

**Compatibility**

The INERTIA is a multi-scanning device that accepts inputs in the 31 - 71 kHz frequency range. The INPUT FORMAT LEDs are a general indication of the input signal frequency range.

Input LED	Computer	Resolution	Horiz.	Vert.
○○○●	VGA 2	640x400	31.5kHz	70Hz
○○●○	VGA 3 (pass thru)	640x480	31.5	60
○○●●	VESA 1	800x600	35.0	56
●○○○	VESA 2	640x480	37.9	72
○●●●	VESA 3	1024x768	48.4	60
○○●○	VESA 5	800x600	37.9	60
●○●○	VESA 6	800x600	48.1	72
○○●○	MAC 13" / 14" display	640x480	35.0	67
●○○○	MAC 16" display	832x624	49.7	75
●●●○	MAC 19" display	1024x768	60.2	75
●●●●	MAC 21" display	1152x870	68.7	75
○●●○	IBM 8514/XGA	1024x768	35.5	87
●○●○	SUN	1152x900	61.8	66
●○●○	SUN	1152x900	71.7	76
○●●○	SGI	1024x768	48.0	60
○○○●	SGI	1280x1024	63.9	60

○ = Off; ● = On; ● = Blinking LED. LEDs sequencing = input range exceeded, LEDs all off = no signal, improper connection, etc.

**Specifications**

**Input Signals**

Computer Compatibility: SUN, SGI, PowerPC, Super VGA, Radius, Quadra, MAC SERIES, Super MAC, and E-Machine graphics from 31 to 71 kHz (multi-scanning).

Video ..... 0.7 - 1.0 volts p-p

Sync ..... Composite sync (±), Sync on Green (±),

..... Horizontal and Vertical (±)

Input freq. compatibility ..... 31-71 kHz (multi-scanning)

Maximum Resolution ..... 1280 x 1024

**Output Signals**

Video ..... BNC - RGBS, 15-pin HD = VGA or SVGA

Sync ..... BNC = Composite sync

..... 15-pin HD = Composite or separate H&V

Output frequency ..... 31.5 kHz VGA or 35 kHz SVGA (Switchable)

Output resolution ..... 640 x 480 VGA or 800 x 600 SVGA (Switchable)

RGB video bandwidth ..... 120 MHz (-3 db)

Power Supply ..... 100-240 VAC, 50/60 Hz external auto-switchable

Dimensions ..... 10"W x 11.5"D x 1.5"H (25 W x 29 D x 3.8 H cm)

Shipping Weight ..... 9 lbs. (4 kg)

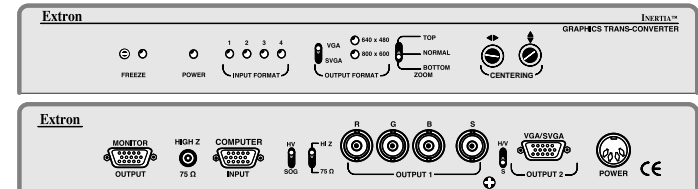
Warranty ..... Two years parts/labor

**Supplied Cables and Adapters**

- VGA Input Cable, 6' (1.8m) ..... Part Number 26-112-15
- 13W3/VGA return cable, 1' (0.3 m) ..... Part Number 26-371-01
- 13W3/VGA adapter ..... Part Number 26-372-01
- MAC HV/VGA return cable, 1' (0.3 m) ..... Part Number 26-340-02
- MAC HV/VGA adapter ..... Part Number 26-374-01



**User's Guide**



**INERTIA**  
**CAD Workstation**  
**to VGA Graphics**  
**Trans-Converter**  
**P/N 60-161-01**