

## KVS SERIES Power Amplifier



**KVS300**

**KVS500**

**KVS700**

**KVS1000**

### FEATURES

- Operation modes: Stereo-Dual, Parallel or Bridge
- Input sensitivity switch: 0.775V / 1.4V
- Input: Balanced XLR , one (1) per channel
- Output: 4-pole Speakon® and one (1) pair Binding Post per channel
- One (1) gain knob per channel, one (1) power switch with LED indicator
- Three (3) LED indicators for each channel: Fault (red), Clip/Thermal (yellow) and Signal (green)
- Protection against short circuits, no-load, on/off muting, RF interference

# KVS SERIES



## SPECIFICATIONS

Minimum Guaranteed Power	KVS300	KVS500	KVS700	KVS1000
1kHz (EIA), 0.5%THD Stereo, 4 ohms (per ch.) Stereo, 8 ohms (per ch.) Bridge, 8 ohms	450W 300W 900W	750W 500W 1500W	1000W 700W 2000W	1450W 1000W 2900W
Stereo, 4ohms (per ch.) more than 1 mins Bridge, 8ohms more than 1 mins	350W 700W	550W 1100W	800W 1600W	1200W 2400W
<b>Performance</b>				
Frequency Response (1W)	20Hz - 20kHz, +0/-1dB			
Total Harmonic Distortion (THD)	< 0.5%, 20 Hz - 20kHz			
Intermodulation Distortion (IMD) 60 Hz and 7 kHz at 4:1, from full rated output to -30 dB	= / < 0.35%			
Slew Rate	>10V/us			
Voltage Gain	29dB	31dB	33dB	36dB
Damping Factor (8ohms), 10Hz - 400Hz	>200			
Signal-to-Noise Ratio (below rated power, 20 Hz to 20 kHz, A-weighted)	> 100 dB			
Crosstalk (below rated power) At 1 kHz At 20 kHz	-75 dB -59 dB			
Input Sensitivity (full rated power, 8ohms)	0.775V or 1.4V			
Input Impedance (nominal) Balanced	20k ohms			
<b>Connectors, Controls and Indicators</b>				
Input Connectors	One balanced XLR per channel			
Output Connectors (Speaker Connectors)	4-POLE Speakon® and one pair Binding Post per channel			
Front Panel Controls	Power on/off switch, one gain control per channel			
Rear Panel Controls	Output mode switch: stereo (dual), parallel or bridge Input sensitivity switch: 0.775V or 1.4V			
Power Indicator	Blue and Green LED			
Signal Indicator	One green LED per channel			
Clip (peak) Indicator	One yellow LED per channel			
Fault Indicator	One red LED per channel			
Cables	Adaptor: 10A, 250V Cables: CCC 3x1.5mm²			
<b>Construction</b>				
Protection	Protection against short circuits, no-load, on/off muting, RF interference. Stable into reactive or mismatched loads			
Ventilation	Flow-through ventilation from front to back			
Cooling	Internal heat sinks with forced air. Fan cooled, speed regulated, thermal protection			
Dimensions (W x H x D)	19" x 3.5" x 15.6" (482 mm x 89 mm x 395 mm)			
Net Weight	18.2 lb (8.2 kg)	20.0 lb (9.1 kg)	20.4 lb (9.3 kg)	21.5 lb (9.7 kg)
Shipping Weight	22.5 lb (10.2 kg)	24.3 lb (11.0 kg)	24.7 lb (11.2 kg)	25.7 lb (11.7 kg)

### Crown Warranty

Crown International warrants to you, the ORIGINAL PURCHASER and ANY SUBSEQUENT OWNER of each NEW Crown product, for a warranty period (for specific period of warranty please refer to our warranty card or contact us or authorized dealers) from the date of purchase by the original purchaser that the new Crown product is free of defects in materials and workmanship. We further warrant the new Crown product regardless of the reason for failure, except as excluded in this Warranty.

*Warranty is only valid within the country in which the product was purchased. Customers outside USA please contact Crown authorized dealer for Warranty information or call 574-2948200.*



Specifications are subject to change without prior notice. Latest information available at: [www.crownaudio.com](http://www.crownaudio.com).

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