

S-114-A Amplifier

TYPE: Two stage, medium gain, 4 Watt power amplifier for AC or DC operation.

INPUT: 600 Ohms terminating: 600 Ohms bridging.

GAIN: 600 Ohms. 61 db.

GAIN BRIDGING: 43 db.

OUTPUT: 4 Ohms. 3 Watts 2% 400 Cycles single frequency.
4 Watts 5%.

OUTPUT NOISE: 42 db below 35 VU (7 db below .001 Watt) or better.

FUSE: Type 8 AG 1 Ampere

TUBES: 2 - 35Z3

2 - 50A5

2 - 14C7

VOLUME CONTROL: Range approximately 35 db. Operates on bridging input only. No volume control on 600 Ohm terminating input.

OPERATES FROM: 117 Volts AC or DC. 72 VA at 120 Volts.

NOTES:

1. G Terminal on terminal strip (chassis ground) should be connected to the zero input terminal - conditions permitting - to help reduce line pickup noise.
2. When operating from DC, observe polarity. Red mark on power cord plug should be the ground (minus side) or DC.
3. When operating from AC, the red mark on the plug should be on the common side of the AC socket.
4. Tube filaments are so wired that one 35Z3, 50A5, 14C7 are in series and in case of failure in one series filament circuit, the amplifier will operate on the other half of the tube line-up.
5. On AC operation some types of interference, due to electrical appliances, may be greatly reduced by the use of a 117 Volt AC line isolation transformer having an electrostatic shield. The Langevin Type 803-A Transformer, having a 75 Watt capacity, is suggested for this use.