

Kramer HSA210 HighSecLabs Secure Headphone Diode

OUTPUTS

- 1 3.5mm mini jack for unbalanced stereo audio, 1 USB-A connector for power

COMPUTER PORTS

- 1 3.5mm mini plug for unbalanced stereo audio or line output, 1 USB-B connector

CONTROLS

- Self-test push-button with LED for self-test (green) and tampering (red) indications

SECURITY FEATURES

- Independent/isolated micro-controller, analog audio data diode circuitry to prevent using headphones as dynamic microphones, detects connection of plug inserted into a microphone or headphones jack with changed role, holographic tampering-evident labels, active battery backed anti-tampering system to prevent physical tampering

AUDIO FREQUENCY RESPONSE

- 100-20,000Hz

DIODE REVERSE-FLOW ATTENUATION

- 32 ± 4 dB

S/N RATIO

- More than 52dB

SUPPORTED AUDIO CARDS

- All AC'97 CODECs on-board or cards, HD audio CODECs
- Professional PCI cards and multi-channel sound cards are not supported

POWER REQUIREMENTS

- 5V DC, 0.2A max

OPERATING TEMPERATURE

- 0° to +40°C (32° to 104°F)

STORAGE TEMPERATURE

- -20° to +60°C (-4° to 140°F)

OPERATING HUMIDITY

- 20% to 80%, RH non-condensing

STORAGE HUMIDITY

- 10% to 90%, RH non-condensing

ALTITUDE

- 0 to 10,000 ft

SECURITY CERTIFICATION

- CE, UL and cUL, Safety BSEN60950 / EN60950

PRODUCT LIFE-CYCLE

- 10 years