

Guardian Audio®

HD Series Professional Amplifiers

| Model | 10HD / 16HD | 26HD | 42HD |
|--|---|--------------------------|--------------------------|
| | 1kHz, 0.01% THD+N | 1kHz, 0.01% THD+N | 1kHz, 0.01% THD+N |
| 8Ω x 2 | 350 W | 650 W | 1000 W |
| 4Ω x 2 | 550 W | 950 W | 1800 W |
| 2Ω x 2 | 800 W | 1800 W | 2000 W |
| Bridged @ 8Ω | 1200 W | 2600 W | 3200 W |
| Bridged @ 4Ω | 1600 W | 3600 W | 4000 W |
| | 20Hz ~ 20kHz, 0.1% THD+N | 20Hz ~ 20kHz, 0.1% THD+N | 20Hz ~ 20kHz, 0.1% THD+N |
| 8Ω x 2 | 300 W | 600 W | 850 W |
| 4Ω x 2 | 500 W | 850 W | 1400 W |
| 2Ω x 2 | 700 W | 1500 W | 1800 W |
| Bridged @ 8Ω | 1000 W | 2200 W | 3000 W |
| Bridged @ 4Ω | 1400 W | 3000 W | 3600 W |
| Max RMS Output Voltage Per Channel | 73v | 90v | 90v |
| Max Peak Output Voltage | 103v | 126v | 126v |
| Frequency Response (1 watt @ 8Ω) | 20Hz~20kHz, -30dB@135Hz | 20Hz~20kHz, -30dB@135Hz | 20Hz~20kHz, -30dB@135Hz |
| Power Bandwidth (rated power @ 4Ω, 1% THD+N) | 20Hz~20kHz, -1.1dB/+5dB | 20Hz~20kHz, -.84dB/+0dB | 20Hz~20kHz, -.84dB/+0dB |
| Tour Class Protection | ACL, IGM, Autoramp, short circuit, DC voltage, turn on/off transient, sub and ultrasonic input, breaker and thermal | | |
| THD+N (rated power, 4 Ω, 1kHz) | <0.01 | <0.01 | <0.01 |
| SMPTE IMD (rated power, 8Ω, 60Hz & 7kHz) | <0.01 | <0.01 | <0.01 |
| Damping Factor (10-400Hz @ 8Ω) | 400:1 | 700:1 | 700:1 |
| Slew Rate | ≥30v/us | ≥30v/us | ≥30v/us |
| Input Impedance (balanced / unbalanced) | > 20kΩ / > 10kΩ | > 20kΩ / > 10kΩ | > 20kΩ / > 10kΩ |
| Hum & Noise ("A" weighted, full power @ 4Ω) | -105dB | -105dB | -105dB |
| Crosstalk ("A" weighted, full power @ 4Ω) | > -60dB | > -60dB | > -60dB |
| Class | H | H | H |
| Input Connectors | Female XLR (pin 2+), ¼" TRS (tip +) | | |
| Output Connectors | 5 way binding posts, Speakon | | |
| Cooling | Two Variable Speed DC Fans | | |
| Front Panel Controls | 2 attenuators, magnetic circuit breaker / power switch | | |
| Rear Panel Controls | Ground Lift, Mode, Sensitivity Switches | | |
| Indicators | Signal, Clip, Temp/DC and Power LEDs | | |
| Gross Weight | 54 lbs. | 66 lbs. | 78 lbs. |
| Net Weight | 49 lbs. | 61 lbs. | 73 lbs. |