

EP755/753/750 Digital DLP Projectors

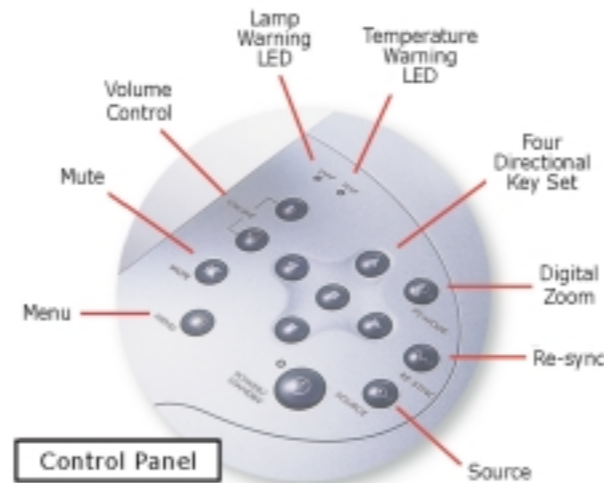
EP755/753/750 Digital DLP Projectors

Specifications

Display Resolution	Digital Light Processing DLP™ Technology by Texas Instruments EP755-Native XGA (1,024 x 768), SXGA (1,280 x 1,024) compressed EP753-Native XGA (1,024 x 768), SXGA (1,280 x 1,024) compressed EP750-Native SVGA (800 x 600), XGA (1,024 x 768) compressed
Computer Compatibility	IBM PC and Compatibles, Apple Macintosh, iMac, NEC PC98 Series, Fujitsu FM Towns, and VESA Standards EP755 - SXGA, XGA, SVGA, VGA (resizing) EP753 - SXGA, XGA, SVGA, VGA (resizing) EP750 - XGA, SVGA, VGA (resizing)
Video Compatibility	EP755 - HDTV (480i/p, 576i/p, 720p, 1080i) EP753 - HDTV (480i/p, 576i/p, 720p, 1080i) EP750 - HDTV (480i/p, 576i/p, 720p) Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM
Aspect Ratio	4:3 Native, 5:4 / 16:9 Compatible
Contrast Ratio (Peak)	EP755/753/750-600:1
Displayable Colours	16.7 million colours
Brightness (Peak)	EP755-2,000 ANSI Lumens EP753-1,600 ANSI Lumens EP750-1,600 ANSI Lumens
Projection Lens	F/2.44 ~ 2.69, f = 28.8 ~ 34.5mm, 1:1.2 Manual Zoom and Manual Focus
Projection Screen Size	22 (0.55m) ~ 305 (7.7m) Diagonal
Projection Distance	3.7 (1.1m) ~ 40.7 (12.4m)
Horizontal Scan	15 ~ 100khz
Vertical Refresh Scan	43 ~ 120Hz
Lamp Type	EP755/753/750-200 W User Replacement UHP Lamp
Lamp Life (Typical)	2,000 hours
Keystone Correction	+ / - 16 degrees
Audio	2 Internal Speakers, each with 3 watts output
Weight	6.4lbs (2.9 kgs)
Dimension (WxDxH)	10.9 x 8.9 x 3.3 inches (277 x 225 x 85mm)
Remote Mouse Control	Remote Control with Mouse Function & Laser Pointer
Power Supply	AC input 100-240v, 50-60 Hz
Power Consumption	320 Watts
Operation Temperature	OIC ~ 40°C / 32°F ~ 104°F
Noise Level (Peak)	32 dB in Normal Operation
Uniformity	90%
PC I/O	Input: 1 HDB 15-pin D-sub (Component Video/HDTV input port) 1 DVI Connector 1 Audio Mini Jack (15-pin D-SUB) 1 Audio Mini Jack (DVI) Output: 1 Mini D-SUB 15-pin (Monitor Loop Through) 1 Audio Mini-Jack (Monitor Loop Through)
VIDEO I/O	1 Mini DIN (S-Video Input Connector) 1 RCA Jack (Composite Video Input Connector) 1 Audio Mini Jack (S-Video/Composite Video)
Remote Mouse I/O	1 Remote Mouse Port
Communication I/O	1 RS-232
Warranty	Three (3) years Limited Warranty, Parts and Labour; 90 days on Lamps
Standard Accessories	Lens Cover, AC Power Cord, 15-pin VGA Signal Cable (1.8M) S-Video Signal Cable, Composite Video Cable (RCA to RCA), Mini Phone Jack to Stereo RCA Audio Cable, Mini Phone Jack to Mini Phone Jack Audio, Y Cable for Remote Mouse Cable (Support USB/Com Port), RS-232 Cable, Wireless Remote Control with Mouse Function and Laser Pointer, AA Type Batteries x 2, Soft Handle Carry Bag, CD + Quick Start Card for User Manual, Warranty Card
Optional Accessories	Ceiling Mount Kit w/5M Cable, 15-Pin D-Sub to HDTV/Component Cable (1.8M), 30pin-DVI Signal DVI to DVI Cable (1.8M)



