

SOLID STATE AUDIO AMPLIFIER

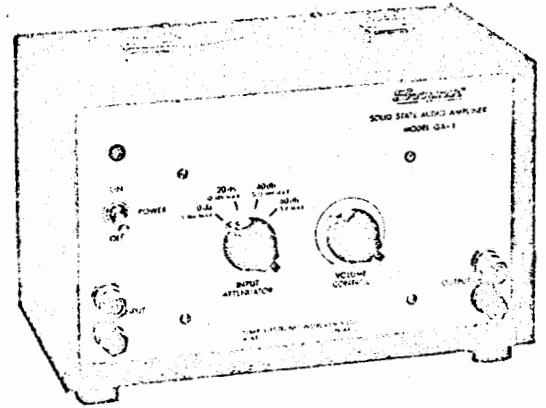
FEATURES

- All Solid State
- Wide Band Width
- Self Contained Pre-Amplifier
- High Gain, Low Noise and Distortion
- Low Output Impedance

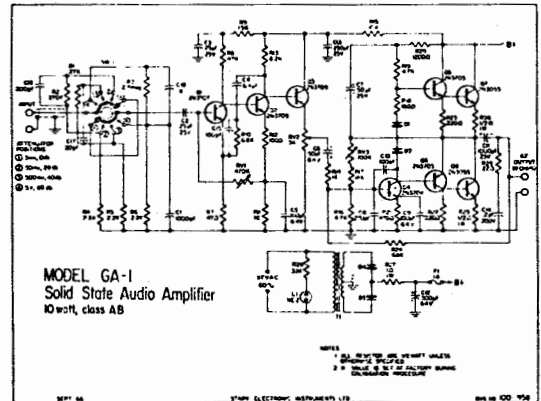
The Stark Model GA-1 is a compact, high performance, audio amplifier designed for high quality general use. It is a class AB solid state amplifier employing negative feedback to provide exceptionally good frequency response and a stable gain.

The unit is capable of handling input signals over a wide range from less than 5 millivolts rms to 5 volts rms maximum. Its low output impedance makes it suitable for driving two and three loads simultaneously. The most desirable range of load impedance is between 16 and 40 ohms, although an 8 ohm loudspeaker may be used. A 20 to 600 ohm transformer should be used to drive a 600 ohm line.

The GA-1 can be used for all purposes where it is necessary to amplify signals in the audio range. If required the preamplifier can be used separately to provide a 1 volt rms output, with a wider band width of up to 100 KHz.



Model GA-1



Specifications

POWER OUTPUT

10 watts continuous or 12 watts music power into 8 ohm load.

HUM AND NOISE

More than 50 db below rated output with input shorted.

INPUT IMPEDANCE

4 positions 0 db. 40 db.
20 db. 60 db.

POWER GAIN

Better than 48 db.

INPUT SIGNAL RANGE

Less than 5 mV rms to 5 V rms.

POWER REQUIREMENTS

115V, 50/60 Hz, 50 volt amperes

BAND WIDTH AND RESPONSE

+ 1 db, 5 Hz to 20 KHz.
+ 3 db, 5 Hz to 40 KHz.
Ref. 1 watt out and 1 KHz.

MAXIMUM OUTPUT VOLTAGE

Approximately 30V peak to peak.

SIZE

9-1/2" x 5-1/2" x 5-1/2"

TOTAL DISTORTION

Less than 1% at 1 KHz and 1 watt output.

OUTPUT IMPEDANCE

Less than 1 ohm.

WEIGHT

Approximately 10 lbs.

STARK

Model GA-1

