

QSC PLX Series amplifiers

FEATURES

- Exclusive PowerWave power supply for superior bass and lighter weight
- Ultra-low distortion (0.03% THD at 8 ohms) & studio-quality noise floor (-107 dB)
- LED indicators include bridge mono and parallel input modes
- Compact 2 RU, 21 lbs. and 13" deep chassis fits into any rack
- Class H output reduces AC power draw and heat by 40% (2402, 3002, & 3402)
- Selectable clip limiters and subsonic filters reduce distortion and protect speakers
- Variable-speed fan for low noise and solid 2 ohm performance
- Both 1/4" TRS & XLR inputs, Speakon(TM) and shock-proof binding post outputs
- 3-year warranty plus optional 3-year extension available

| PLX SPECIFICATIONS | PLX1202 | PLX1602 | PLX2402 | PLX3002 | PLX3402 |
|--|--|-------------|----------------|----------------|----------------|
| <i>STEREO MODE, Both Channels Driven</i> | | | | | |
| 8 ohms 20 Hz-20 kHz 0.03% THD | 200W | 300W | 425W | 550W | 700W |
| 4 ohms 20 Hz-20 kHz 0.05% THD | 325W | 500W | 700W | 900W | 1100W |
| 2 ohms 1 kHz 1% THD | 600W | 800W | 1200W | 1500W | 1700W |
| <i>BRIDGE MONO MODE</i> | | | | | |
| 16 ohms 20 Hz-20 kHz 0.1% THD | 400W | 600W | 850W | 1100W | 1400W |
| 8 ohms 20 Hz-20 kHz 0.1% THD | 700W | 1100W | 1500W | 2000W | 2200W |
| 4 ohms 1 kHz 1% THD | 1200W | 1600W | 2400W | 3000W | 3400W |
| Signal to Noise (20 Hz-20 kHz) | <-106 dB | <-107 dB | <-108 dB | <-107 dB | <-107 dB |
| Input Sensitivity @ 8 ohms | 1.0Vrms | 1.2Vrms | 1.5Vrms | 1.7Vrms | 1.9Vrms |
| Input Sensitivity @ 4 ohms | 0.9Vrms | 1.1Vrms | 1.3Vrms | 1.5Vrms | 1.7Vrms |
| Voltage Gain | 40x (32 dB) | 40x (32 dB) | 40x (32 dB) | 40x (32 dB) | 40x (32 dB) |
| Output Circuitry | AB | AB | 2-Step Class H | 2-Step Class H | 2-Step Class H |
| Power Requirements (1/8 Power Pink Noise @ 4 Ohm) | 6A | 10A | 8A | 10A | 12A |
| <i>ALL MODELS</i> | | | | | |
| Distortion (SMPTE-IM) | Less than 0.01% | | | | |
| Distortion (Typical) 20 Hz-20 kHz: 10 dB below rated power 1.0 kHz and below: full rated power | Less than 0.01% THD Less than 0.01% THD | | | | |
| Frequency Response | 20 Hz-20 kHz, +/- 0.2 dB / 8 Hz-50 kHz, +0, -3 dB | | | | |
| Damping Factor | Greater than 500 | | | | |
| Input Impedance | 6 k ohms unbalanced, 12 k ohms balanced | | | | |
| Input Clipping | 10 Vrms (+22 dB) | | | | |
| Cooling | Variable-speed fan, rear-to-front air flow | | | | |
| Connectors, each channel | Input: 3-pin XLR & 1/4" TRS balanced Output: Neutrik Speakon(TM) and touch-proof binding posts | | | | |
| Amplifier Protection | Full short circuit, open circuit, thermal, ultrasonic, and RF protection Stable into reactive or mismatched loads | | | | |
| Load Protection | On/off muting, DC-fault power supply shutdown | | | | |
| Dimensions | 19" (48.3 cm) rack mounting, 3.5" (8.9 cm) tall (2 rack spaces) 13.25" (33.7 cm) deep (from front mounting rails) | | | | |
| Gain | 40x (32 dB) | | | | |
| Weight | 21 lb (9.5 kg) net, 27 lb (12.3 kg) shipping | | | | |
| <i>All Specification Subject to Change Without Notice.</i> | | | | | |