Remote Mouse



Control Panel



Onboard I/O Ports

- Dual Mini-Jack Audio Inputs
- RS232 for ext. control device
- Audio Input from TV/VCR/DVD
- Composite Video Input
- Computer DVI Input
- Dsub15 Input for Analogue Computer & Component Video Input
- Mini Jack Audio Output
- Monitor Loop Through
- Mouse Port (USB adaptor)



On-Screen Display

- Multi-Language Operation Manual
- Projector Management
- Projection Image Control
- Audio Control



Optoma Europe Ltd - 6 Millfield House, Woodshots Meadow, The Croyley Centre, Watford, Hertfordshire. WD18 8SX. UK. Tel: +44 1923-691-800 Fax: +44 1923-691-888

Optoma Deutschland GmbH - Werftstrasse 25 4, 49 Dusseldorf, Germany. Tel: +49 211-506667-0 Fax: +49 211 506667-99

www.optomaeurope.com



EP755/753/750 projectors

perform like much larger projectors, yet their small size and weight mean you can take them anywhere. The Optoma EP750 Series projectors are the first micro-portables to have reached a combination of such high brightness, high contrast ratio and full HDTV video display capability (480p 480i, 720p 1080i) while weighing only 2.9kg. DLP™ technology by Texas Instruments offers crystal clear images with superior quality. The brightest of them is the EP755 which

offers 2,000 ANSI lumens, while the EP753 and the EP750 are both rated at 1,600 ANSI lumens. The Optoma EP755 and EP753 feature a native XGA (1024x768) resolution compressible to SXGA (1280x1024). The EP750 features a native (800x600) resolution compressible to XGA (1024x768). They all display 16.7 million colours in either 4:3 aspect ratio (native) or 16:9 (compatible) aspect ratio and support HDTV function, another demonstration of their versatility.

EP755
Full Featured Projector
▶ 2,000 ANSI lumens (Peak)
▶ Native 1,024 x 768 XGA resolution
▶ Superior Contrast ratio 600:1
▶ 2.9kg Lightweight Flat Design
▶ 32 Decibels, near silent noise level
▶ HDTV Compatible

EP753
Multitask High Performance Projector
▶ 1,600 ANSI lumens (Peak)
▶ Native 1,024 x 768 XGA resolution
▶ Superior Contrast ratio 600:1
▶ 2.9kg Lightweight Flat Design
▶ 32 Decibels, near silent noise level
▶ HDTV Compatible

EP750
Most Economical Power House
▶ 1,600 ANSI lumens (Peak)
▶ Native 800 x 600 SVGA resolution
▶ Superior Contrast ratio at 600:1
▶ 2.9kg Lightweight Flat Design
▶ 32 Decibels, almost silent noise level
▶ HDTV Compatible

The Optoma EP755... offers better on-board audio, higher contrast, and nearly silent fan noise.

