

## DIGITAL MULTI-SCAN CONVERTER WITH VGA OUTPUT



### CDM640

The CDM640 is a Digital Multiscan processor and will convert any world TV system (NTSC, PAL, SECAM) to any other PLUS it will also convert the signal to 60Hz PC mode (VGA, SVGA or XGA). The unit has 8-bit broadcast quality colour decoding and easy touch button controls for input/output selection. Innovative image processing circuitry and controls for colour, contrast, brightness, tint and horizontal/vertical phase.

#### CDM640 Features:

- ★ Converts any video system to any other video system PLUS computer display system
- ★ When converting PAL to PC mode, its frame rate is converted to 60Hz, ensuring vertical freq. compatibility with 60Hz LCD display monitors.
- ★ Auto detection of input video system
- ★ Digital conversion from NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, SECAM to output signals NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, PC (640x480, 800x600, 1024x768) 60Hz.
- ★ 8-bit Broadcast quality Colour decoding.
- ★ Built in TBC function for signal synchronization. (Active constantly, even in bypass mode)
- ★ Built in AGC function ensure 1 Volt p.p. output signal -(input level can range from 0.5 - 2v.)
- ★ Full digital decoding and encoding.
- ★ Colour bar output will appear on screen when no input signal is present.
- ★ Adjustable controls for Contrast, Brightness, Colour, Tint and Horiz/Vert Phase.
- ★ Innovative image processing circuitry for Colour, Motion and Picture Detail.



<b>Input TV System:</b>	NTSC 3.58, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM
<b>Output TV System:</b>	NTSC 3.58, NTSC 4.43, PAL, PAL-M, PAL-N
<b>Output VGA systems:</b>	640x480, 800x600, 1024x768 - 60Hz.
<b>Video inputs:</b>	1 x RCA (Composite video), 1 x 4pin S video
<b>Video outputs:</b>	1 x RCA (Composite video), 1 x 4pin S video
<b>VGA input:</b>	15pinD for PC bypass
<b>VGA output:</b>	15pinD
<b>Sampling frequency:</b>	Y:13.5MHz R-Y:6.75MHz B-Y:6.75 MHz
<b>Digital Cord bit:</b>	Y:8 bits R-Y:8 bits B-Y:8 bits
<b>Line conversion:</b>	Video 525 > 625 : 625 > 525 VGA 525/625 > 525, 628, 806 lines
<b>Field conversion:</b>	Video 60 > 50 : 50 > 60 VGA 50/60>60Hz
<b>Power supply:</b>	DC 15V. 600mA.
<b>Dimensions:</b>	(WxDxH) 300 x 242 x 50mm
<b>Weight:</b>	2Kg.
<b>Accessories:</b>	1 x RCA cable, 1 x S video cable, 1 x VGA cable, 1 x DC adaptor



**S J ELECTRONICS**  
POWER • TEST & MEASUREMENT

**0800 583 44 55**

Tel: +44 1536 416 200

Fax: 0800 583 55 66

sales@sjelectronics.co.uk

www.sjelectronics.co.uk