XLS DriveCore™ 2 Series



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

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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.

Specifications subject to change without prior notice. Latest information available at www.crownaudio.com. Crown offers a three-year, no-fault, fully transferable warranty for every new Crown amplifier – an unsurpassed industry standard. With this unprecedented no-fault protection, your new Crown amplifier is warranted to meet or exceed original specifications for the first three years of ownership. During this time, if your amplifier fails, or does not perform to original specifications, it will be repaired or replaced at our expense. In most cases, the only things not covered by this warranty are those losses normally covered by insurance and those caused by intentional abuse. Plus, the coverage is transferable, should you sell your amplifier. See your authorized Crown dealer for full warranty disclosure and details. For customers outside of the USA, please contact your authorized Crown distributors for warranty information or call 574-294-8200. © 2015 Crown Audio®, Inc.