

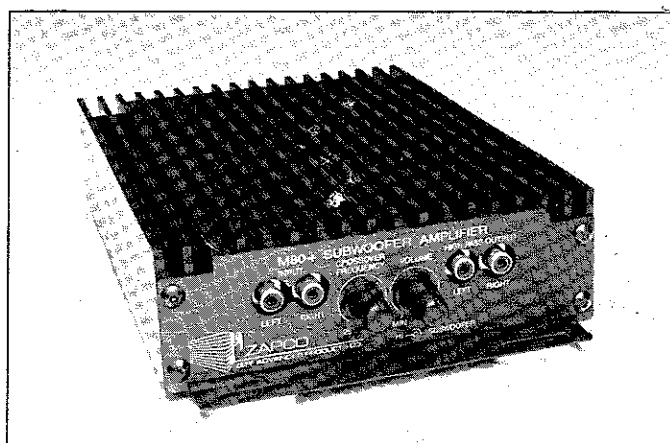
S80 Stereo Amplifier

The S80 is an 80 watt stereo amplifier with integral power supply. The amplifier features extensive protection circuitry and may be used alone or in conjunction with the M80 as an outstanding mid-power 160 watt bi-amplified system. Built for performance and durability, the S80 is guaranteed to produce 40 watts/channel with less than .03% T.H.D. (20 Hz-20kHz, both channels driven) and typically delivers 50 watts/channel at .03% T.H.D.

FEATURES

- 50 amp rated output stage.
- Balanced differential whine rejection circuitry.
- Low distortion: .03% worst case, 20Hz-20kHz.
- Unique muting circuit provides quiet turn on/off.
- Short circuit, reverse and over voltage protection.
- Symmetrical circuitry for low T.H.D. and T.I.M.
- Gold plated RCA-type (phono) input connectors to simplify equalizer or deck hook-up.
- Barrier strip speaker connectors accept use of spade lugs or bare wire.
- Power supply featuring ultra high efficiency (>90%), cool operation, and time delay turn-on.
- Low radiated E.M.I. for quiet AM/FM reception.
- Ultra low idle current, <.00005A.

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| POWER | 40 w/channel, 4 ohm load 60 w/channel, 2 ohm load 20Hz-20kHz @ 14.4 VDC |
| S/N RATIO | ≥ 105dB |
| T.H.D. | ≤ .03% [20Hz-20kHz at full power] |
| I.M.D. | .005% |
| INPUT SENSITIVITY | 200mV-2V RMS, adjustable |
| SLEW RATE | 30V/μS |
| DAMPING FACTOR | > 400 @ 20Hz-2kHz |
| POWER REQUIREMENTS | 10-16V @ .5-10 Amps |
| BANDWIDTH | 10Hz-100kHz |
| MAXIMUM OUTPUT LEVEL | 13V RMS into 4 ohm load |
| MINIMUM OUTPUT LOAD | 2 ohms |
| DIMENSIONS | 8.35"L x 6.25"W x 2.0"H |



M80+ Subwoofer Amplifier & Crossover

The M80+ is an 80 watt monaural amplifier designed to drive the sub-woofer(s) in a bi-amplified system. The amplifier includes an integral power supply and built-in variable active crossover which directs the lower band into the M80+, while the upper band is provided as an auxiliary stereo high-pass output. Both low and high pass outputs have adjustable level controls. The active crossover is continuously variable from 25 to 500 Hz.

FEATURES

- 50 amp rated output stage.
- Balanced differential noise rejection circuitry.
- Unique muting circuit provides quiet turn on/off.
- Short circuit, reverse, and overvoltage protection.
- Symmetrical circuitry for low T.H.D.
- Integral variable electronic crossover (25-500).
- Gold plated RCA-type (phono) input connectors to simplify equalizer or deck hook-up.
- Barrier strip speaker connectors accept use of spade lugs or bare wire.
- Power supply featuring ultra high efficiency (>90%), cool operation, and time delay turn-on.
- Low radiated E.M.I. for quiet AM/FM reception.
- Ultra low idle current, <.00005A.

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| POWER | 80w, 4 ohm load 20-500Hz @ 14.4 VDC |
| S/N RATIO | ≥108dB |
| T.H.D. | ≤ .03% [20-500Hz @ full power] |
| I.M.D. | .005% |
| INPUT SENSITIVITY | 200mV-2V RMS, adjustable |
| SLEW RATE | 30V/μS |
| DAMPING FACTOR | > 400 @ 20Hz-500Hz |
| POWER REQUIREMENTS | 10-16V @ .5-10 Amps |
| BANDWIDTH | 10Hz-500Hz |
| MAXIMUM OUTPUT LEVEL | 17.8V RMS into 4 ohm load |
| MINIMUM OUTPUT LOAD | 2 ohms |
| DIMENSIONS | 8.35"L x 6.25"W x 2.0"H |