- Evan Powell, ProjectorCentral.com

■ Superior Engineering

- Extremely High Contrast Ratio up to 1500:1
- Brightness up to 2500 ANSI Lumens
- Advanced Anti-Reflective Lens Coating
- Full HDTV Compatibility
- Integrated On-Board I/O
- Dual Computer Inputs
- Monitor Loop Through
- RS-232 Communication Port

■ Near Silent (32db) Operation

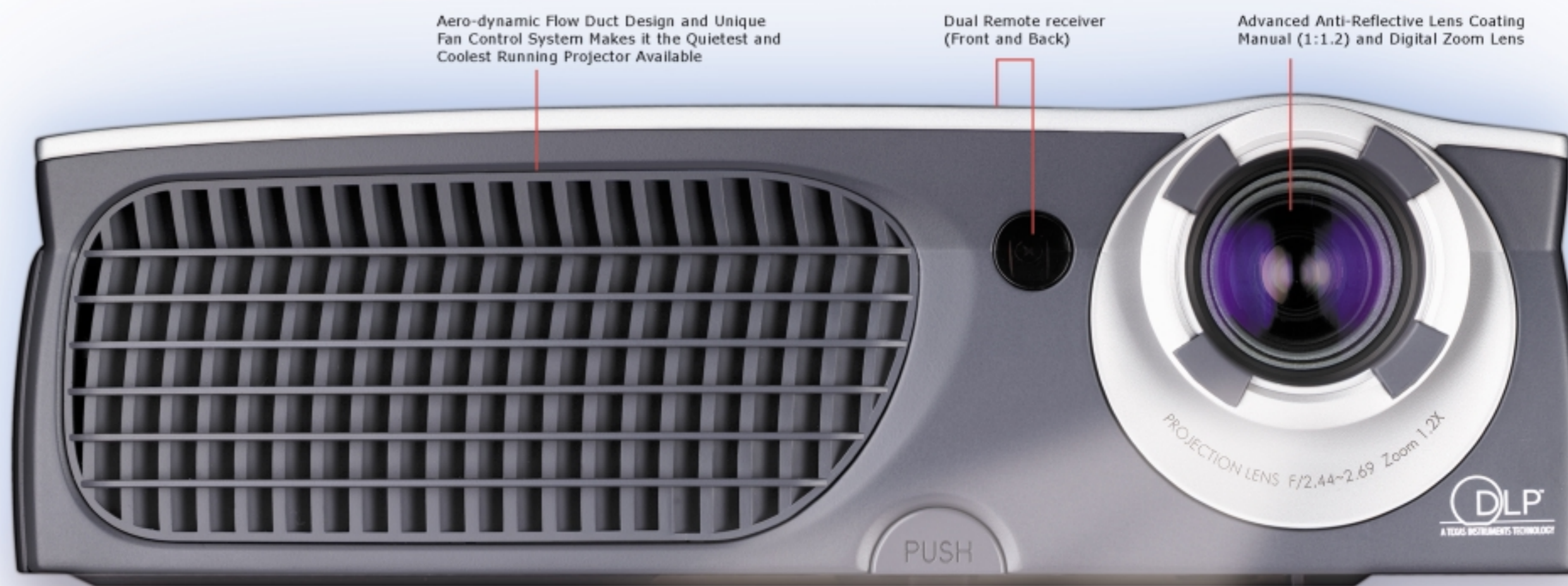
- Aero-Dynamic Design (Low Resistance/Extremely Efficient Air Flow Duct System)
- Anti-Vibration Technology (To Reduce Noise from Fans and Colour Wheel)
- Advanced Fan Speed Control System (Maximise Air Flow, Energy Efficiency, & Lamp Life)

■ Uncompromising Style

- Sophisticated Industrial Design
- Magnesium Alloy Featuring:
 - Enhanced Durability
 - Better Heat Dissipation
 - Ultra Light Weight
- Dual Remote receiver (front & back)
- Manual (1:1:2) and Digital Zoom Lens
- Compact Remote with Laser Pointer
- Stylish Touch Panel
- Ez-Navigate User's Menu
- Ez-Elevation Button Varies Screen Heights
- Durable and Deluxe Carrying Case

■ Full HDTV Compatibility

- Progressive Scan Component DVD - 480P
- VCR with Component Output - 480I
- Satellite with True HDTV Output - 720p, 1080i
- Supports both 4:3 and 16:9 aspect ratio



Optoma is continuing to raise the bar of excellence in projector performance.

- Paul Pirner, InfoComm News & Information Network



Powered with DLP™ technology by Texas Instruments, our projectors give you crystal clear images with sharper quality