



Features

Crown's XLS DriveCore Series amplifiers define the standard for portable PA systems with unmatched performance, technology and affordability. Its advantageous flexibility includes multiple inputs so you can plug in anything and play anywhere, along with several system setup configurations. Simply put, the XLS is the most reliable, versatile, efficient amplifier available today.

- High performance, lightweight class D amp weighs less than 11 lbs
- Integrated PureBand™ Crossover System for better performance and control
- Peak[™] Limiters provide maximum output while protecting your speakers
- 1/4" inputs can be used as loop-thrus to distribute signal to additional amplifiers
- XLR, 1/4", RCA inputs provide outstanding flexibility
- Efficient forced-air fans prevent excessive thermal buildup
- Electronically balanced XLR inputs; touchproof binding post and Speakon outputs
- Precision detented level controls, power switch, power LED, and six LEDs which indicate signal, clip and fault for each channel

XLS DriveCore™ Series



XLS 1000, 1500, 2000, 2500

Power Matrix

Model	Channels	2Ω Dual	4Ω Dual	8Ω Dual	4Ω Bridged	8Ω Bridged
1000	2	550W	350W	215W	1100W	700W
1500	2	775W	525W	300W	1550W	1050W
2000	2	1050W	650W	375W	2100W	1300W
2500	2	1200W	775W	440W	2400W	1550W

*Maximum average power in radii of 0.5% THD, 1kHz

Amplifier Performance Specifications

	XLS 1000	XLS 1500	XLS 2000	XLS 2500
Sensitivity	1.4V	1.4V	1.4V	1.4V
Frequency Response (at 1W, 20 Hz to 20 kHz)	+0 dB, -1 dB	+0 dB, -1 dB	+0 dB, -1 dB	+0 dB, -1 dB

Signal to Noise Ratio (rated as dB+ to full rated 8Ω power output; A-Weighted)

XLS 1000	XLS 1500	XLS 2000	XLS 2500
>97 dB	>103 dB	>103 dB	>103 dB

Total Harmonic Distortion (THD)

XLS 1000	XLS 1500	XLS 2000	XLS 2500
>0.5%	>0.5%	>0.5%	>0.5%

Intermodulation Distortion (60 Hz and 7 kHz at 4:1) from full rated output to -30 dB

XLS 1000	XLS 1500	XLS 2000	XLS 2500
<0.3%	<0.3%	<0.3%	<0.3%

Damping Factor (8Ω, 10Hz ~ 400Hz)

XLS 1000	XLS 1500	XLS 2000	XLS 2500
>200	>200	>200	>200

Intermodulation Distortion (IMD) (60Hz ~ 7kHz, 4:1, from full rated output to -30dB)

XLS 1000	XLS 1500	XLS 2000	XLS 2500
<0.3%	<0.3%	<0.3%	<0.3%

Damping Factor (8Ω) 10 Hz to 400 Hz

XLS 1000	XLS 1500	XLS 2000	XLS 2500
>200	>200	>200	>200

Crosstalk (below rated 8Ω power)

	At 1kHz: >85 dB	At 1kHz: >85 dB	At 1kHz: >85 dB	At 1kHz: >85 dB
	At 20kHz: > 55 dB	At 20kHz: > 55 dB	At 20kHz: > 55 dB	At 20kHz: > 55 dB

Physical Specifications

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

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 – on 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.