

## SCA-50 SPECIFICATIONS

### Rated Power Output:

25 watts continuous average power per channel into 8 ohms, 20-20,000 Hz, at less than 0.25% total harmonic distortion. Distortion decreases at lower power outputs.

### Power at Clipping, Single Channel, 1000 Hz, less than 1% distortion:

35 watts @ 8 ohms; 35 watts @ 4 ohms; 20 watts @ 16 ohms.

### Intermodulation Distortion:

Less than 0.1% at any power level up to 25 watts rms per channel into 8 ohms with any combination of test frequencies. Distortion decreases at lower outputs.

### Frequency Response:

Phono:  $\pm 1$  dB of RIAA curve @ 1 watt into 8 ohms.  
High Level: +0, -1 dB, 15 Hz to 35 kHz @ 1 watt into 8 ohms.

### Hum and Noise:

Phono: 72 dB below a 10 mv input (Ref: 1 kHz).  
High Level: 89 dB below a 0.5 v input.

### Input Sensitivity:

Phono: 1.65 mv for 25 watts output.  
High Level: 125 mv for 25 watts output.

### Phono Input Overload:

100 mv @ 1000 Hz.

### Tone Controls:

$\pm 10$  dB @ 50 Hz;  $\pm 10$  dB @ 15 kHz

### Impedances:

Magnetic Phono: 47,000 ohms.

High Level: 50,000 ohms.

Tape Output: From Phono inputs, 10,000 ohms minimum load.  
From High Level inputs, same as source.

Headphone Output: 4 ohms or greater.

### Separation:

60 dB @ 1000 Hz minimum; 40 dB @ 10,000 Hz.

### Semiconductor Complement:

17 transistors, 2 integrated circuits, 2 FET's, 24 diodes.

### Dimensions:

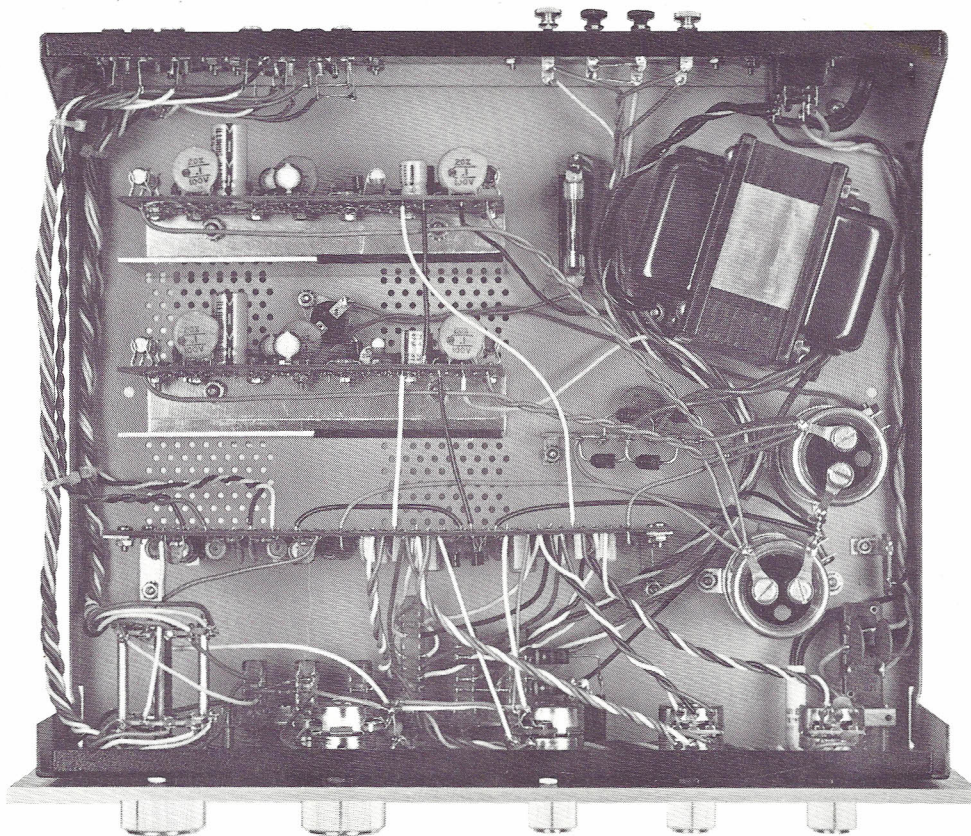
13½" w. x 12" d. x 4¼" h. (305 mm x 301 mm x 108 mm)

### Shipping Weight:

15 lbs.; 6.4 kilos.

### Power Consumption:

20 watts quiescent; 240 watts maximum; 50/60 Hz, 120 or 240 VAC.



This photo shows the unit with the cover off. Notice the clean, uncluttered layout. Even the beginning audiophile can follow Dynaco's famous step-by-step kit instructions, once the technique of soldering is learned (a short course in how to solder is included,

too). Seven wire colors and a single larger than life pictorial diagram, in color, indicate the connection and location of every component and wire, to make the SCA-50 simple, fun and easy to build.