

# KVS SERIES



## 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<br>Stereo, 4 ohms (per ch.)<br>Stereo, 8 ohms (per ch.)<br>Bridge, 8 ohms   | 450W<br>300W<br>900W   | 750W<br>500W<br>1500W | 1000W<br>700W<br>2000W | 1450W<br>1000W<br>2900W |
| Stereo, 4ohms (per ch.) more than 1 mins<br>Bridge, 8ohms more than 1 mins                      | 350W<br>700W   | 550W<br>1100W         | 800W<br>1600W          | 1200W<br>2400W          |
| <b>Performance</b>  |  |                       |                        |                         |
| Frequency Response (1W)   | 20Hz - 20kHz, +0/-1dB  |                       |                        |                         |
| Total Harmonic Distortion (THD)   | < 0.5%, 20 Hz - 20kHz  |                       |                        |                         |
| Intermodulation Distortion (IMD)<br>60 Hz and 7 kHz at 4:1, from full rated<br>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,<br>20 Hz to 20 kHz, A-weighted)                       | > 100 dB   |                       |                        |                         |
| Crosstalk (below rated power)<br>At 1 kHz<br>At 20 kHz  | -75 dB<br>-59 dB   |                       |                        |                         |
| Input Sensitivity (full rated power, 8ohms)   | 0.775V or 1.4V   |                       |                        |                         |
| Input Impedance (nominal)<br>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<br>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<br>Cables: CCC 3x1.5mm <sup>2</sup>   |                       |                        |                         |
| <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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