

Let's make it powerful!

Outstanding brightness and contrast ratio suit for any large venue with easy network management

With astonishing brightness of 4300/4700 lumens, razor-sharp contrast of 3000 to 1 and wide range of attached add-on lens (throw ratio from 1.3 to 2.46) available for choice,

EP776/EP782 projector is made to shine in wide range of large venues: from large classroom/boardroom, to auditorium or public space.

The great connectivity & built-in wireless solution (option) not only makes this full-featured projector ideal for elegant & professional presentation, the highly saturated color, whisper-quiet operation (28dB/30dB) and the Optoma proprietary TiO₂ air-purifier system also ensure audiences an unsurpassed multimedia experience ever have in this class.



■ 0.7" DarkChip3 DLP® technology

Incorporated with Texas Instrument's most advanced DarkChip3 XGA DMD

■ 4300/4700 ANSI Lumens & 3000:1 Contrast Ratio

State-of-the-art optical/system design makes EP776/782 powerful in both brightness & image performance

■ Ultra-Wide Range of Throw Ratio for All Large Venue Applications

Master Lens: 1.57 ~ 1.89:1

Master Lens + Short Throw Add-on Lens (Option): 1.3 ~ 1.57:1

Master Lens + Long Throw Add-on Lens (Option): 2.04 ~ 2.46:1

■ Comprehensive Connectivity

2 independent Digital-In (HDMI & DVI) + 2 independent Analog-In (VGA) + 6 independent Audio-In + 12V relay output + others

■ Dual Support Network Management & Central Control

RJ45 & RS232 connections with projector ID programmable

■ Built-in Wireless Solution (Option)

IEEE 802.11b/g

■ Installation/Maintenance/Environment Friendly

Height of 4 supporting feet all adjustable

Easy lamp replacement from top cover

Green Design (RoHS Compliant) / Auto shut-down timer while no signal to save lamp life & energy

■ All New Definition of User Friendly

Built-in Optoma proprietary air purifier system for sterilization & deodorization during projector operation

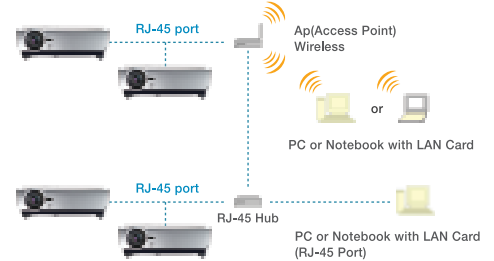
* Please contact local dealer to check Wireless Projector System availability.



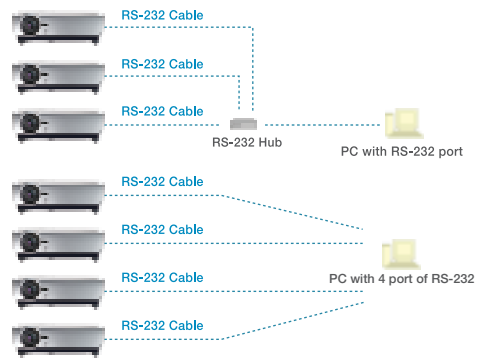
Specification	EP776	EP782
Display Technology	TI DLP® technology / 0.7" XGA DarkChip3 DMD Chip	
Resolution	Native XGA(1024x768), Computer capability up to UXGA(1600x1200)60Hz	
Brightness	4300 ANSI Lumens	4700 ANSI Lumens
Contrast Ratio	3000:1	
Displayable Colors	134.2 million colors	
Projection Lens	F# 2.52 ~ 2.79, f = 22.55 ~ 27.06mm; Short Throw 1.2x Manual Zoom / Focus Lens	
Projection Image Size	39.1 ~ 313.5 inches	
Projection Distance	1.5 ~ 10 meters	
Throw Ratio	1.57 ~ 1.89:1 (distance/screen width)	
Keystone Correction	± 18°(vertical)	
Aspect Ratio	4:3 Native, 16:9 Compatible	
Scan Rate	Horizontal: 15 ~ 91KHz; Vertical: 50 ~ 85 Hz	
PC Compatibility	UXGA, SXGA+, XGA, SVGA, VGA, VESA standards PC signal & Macintosh compatibles	
Video Compatibility	HDTV(480p, 576p, 720p, 1080i/p), SDTV(480i,576i), Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM,HDMI(480i/p, 576i/p, 720p, 1080i/p)	
Input / Output Connections	HDMI(support audio input)x1, DVI-D(support HDCP)x1, VGA1(YPbPr/RGB/SCART)x1, VGA2(YPbPr/RGB)x1, S-Video x1, Composite Video x1, Audio input x 6(For DVI-D/VGA1/VGA2/S-Video/Video/HDMI), VGA output x1, Audio output x1, +12V Relay output x1, USB Port(For USB remote mouse control/service)x1, RS-232 interface x1, IR receivers(front and top)x2, RJ45(LAN for network control interface)x1	
Uniformity	85 %	
Lamp Type	280-watt replaceable lamp	330-watt replaceable lamp
Estimated Lamp Life	3000 hours(STD mode) / 2000 hours(Bright mode)	
Speaker	3W speaker x2	
Power Supply	AC input 100 ~ 240V; 50/60 Hz	
Weight	5kg / 11lbs	
Operational Noise	28dB(STD mode)	30dB(STD mode)
Dimensions (WxDxH)	398mm x 295mm x 132mm	

NETWORK MANAGEMENT

Control plural EP776/EP782 by wireless and wire via RJ-45 port in EP776/EP782

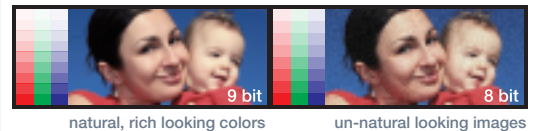


Control plural EP776/EP782 by wire via RS-232 hub or directly with projector ID in EP776/EP782



9 BIT COLOR PROCESSING

The new 9 bit color processing technology increases the number of colors that can be displayed from 16 millions to over 1 billion.



BUILT-IN TiO₂

Built-in TiO₂ photocatalyst air refresher to secure and maintain a healthy indoor environment



EP776/782 Connections

- | | |
|------------------------|-------------------------------|
| 01. 12V Relay | 07. VGA1 in w/Audio in |
| 02. Video w/Audio in | 08. DVI-D w/Audio in |
| 03. S-Video w/Audio in | 09. USB |
| 04. VGA out | 10. HDMI(support Audio Input) |
| 05. Audio out | 11. RS 232 |
| 06. VGA2 in w/Audio in | 12. RJ 45 |



Projection Distance (meter) / Image Size(4:3 diagonal inch)

Projection Distance	Maximum Image	Minimum Image
1.5	47.0	39.1
2.0	62.7	52.1
2.5	78.4	65.1
3.0	94.0	78.1
4.0	125.4	104.2
5.0	156.9	132.0
6.0	188.7	156.2
7.0	219.4	182.3
8.0	250.8	208.3
9.0	282.1	234.4
10.0	313.5	260.4

For guide purposes only

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