



NEC 650



#### application

- Mobile – On site training, Award Presentations
- Business – Conferences and Presentations
- Education – Classrooms and Seminars
- Public Display – Galleries and Shops

#### special features

- VT540/VT650 1280 x 1024 (SXGA) capable with Advanced AccuBlend™ technology
- Brightness: VT540 1000 ANSI lumens, VT650 1500 ANSI lumens
- Lightweight: 3.9 kg
- Digital zoom up to 400%
- 16:9 aspect ratio for video
- Keystone Correction
- Automatic setup
- Picture adjustment and source selection with only one button
- Fan ventilation to the front
- 3 year pan-European 24 hour on site replacement guarantee

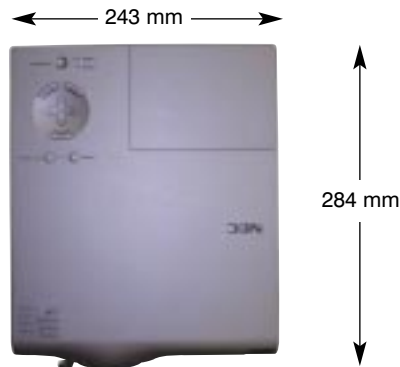
## Commitment to Economy

The ultra portable VT projectors are the best presentation partners for marketing and advertising, schools, training and entertainment. With a resolution of 1024 x 768 pixels and a light intensity up to 1500 ANSI lumens these projectors manage every presentation with a clear and bright display even in a well-lit room. Images are so realistic and vivid you'll think you are looking at the real thing.

These are one touch no hassle projectors. Just plug in the power cable and connect to your computer or video signal. Set up is so easy. All the features and functions are available at your fingertips. They support a wide range of inputs including RGB, Component, Composite Video and S-Video.

The VT650 with its Micro Lens Array provides a bright image and its Colour Management System allows easy adjustment to Gamma Correction, White Balance and Colour corrections, so fine colour tuning to your liking is now even easier. Two user memories are available for storing your personalized settings, and three adjustment modes plus sRGB to give you a wide choice of settings.

# NEC VT540/650



Carry Case



Remote Control  
VT650

## SPECIFICATION

<b>Display:</b>	3 x 0.9" with LCD Micro Lens Array
<b>Lamp:</b>	160W NSH Lamp (130W Eco Mode)
<b>Lamp life:</b>	2000 hours, 3000 hours in Eco Mode
<b>Lens:</b>	Manual Zoom and focus F2.0 - 2.3, f = 35.8 - 43 mm / F1.7-2.0 f = 33.5 - 40.1 mm
<b>Minimum Image Diagonal:</b>	63 cm
<b>Maximum Image Diagonal:</b>	762 cm
<b>Throwing Distance:</b>	11 - 11.2 m
<b>Projection factor:</b>	1.95-2.3/1.8-2.15
<b>Brightness (ANSI lumen):</b>	1000 (800 in Eco Mode) / 1500 (1200 in Eco Mode)
<b>Contrast ratio:</b>	400:1
<b>Colour reproduction:</b>	16.77 million
<b>Frequency:</b>	Horizontal: 15-100 kHz Vertical: 50-120 Hz
<b>Native resolution:</b>	1024 x 768 (XGA)
<b>Support resolutions:</b>	1280 x 1024 (SXGA) with advanced Accu Blend™ 1600 x 1200 (UXGA), 1280 x 1024 (SXGA), 1024 x 768 (XGA), 800 x 600 (SVGA), 640 x 480 (VGA)
<b>Terminals:</b>	RGB Input: Mini D-Sub 15-pin (shared with YCbCr) RGB Output: Mini D-Sub 15-pin Video Input: RCA S-video Input: DIN 4-pin Audio Input: RCA, Mini Jack Audio Output: Mini Jack (Shared with RGB, Video and S-Video) PC Control Input/Output DIN 8-pin
<b>Video Signals:</b>	PAL / NTSC / SECAM / NTSC 4.43 PAL-N, PAL-M, PAL60, S-Video
<b>Audio Functions:</b>	1 Watt integrated speaker
<b>Benefits:</b>	Colour Management sRGB-VT650, Keystone Correction up to ±30°
<b>Remote Control:</b>	Source select, auto picture adjustment, magnify, help function, aspect ratio, volume and power
<b>Dimensions (W x H x D):</b>	243 x 103 x 284 mm
<b>Weight:</b>	3.9 kg
<b>Power Supply:</b>	100-120W / 200-240 VAC ±10% 50/60 Hz
<b>Power Consumption:</b>	240 W (205 W in Eco Mode / 225 W (190 W in Eco Mode)
<b>Fan Noise:</b>	Normal: <38 dB: <35 dB in Eco Mode
<b>Safety/Ergonomics:</b>	CE, TUV GS, EN60950, EN55022: 1994, A1/2:1994 Class B, EN50082-1, EN61000-3-2, EN61000-3-3
<b>Guarantee:</b>	Projector: 3 year pan –European 24 hour on site replacement Lamp 2000 hours or 6 months
<b>Optional Items and Spares:</b>	VT40CM Ceiling Mounting Kit, PR51 Remote Control Kit, ADP-CV1 Component Video Adaptor Lead, VT50 LP Replacement Lamp VT40HC Hard Carrying Case

All specifications are subject to change without notice.

\*NSH = New Short arc High Pressure

## Connection Diagram

