

PJ678

**VERSATILE, HIGH BRIGHTNESS
3LCD XGA PROJECTOR
WITH SHORT-THROW LENS**

Crisp, bright meetings

The ViewSonic PJ678 is a powerful, high brightness 2500 lumen projector. A wide array of analogue PC and video connectors plus one digital input with support for HDCP (high-bandwidth digital content protection) make it an extremely versatile short-throw projector. Incorporation of the latest D5 LCD panel generation technology together with a native resolution of 1024 x 768 pixels guarantees rich, lifelike colours and razor-sharp images for both video and data. Thanks to its special short-throw optics and keystone correction small spreadsheets, text or video clips can be screened in perfect XXL format even in small rooms. The flexible, richly-featured PJ678 is the optimal small budget choice for education and training. Furthermore, the optional available ViewSonic WPG-150 wireless adapter provides seamless cable-free performance.



VERSATILE, BRIGHT AND DIGITAL

- > **Razor sharp 1024 x 768 XGA resolution and high brightness with 2500 lumens**

Produces clear, crisp images including razor-sharp, detailed spreadsheets and smooth video image quality. It's the perfect choice for educational or training purposes – even in large venues.

- > **Latest D5 Epson LCD panel technology**

Truly natural colour representation including well balanced red, green, blue (RGB) colour uniformity for vivid, lifelike colours.

- > **Ultimate analogue and digital video source flexibility**

One analogue PC-VGA and one DVI-I input (could convert into 2nd VGA-in via included DVI to VGA adapter) with support for HDCP let you connect two computers simultaneously. Plus, separate inputs for composite, s-video and component signals let you add various video sources for dynamic meetings and presentations. And with the extra VGA-out connector, the projected image can even be viewed on an external display.

- > **Short-throw lens for large, stunning images in small rooms**

Even more setup convenience is provided via keystone correction and two solid and independently adjustable projector feet. The short-throw lens creates large diagonal screen sizes even at short distances – a screen size of 1.5m is possible from just 2.2m.

- > **Eco mode extends lamp life and reduces noise output**

Extend the life of your lamp up to 3000 hours¹ while reducing noise to a virtually unnoticeable 29dB.

- > **Optional wireless presentation gateway WPG-150**

The optional WPG-150 provides unparalleled, seamless wireless performance for data even video applications. It lets you connect your notebook or desktop PC to the PJ678 projector wirelessly. Fast animations and slide transitions ensure your presentations come out smooth and professional.

- > **One of the best warranties in the business**

Covered by a three-year on-site exchange service and a one-year limited lamp warranty.



VIEWSONIC
PRODUCTS, PROGRAMS,
AND SERVICES

PJ678

VERSATILE, HIGH BRIGHTNESS 3LCD XGA PROJECTOR WITH SHORT-THROW LENS



PJ678 Distance Calculator

4:3 SCREEN SIZE (Diagonal inch) Tele Wide		PROJECTION DISTANCE (m)
28.04 – 33.13		1.0
42.06 – 49.70		1.5
50.47 – 60.00		1.8
56.07 – 66.27		2.0
61.68 – 72.89		2.2
84.11 – 99.40		3.0
112.15 – 132.53		4.0
140.19 – 165.67		5.0
168.22 – 198.80		6.0
196.26 – 231.93		7.0
224.30 – 265.07		8.0
252.34 – 298.20		9.0
280.37 – 331.33		10.0

OPTIONAL ACCESSORIES

- > Replacement lamp RLC-019
- > Ceiling Mount Extension 26" – 46" PRJ-ECM-001
- > Universal ceiling mount kit WMK-005
- > Wireless Presentation Gateway WPG-150



ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.

