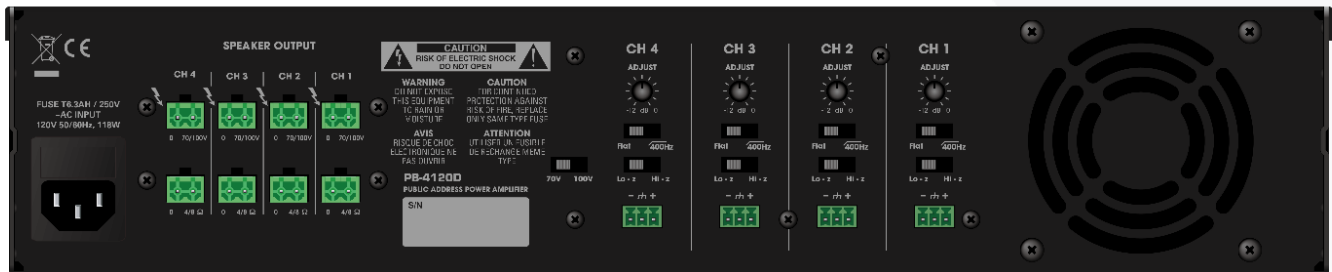
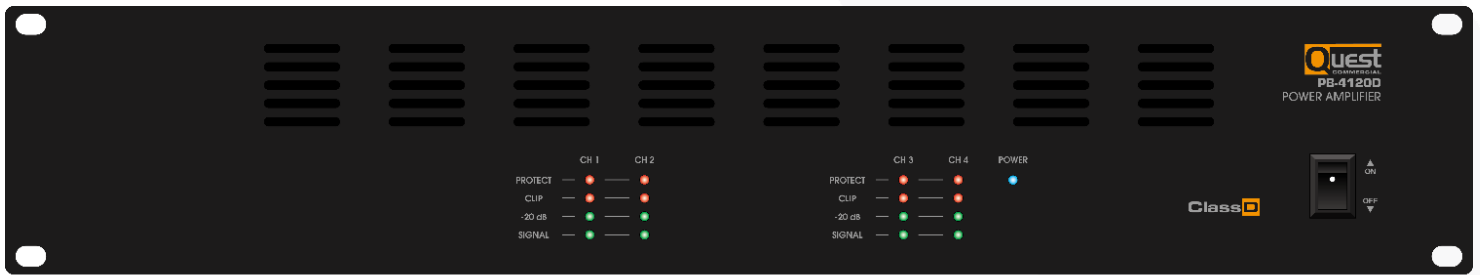


PB-4120D / PB-4300D

4 Channel Class D Power Amplifier

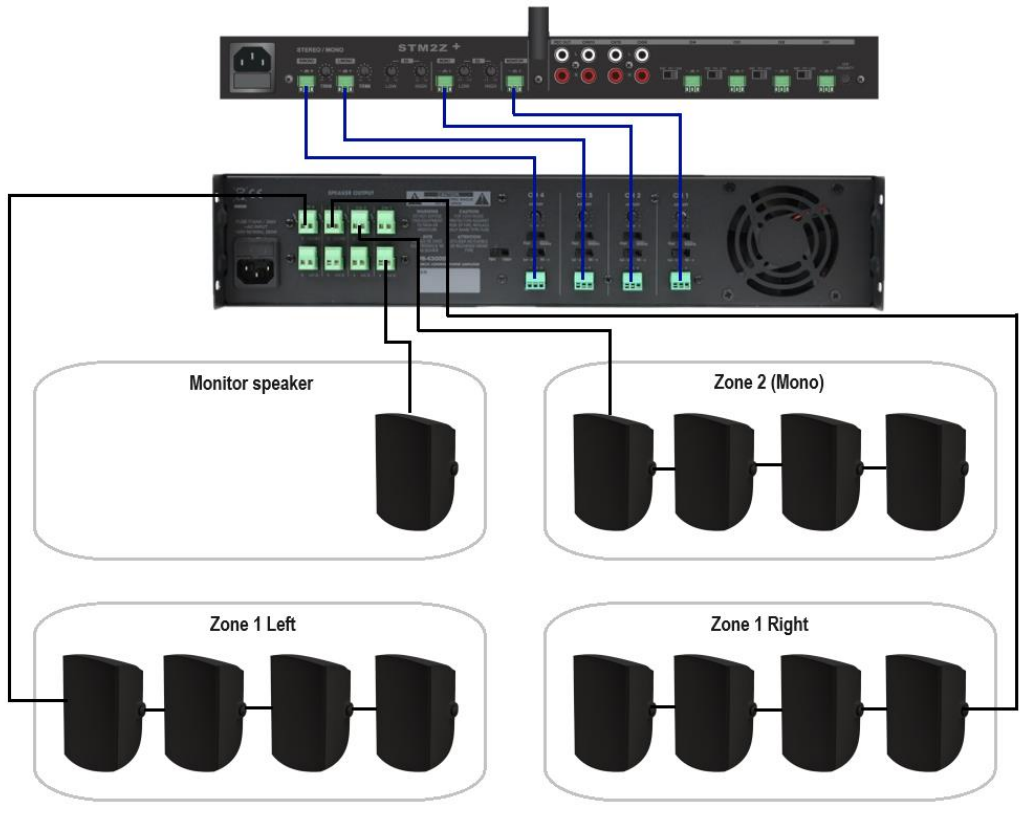
The Quest Commercial PB-4120D and PB-4300D are versatile and efficient Class D, digital multi-channel power amplifiers of advanced design, able to drive 70/100 V-line loudspeaker systems directly as well as low impedance 4/8ohms speaker loads. The PB-4120D can deliver 120 watts RMS per channel, and the PB-4300D can deliver 300 watts RMS per channel. The PB-Series advanced technology, clear sound, lightweight and reliable performance makes it ideal for any distributed sound system installation.



KEY SPECIFICATIONS

- Four channel power amp system – 120W or 300W RMS per channel.
- Class D transformerless design.
- Low-Z (4 or 8 Ω) or Hi-Z (70V or 100V) output.
- Fully independent channels, allow some to be used in Low-Z while others can be used in Hi-Z simultaneously.
- Front-panel LED indicators per channel: signal, clip, and protect.
- Input connectors: balanced three-pin Phoenix.
- Output connectors: two-pin Phoenix.
- Protections: Output current limiting, thermal protection & fuse.
- Switch-mode universal power supply.
- Front-to-back cooling.
- 2U rack space height

Application Diagram



Specifications

| Model Number | PB-4120D | PB-4300D |
|--|---|-------------------|
| Rated Power (1kHz, 1%THD+N) | 120W x4 (70/100V) | 300W x4 (70/100V) |
| | 60W x4 (8Ω) | 150W x4 (8Ω) |
| | 120W x4 (4Ω) | 300W x4 (4Ω) |
| Frequency Response | 50Hz - 18kHz | |
| Total Harmonic Distortion + Noise | < 0.3% | |
| Signal to Noise Ratio | > 90 dB | |
| Crosstalk | > 70 dB | |
| Amplifier Technology | Class D | |
| Weight (Net) | 20.3 lb. (9.2 Kg) | 21.4 lb3 (9.7 Kg) |
| Unit Dimension (W x H x D) | 19 (W) x 14.75 (D) x 3.5 (H) inches 483 (W) x 375 (D) x 89 (H) mm | |
| Carton Dimensions (Width/Depth/Height) | 21.5 (W) x 20.5 (D) x 6.75 (H) inches 546 (W) x 521 (D) x 172 (H) mm | |
| UPC Code | 694970007802 | 694970007819 |