



PRESS RELEASE FOR IMMEDIATE ATTENTION

## Introducing the V5 Gemini, Polaris and Corvus

*IsoTek release three new power bars that dramatically reduces component cross contamination of Differential Mains Noise.*

**Winchester, England, July 19th:** IsoTek, the world leader in power optimisation devices for Audio and AV systems, introduces three new power bar cleaners for the V5 series.

### **IsoTek has introduced three new V5 series, power bar models**

The V5 Gemini, Polaris and Corvus are compact power cleaning and distribution bars. The two main differences between the three models are the size and the number of individual outlets, where Gemini has two, Polaris has six, and Corvus has nine. Each outlet references back to the central internal PCB.

Most power filters of this style join outlet sockets together, running each in series connection. IsoTek feels that doing it this way is an error of judgement as Differential Mode Noise, created by the connected load (your audio components), will cross-contaminate between the outlet sockets. IsoTek's electrical architecture and design ensure these problematic issues do not occur.

### **New Electrical Architecture and Circuit**

All three models feature a unique delta filter topology that is ten times greater than the recommended standard. It offers more than 20dB power cleaning at 1kHz (reference 600ohms), which improves to 42dB at 10kHz.

Most leading experts agree that 10kHz is where radio frequency interference (RFI) starts to influence performance and is also linked to an amplifier's ability to reject power supply noise. IsoTek's electrical engineering ensures class-leading power cleaning performance for Common Mode (RFI) and Differential Mode mains noise created by connected electronics. The printed circuit board (PCB) itself also has twice the standard copper loading and is silver-plated.

This unique circuit delivers clean power to all the outlet sockets – each one independently isolated to prevent cross-contamination of Differential Mode mains noise. Combined with IsoTek's KERP © (Kirchhoff's Equal Resistance Path) ensures equal resistance and equal power delivery to all outlets.

The internal wiring is of the highest standard, a unique 2sqmm design featuring pure 6n oxygen-free copper conductor strands, each silver-plated, offers low resistance and high amperage. An aerospace-grade Fluorinated Ethylene Propylene (FEP) dielectric with very low dielectric resistance protects the conductors and is an ideal conductor contact dielectric for the internal power delivery system.

## Protection System

All three models offer instantaneous protection up to 45,000A, which protects the circuit and safeguards your valuable connected equipment via IsoTek's unique sequential and repeatable protection system.

## Positioning made easy

If desired, a wall hanging bracket system is included, allowing for easy mounting of the product behind your audio equipment rack.

## Internal Wiring

The internal wiring of IsoTek products synergises with the range of IsoTek power cables. One critical but overlooked area within audio is maintaining the commonality of design and material properties through an audio wiring loom, a signal-carrying cable, or a power cable network.

## System Link

All three V5 models contain a System Link outlet, allowing the connection of multiple units while maintaining a star earth reference and preserving the need for multiple wall outlet sockets.

## Power Cable

Included with the V5 Polaris and Corvus is IsoTek's award-winning Initium power cable.

## Specifications (V5 Gemini)

|                         |                                 |
|-------------------------|---------------------------------|
| Number of Outlets:      | 2                               |
| Type of Outlets:        | UK, EU, US, AU & CH             |
| Mains Inlet:            | 10A IEC C14                     |
| Mains Voltage:          | 100-240V / 50-60Hz              |
| Maximum Current:        | 10A HRC                         |
| Total Wattage:          | 2,300W (@230V) / 1,150W (@115V) |
| Surge Protection:       | 45,000A                         |
| Dimensions (W X H X D): | 80 x 50 x 270mm                 |

**MRP UK: £395.00**

### Specifications (V5 Polaris)

|                         |                                 |
|-------------------------|---------------------------------|
| Number of Outlets:      | 6                               |
| Type of Outlets:        | UK, EU, US, AU & CH             |
| Mains Inlet:            | 10A IEC C14                     |
| Mains Voltage:          | 100-240V / 50-60Hz              |
| Maximum Current:        | 10A HRC                         |
| Total Wattage:          | 2,300W (@230V) / 1,150W (@115V) |
| Surge Protection:       | 45,000A                         |
| Dimensions (W X H X D): | 80 x 50 x 510mm                 |

**MRP UK: £695.00**

### Specifications (V5 Corvus)

|                         |                                 |
|-------------------------|---------------------------------|
| Number of Outlets:      | 9                               |
| Type of Outlets:        | UK, EU, US, AU & CH             |
| Mains Inlet:            | 10A IEC C14                     |
| Mains Voltage:          | 100-240V / 50-60Hz              |
| Maximum Current:        | 10A HRC                         |
| Total Wattage:          | 2,300W (@230V) / 1,150W (@115V) |
| Surge Protection:       | 45,000A                         |
| Dimensions (W X H X D): | 170 x 50 x 380mm                |

**MRP UK: £895.00**

**Website:** [isoteksystems.com](http://isoteksystems.com)

### About IsoTek

Established in Hampshire, England, in 2001 and recognised as the world leader in power optimisation devices for AV systems, IsoTek has been at the forefront of design innovation for over two decades. The company's multi-award-winning power optimisation devices contain unique technologies designed to enhance sound and picture quality. IsoTek's proprietary systems filter household electricity supplies and regulate their distribution for more pure, stable power.

Available in over 55 countries worldwide, IsoTek has far in excess of 100,000 happy customers around the globe. The company provides a comprehensive range of solutions for AV enthusiasts, whatever their budget, with world-class products hand-made in Europe to the highest standards.