LCD	Type Resolution Lens Zoom Factor Vertical keystone correction	3 x 0.63" EPSON D5 Poly-Si TFT with MLA 1024 x 768 XGA native, (max. 1280 x 1024 SXGA compressed) Manual zoom, manual focus 1.2 (F = 1.75–1.9/f = 18.85mm–22.23mm) 32° vertical (±16°)
DISPLAY	Size Throw Distance Throw Ratio Lamp Brightness Contrast Ratio Aspect Ratio	28"–331" (0.71m–8.41m) (Diagonal) 1.0m–10.0m 1.48–1.76:1 205W HID, 2000 hours (Eco mode 3000 hours¹) 2500 ANSI lumens (max.) 600:1 (max.) 4:3 (native), 16:9
AUDIO	Speaker	1 x 2 watt
INPUT SIGNAL	Video Frequency	RGB analogue, NTSC M, NTSC 4.43, PAL (M, N, 60), SECAM, SDTV/EDTV (480i/p, 576i/p), HDTV (720p, 1080i) F _H : 15–80kHz; F _V : 50–85Hz
COMPATIBILITY	PC Mac ²	Analogue: VGA up to SXGA (scaled), 1024 x 768 @ 60Hz preferred Analogue: VGA up to SXGA (scaled), 1024 x 768 @ 60Hz preferred
CONNECTOR	PC-VGA (in) PC-VGA (out) DVI Composite Video S-Video Component Video Audio Service	1 x 15-pin mini D-sub, 1 x DVI to PC-VGA adapter 1 x 15-pin mini D-sub 1 x DVI-I (HDCP enabled) 1 x RCA jack 1 x 4-pin mini-DIN 3 x RCA (YPbPr/YCbCr) 1 x RCA set L/R 1 x 6-pin mini-DIN RS-232 (for service only)
POWER	Voltage Consumption	AC 100–120/200–240V, 50/60Hz (auto switch) < 280W (typ.)
CONTROLS	Basic OSD ³	Stand-by, menu, input Picture Menu (brightness, contrast, phase, frequency, sharpness, colour temperature, user RGB, saturation, tint), Image Menu (H/V position, H size, resync, freeze), Management Menu (projection [rear, front, ceiling-front, ceiling-rear], Eco mode, source lock, high altitude, power saving, lamp timer, lamp timer reset, keystone, OSD position, OSD background, OSD timeout), Audio Menu (volume, mute), Advance Menu (factory reset), Language Menu (English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Simplified Chinese, Traditional Chinese)
OPERATING CONDITIONS	Temperature Humidity	0°C–40°C 10%–90% (non condensation)
NOISE LEVEL	Normal Eco mode	34dB (typ.) 29dB (typ.)
DIMENSIONS	(W x H x D mm)	298 x 84 x 224 (physical) 360 x 310 x 220 (packaging)
WEIGHT	Net Gross	3.1kg 4.1kg
REGULATIONS		CE, CB, FCC-B, CCC, TÜV-GS, WEEE, RoHS
PACKAGE CONTENTS		3LCD Projector, 1.8m power cables (Europe [Schuko]/UK), 2.0m VGA cable, DVI to VGA adapter, composite cable, S-video cable, audio cable (RCA), remote control, batteries, lens cap, soft carrying case, Quick Start Guide (multi-language), ViewSonic Wizard CD (User guide) (multi-language)
WARRANTY		Please see: www.viewsoniceurope.com/UK/Support/warranty.htm

ViewSonic Europe Limited/UK

Riverside House
7th Floor
2a Southwark Bridge Road
London, SE1 9HA
United Kingdom

Tel: +44 (0) 207 921 2200
Fax: +44 (0) 207 921 2201

ViewSonic Germany

Hanns-Martin-Schleyer-Straße 18A
47877 Willich
Germany

Tel: +49 (0) 21 54 91 88 0
Fax: +49 (0) 21 54 91 88 10

ViewSonic France

Parc des Barbannières
1 allée des Bas Tilliers
92230 Gennevilliers
France

Tel: +33 (0) 1 41 47 49 00
Fax: +33 (0) 1 41 47 49 10

ViewSonic Corporation

381 Brea Canyon Road
Walnut
California 91789-0708
USA

Tel: +1 909 869 7976
Fax: +1 909 869 7958

ViewSonic Belux
ViewSonic Denmark
ViewSonic Finland
ViewSonic Italy
ViewSonic MEA
ViewSonic Netherlands
ViewSonic Norway
ViewSonic Spain
ViewSonic Sweden

Tel: +32 (0)56 85 26 27
Tel: +45 70 22 11 71
Tel: +358 20 7120 860
Tel: +39 02 73 95 50 22
Tel: +971 (0) 4 88 11 871
Tel: +31 (0)20 491 9254
Tel: +47 (0) 22 88 17 60
Tel: +34 (0) 91 63 05 339
Tel: +46 (0) 8 50 71 30 00

¹ Running Eco mode exclusively can extend lamp life up to 3000 hours. ² May require optional Mac adapter. ³ Some features may not be available on all inputs.

Copyright © 2007, ViewSonic Corporation. All rights reserved. Specifications subject to change without notice. Corporate names and trademarks stated herein are the property of their respective companies. VS PJ678 06/07-UK