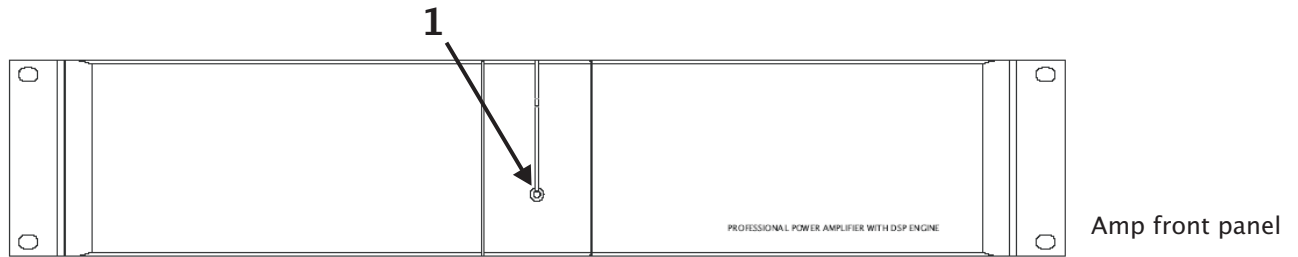
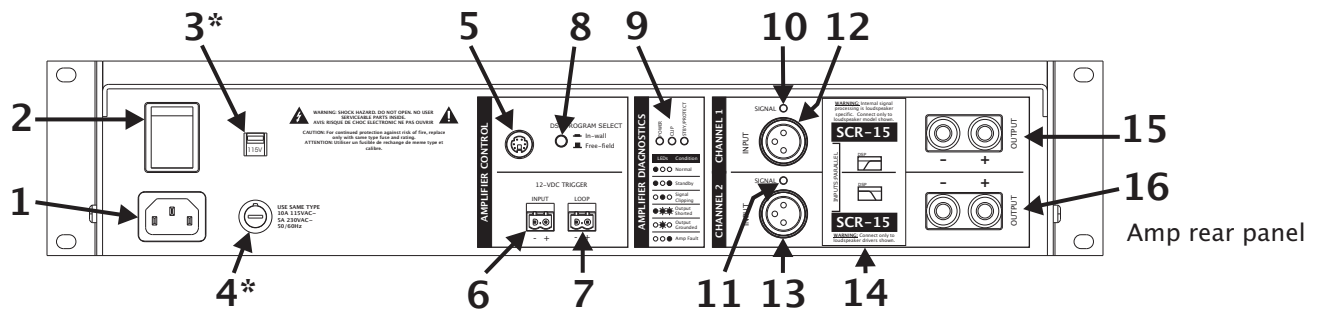


# Quick Start: Amp Hookup

All DPA Models



1.) Power-on/Operate LED



- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1.) IEC Power Cable Socket</li> <li>2.) Master Power Switch</li> <li>3.) Operation Voltage Selector (*not present on DPA-202)</li> <li>4.) Fuse Holder (*not present on DPA-202)</li> <li>5.) PHC USE ONLY!</li> <li>6.) 12VDC Trigger Input Socket</li> <li>7.) 12VDC Trigger Looping Output Socket</li> <li>8.) DSP Program Selection Switch</li> </ul> | <ul style="list-style-type: none"> <li>9.) Amp Diagnostic LED's and Legend</li> <li>10.) Input Signal Present LED - Channel 1</li> <li>11.) Input Signal Present LED - Channel 2</li> <li>12.) XLR Balanced Audio Input - Channel 1</li> <li>13.) XLR Balanced Audio Input - Channel 2</li> <li>14.) DSP Program Diagram</li> <li>15.) Output - Channel 1</li> <li>16.) Output - Channel 2</li> </ul> |
|--|---|

## WARNINGS – FIRST STEPS

Please read carefully before connecting and operating your PHC amplifier!

- **Set voltage selector switch (3)** to correct voltage for your country of operation before connecting amplifier to AC power. Factory default is 115V. (\*Models DPA-502 and DPA-1002 only; DPA-202 automatically adjusts for line voltage, 120V-240V).
- When connecting preamplifier/control-unit output to 12VDC trigger input (6), **observe correct signal polarity**. Failure to do so could damage your equipment.
- The 12VDC trigger (6, 7) input will also put the amp into **standby mode when a short is applied to the trigger input terminals**. Therefore it is not necessary to employ a DC voltage to toggle standby/operate modes; **short and open states will also achieve this behavior**.
- **DPA-202 trigger** behavior varies from that of models DPA 502 and 1002. On the DPA-202 model only, when placed into standby via 12V preamp output or shorted connection, the red “standby” LED (9) on the rear panel will not light, but the blue power LED (1) on the front panel will go off indicating the amp is in standby mode. Additionally, the DPA-202 will take a few seconds to “wake” from standby mode – this is normal behavior. The 502 and 1002 wake as soon as the trigger signal is removed from the trigger inputs and the red “standby/protect” will light (9) when in a standby condition.
- Study carefully the DSP Program Diagram (14) and **connect loudspeakers only according to this diagram**. Failure to do so could result in damage to your speakers. **Never connect amplifier to speakers other than PHC model indicated.**
- This PHC amplifier operates in bridged output mode (15, 16), therefore both positive and negative output terminals are **hot**. **NEVER connect any output terminals to ground, doing so could result in damage to your PHC amplifier.**