Feature Connector   Rev. A Aug 28, 2007

This describes the feature connector on the back of most SpeakerPower amplifiers.

The plug that fits this connector is a MOLEX 43025-0800 housing (Digikey WM1786-ND) that carries MOLEX 43030-0001 crimp on contacts (Digikey WM1837CT-ND). Use only genuine Molex parts. We recommend you use a wire assembly that connects Pin1 to Pin 1 on each end of the cable. A pin extraction tool HT-60923A (WM9937-ND) is available, but very difficult to use!
http://www.molex.com/pdm_docs/ats/011030043_ats.pdf

The pin function is as follows.
1. Ground.
2. +12VDC. Consult SpeakerPower if drawing more than 20mA.
3. -12VDC. Consult SpeakerPower if drawing more than 100mA.
4. Clip. An external LED may be attached between here and Ground for remote Clip indication.
5. Standby. Connect to ground to place the amplifier in low power consumption mode. The red "Protect" LED lights on the front panel.
6. Spare
7. Spare
8. Spare