



Features

Meet the new XLS DriveCore 2 Series. The next generation of XLS got a makeover with a sleek new look, larger LCD display, and more DSP with extended functionality. Like its predecessor, the new XLS is ultra-efficient with Crown's patented DriveCore technology and can drive 2400W at 4Ω bridged with tons of headroom guaranteeing a clean, undistorted signal straight to your speakers. The XLS DriveCore 2 assures that you will be heard as you deliver powerful, pure sound experiences for any venue.

- Class D amp with Crown's ultra-efficient DriveCore technology weighs less than 11 lbs (5 kg)
- Higher DSP capabilities: More control; has band pass filter per channel
- Increased lighting functionality; turn off display or any/all LED indicators except clip and thermal to reduce distraction in dark venues
- Selectable input sensitivity; 1.4Vrms and .775Vrms options so that amp can be driven at full power
- Set display sleep mode after specified time without having to press a button
- Security setting disables menu buttons; menu locked/unlocked by entering button combination
- System reset allows factory settings to be restored
- Remote power trigger
- Peakx™ Limiters provide maximum output while protecting your speakers
- XLR, 1/4", RCA inputs provide flexibility
- Integrated PureBand™ Crossover System for better performance and control
- Efficient forced-air fans prevent excessive thermal buildup

XLS DriveCore™ 2 Series



XLS 2502

Power Matrix

| Model | Channels | 2Ω Dual | 4Ω Dual | 8Ω Dual | 4Ω Bridged | 8Ω Bridged |
|-------|----------|---------|---------|---------|------------|------------|
| 1002 | 2 | 550W | 350W | 215W | 1100W | 700W |
| 1502 | 2 | 775W | 525W | 300W | 1550W | 1050W |
| 2002 | 2 | 1050W | 650W | 375W | 2100W | 1300W |
| 2502 | 2 | 1200W | 775W | 440W | 2400W | 1550W |

*Maximum average power in watts at 0.5% THD, 1kHz

| Performance Specifications | XLS 1002 | XLS 1502 | XLS 2002 | XLS 2502 |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Sensitivity | .775Vrms or 1.4Vrms | .775Vrms or 1.4Vrms | .775Vrms or 1.4Vrms | .775Vrms or 1.4Vrms |
| Frequency Response (at 1W, 20Hz to 20kHz) | +0dB, -1dB | +0dB, -1dB | +0dB, -1dB | +0dB, -1dB |
| Signal to Noise Ratio (rated as dBr to full rated 8Ω power output; A-Weighted) | >97dB* | >103dB* | >103dB* | >103dB* |
| Total Harmonic Distortion (THD) | <0.5% | <0.5% | <0.5% | <0.5% |
| Intermodulation Distortion (60Hz and 7kHz at 4:1) from full rated output to -30dB | <0.3% | <0.3% | <0.3% | <0.3% |
| Damping Factor (8Ω, 10Hz ~ 400Hz) | >200 | >200 | >200 | >200 |
| Crosstalk (below rated 8Ω power) | At 1kHz: > 85dB At 20kHz: > 55dB | At 1kHz: > 85dB At 20kHz: > 55dB | At 1kHz: > 85dB At 20kHz: > 55dB | At 1kHz: > 85dB At 20kHz: > 55dB |

Physical Specifications

| | | | | |
|-----------------|-------------------|-------------------|--------------------|--------------------|
| Width | 19 in. (48.3 cm) | 19 in. (48.3 cm) | 19 in. (48.3 cm) | 19 in. (48.3 cm) |
| Height | 3.5 in. (8.9 cm) | 3.5 in. (8.9 cm) | 3.5 in. (8.9 cm) | 3.5 in. (8.9 cm) |
| Depth | 7.7 in. (19.6 cm) | 7.7 in. (19.6 cm) | 10.7 in. (27.2 cm) | 10.7 in. (27.2 cm) |
| Net Weight | 8.6 lbs (3.9 kg) | 8.6 lbs (3.9 kg) | 10.8 lbs (4.9 kg) | 10.8 lbs (4.9 kg) |
| Shipping Weight | 13.6 lbs (6.2 kg) | 13.6 lbs (6.2 kg) | 15.8 lbs (7.2 kg) | 15.8 lbs (7.2 kg) |

*At .775Vrms sensitivity, Signal to Noise is 6dB lower.