H. H. SCOTT, INC.
111 Powder Mill Road
Maynard, Mass.

SERVICE BULLETIN
For
MODELLK-48 STEREO AMPLIFIER

SPECIFICATIONS

Maximum power output each channel at 1000 cycles:
- Music waveforms... 24 watts
- Steady state... 20 watts

Maximum total harmonic distortion at rated output:
- Steady state... 0.8%

Frequency response for 20 watts steady state at less than 1.5%
total distortion:
- 20 to 20,000 cycles *
- below 19 cycles to * above 20,000 cycles
  (limits of test equip)

Maximum usable power output at 20 cycles:
- Music waveforms... 28 watts
- Steady state... 24 watts

Power bandwidth at rated distortion (IHFM method)
- below 0.5%

Intermodulation distortion:
- NAB (NARITB) tape at 1 kc... 3.0 mv.
- RIAA equalization at 1 kc... 3.0 mv. (MAG LOW)
- RIAA equalization at 1 kc... 9.0 mv. (MAG HIGH)
- Tuner, Extra, and Playback... 0.50 volts

Hum and noise -- high level inputs:
- 80 db. below rated power
- Above 5 kc.

Hum and noise -- low level inputs:
- 10 microvolts equivalent
- 15 db. ± 2 db.
- 15 db. ± 2 db.

Scratch filter:

Treble boost and Treble cut (at 10 kc.):
- 15 db. + 2 db.

Bass boost and cut (at 50 cycles):
- 15 db. ± 2 db.

(These characteristics are measured at a line voltage of 117 volts rms and line frequency of 60 cycles per second. No significant changes of characteristics should be experienced for normal variations of line voltages or a line frequency of 50 cycles per second.)

Input impedance -- low level inputs (MAG LOW): 47 k. ohms
Input impedance -- low level inputs (MAG HIGH): 150 k. ohms
Input impedance -- high level inputs: 500 k. ohms
Minimum recommended load resistance on tape outputs: 200 k. ohms
Maximum recommended cable capacitance on tape outputs: 200 mmfds.
Range of line voltage and frequency:
- 105-125 volts, 50-60 cycles
- 170 watts

* All H. H. Scott amplifiers and preamplifiers incorporate a low frequency rolloff
  which becomes fully operative below 20 cycles. This is designed to pre-
THE FOLLOWING CONTROLS IN CONJUNCTION WITH THE ABOVE CIRCUITS ARE GAUGED WITH IDENTICAL CONTROL NUMBER:
1. INPUT SELECTOR
2. EQUALIZATION
3. SCRATCH FILTER
4. LOUDNESS - VOLUME
5. DUMBBELLS AND DUMBBELLS