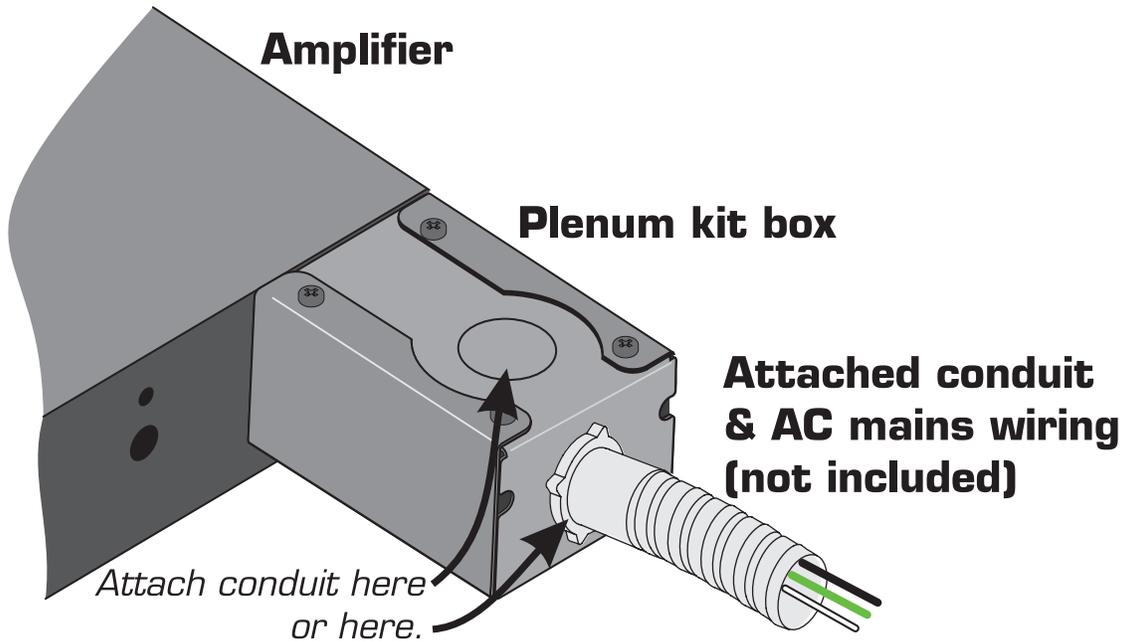




Technical Notes

Systems Amplifiers



Using the SPA Series plenum kit

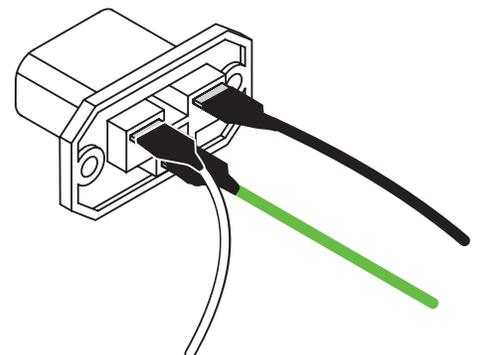
This technical note explains the reasons and methods for using the SPA Series plenum kit.

The SPA Series power amplifiers are compact ENERGY STAR-compliant units designed for convenient installation in a variety of possible locations. Some applications might need the amplifier to be mounted in an air handling space; the plenum kit is specifically for applications like this.

What is it?

The plenum kit replaces the amplifier's detachable mains power cable with a secure hard-wired connection contained in a non-flammable metal box that attaches to the amplifier chassis and securely fastens with screws. Punchout holes in the box allow electrical conduit to be attached. No electrical conductors are exposed, and the mains power cannot be accidentally pulled from the amplifier.

Replacing the standard mains power cable with its IEC connector, three wire leads included in the plenum kit slip onto the prongs of the amplifier's chassis IEC connector, as shown at right. The green wire is earth or ground; the white is neutral and black is phase or "hot." In the US and Canada these leads connect to the respective mains power wires of the



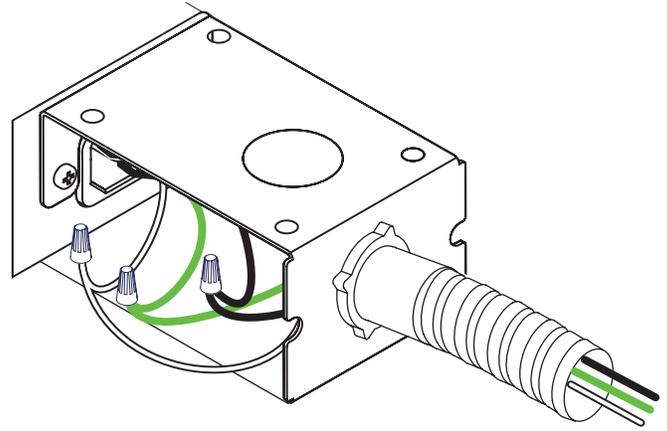
Wire leads (included in the plenum kit) attach to the prongs of the IEC connector

Continued on next page →

same colors. Elsewhere in the world, the mains power wire colors are usually green and yellow striped for ground or earth; blue for neutral; and brown or red for phase or “hot.” The wire nuts used for this are included in the plenum kit.

Consult appropriate electrical codes to make sure you connect to the correct wires.

For complete installation instructions, see QSC document TD-000501-00-X (where X is the current revision letter). This and other QSC documents are available for download on the QSC web site, www.qsc.com.



Within the box the AC mains wiring connects to the wire leads



© 2016 QSC, LLC. All rights reserved. QSC, and the QSC logo are registered trademarks in the U.S. Patent and Trademark Office and other countries.

