROM FULL SIZE TO HALF SIZE (50%) BY A COPIER, THE CIRCUIT BOARD DIMENSIONS, MOUNTING HOLE LOCATIONS, AND FRONT PANEL PERFORATION CENTERS (L1, J1, J2, R15) MAY BE USED AS A TEMPLATE FOR BUILDING A CASE FOR THE AMPLIFIER.
- 3) THE COMPONENT DESIGNATIONS, e.g. IC1, R8, C5, J2, ETC; ARE NOT PRINTED ON THE ACTUAL CIRCUIT BOARD AND ARE NOT ACCORDING TO THE KIT PRODUCER OR THE DESIGNER OF THE CIRCUIT OR THE CIRCUIT BOARD; THEY WERE ASSIGNED AT THE TIME THIS DRAWING WAS CREATED, AND ARE ONLY CONSISTENT WITH THE ASSOCIATED SCHEMATIC DIAGRAM.
- 4) THE KIT PRODUCER DOES NOT INCLUDE THE NECESSARY POWER TRANSFORMER OR INPUT JACKS (OR SIMILAR CONNECTORS); THOSE ARE SUGGESTED HERE AS AN AID TO THE KIT BUILDER.

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HA-PRO2 (VERSION 4 PCB)  
 STEREO HEADPHONE AMPLIFIER  
 CIRCUIT BOARD LAYOUT

INTENDED TO BE USED WITH ASSOCIATED SCHEMATIC DIAGRAM

SCALE = 2:1 (2" DRWG = 1" ACTUAL)