

NOTES ABOUT HUM:

While the SPA500 has been designed to minimize the possibility of hum in the subwoofer system, it is still possible that a hum will occur in rare circumstances. Its safety grounding can create a path for small amounts of 60 Hz energy to travel through the line-level audio system. While not dangerous, this energy can cause difficulty with the subwoofer auto signal sensing circuit, and at the very least will interfere with the quiet enjoyment of your system. The first course of action should be trying to make sure that all of the audio components are connected to either the same electrical outlet, or at least into the same circuit branch. Next, cable TV systems are notoriously the culprit, so be sure to try disconnecting all coaxial feeds that are connected to the system. If this solves the problem, install a coaxial line isolator and reconnect the system. In the very worst case, a line-level audio isolator/transformer connected to the line-in of the subwoofer amplifier will usually solve the problem.

SPECIFICATIONS:

Rated Power Output: (0.92 % THD) 273 watts* into 8 ohms, 540 watts* into 4 ohms
**Based on one-third power duty cycle*
Signal to Noise Ratio: 98 dB A-weighted
Efficiency: 75%
Input Impedance: 12K ohms
Low Pass Adjustment: 30 Hz – 200 Hz
Phase Adjustment: 0° (NOR) or 180° (REV)

Parametric EQ:
Frequency: 18 Hz – 80 Hz
Bandwidth: 0.1 – 1 Q
Level: -14.5dB – +6dB

Dimensions: 11-15/16" W x 11-15/16" H x 5-1/4" D
Enclosure Cutout: 10" x 10"
Power Requirements: 120/230 VAC, 50 Hz/60 Hz
Stand-by Power Rating: 120V 24W; 230V 18.4W
Weight: 15.2 lbs.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified personnel. To reduce the risk of fire and shock do not expose unit to rain or moisture. The unit should be connected to an earth grounded AC electrical socket. The unit should be operated in a well ventilated area. Minimum clearance is 2 inches from the ventilation openings.



Note: Unit is set at the factory for 120V operation. Be sure to change the fuse (4A rating) before switching to 230V operation.

5-Year Limited Warranty
See daytonaudio.com for details



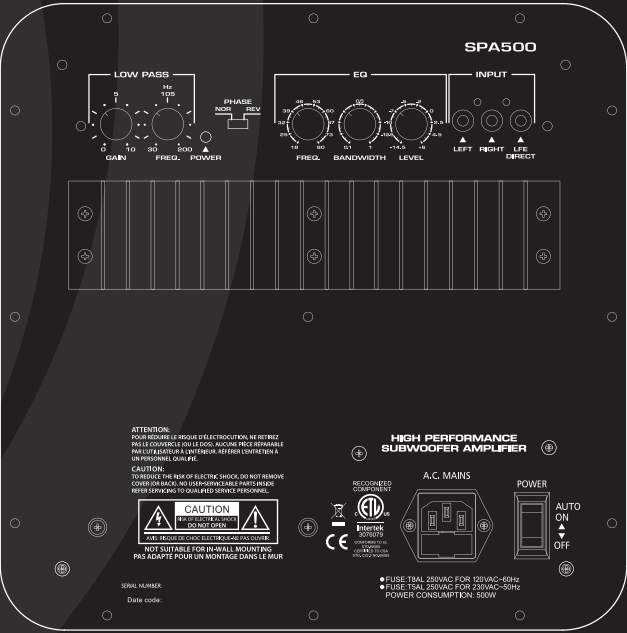
daytonaudio.com
tel + 937.743.8248
info@daytonaudio.com

705 Pleasant Valley Dr.
Springboro, OH 45066
USA



500W SUBWOOFER
PLATE AMPLIFIER

Model: SPA500 User Manual



Thank you for purchasing the Dayton Audio® SPA500 subwoofer amplifier, one of the most versatile and powerful subwoofer amplifiers available. The SPA500 has the power to drive even the most power-hungry subwoofer systems.

FEATURES:

- Patented tracking downconverter power supply for high efficiency
 - Class AB output stage for clean, controlled output
 - Low frequency parametric EQ allows you to boost or cut to custom-tailor the sound
- Advanced soft clip circuitry improves headroom and protects woofers
 - Variable low pass filter
 - Dual voltage 120/230V input

INSTALLATION:

The SPA500 is designed to provide high fidelity subwoofer amplification and is tailored for home audio, home theater, and studio environments.

It is not recommended for use in DJ, pro-sound, or other high-duty-cycle applications. The amplifier runs cool thanks to its high efficiency, but care should be taken to leave some room for air circulation above and behind the amplifier.

