

H31 | Home Theater Projector



H31 – Award Winning Big Screen Brilliance.

H31 features DarkChip2™ DLP™ technology by Texas Instruments™ and 16:9 aspect ratio to deliver an authentic movie theater experience within the comfort of your home. H31 is fully compatible with 480i, 480p, 720p and 1080i in both YPbPr and DVI-HDCP inputs. Its 850 lumens and 3,000:1 contrast ratio give you ideal home theater brightness and superior color reproduction. HD scaling enhancements, quick zoom, adjustable memory settings and digital lens shift give the H31 unmatched flexibility and precision for any projector in its class.

FEATURES

- **Advanced DarkChip2™ DLP™ technology** by Texas Instruments for superior cinema home theater
- **Fully HDTV compatible** with 720p, 1080i and DVI-HDCP output for maximum clarity
- **850 lumens / 3000:1 contrast** for superior image
- **Advanced HD Scaling enhancement** technology for superior high definition reproduction
- **Multiple Quick ZOOM Presets** 1.85:1, 1.66:1, 2.35:1, 4:3 to 16:9
- **Digital lens shift** with 2 positional memories
- **Four-speed, six-segment color wheel** for superior color
- **5 separate user adjustable memory settings**
- **Automatically preset reloading** whenever input signal resolution changes



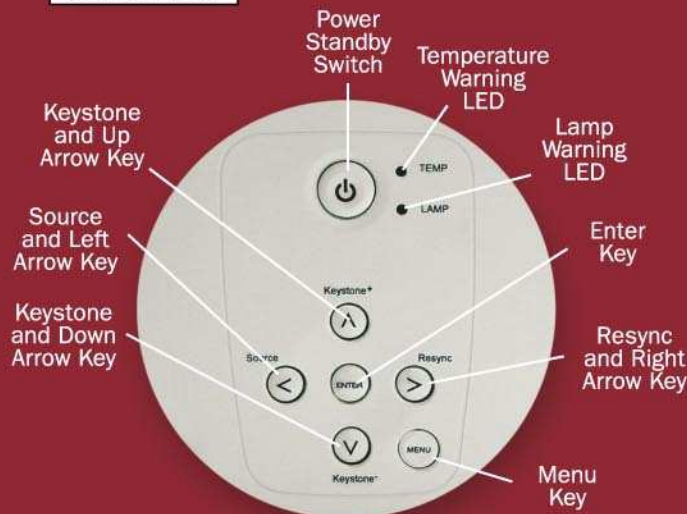
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Specifications

Display Technology	Single 0.54-inch 12-degree DarkChip2™ DLP™ technology by Texas Instruments
Brightness	850 lumens (typical)
Weight	5 pounds (2.2 kg)
Resolution	480p (854 x 480) native SXGA (1,280 x 1,024) compressed
Dimensions (WxHxD)	10.7 x 3.4 x 8.3 inches (272 x 86 x 211 mm)
Contrast Ratio	3,000:1 (full on/full off)
Noise Level	32 dB standard (typical)
Lamp Type	200-watt P-VIP lamp
Lamp Life	2,000 hours Brightmode™ / 3,000 hours STD
Image Size	28 to 304 inches (0.7 to 7.7 meters) diagonal
Projection Distance	3.9 to 39.4 feet (1.20 to 12 meters)
Computer Compatibility	SXGA, XGA, SVGA, VGA compression, VESA standards, PC & compatibles, Macintosh
Video Compatibility	NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L), HDTV (720p, 1080i)
Aspect Ratio	16:9 native at 480p (854 x 480), 4:3 compatible
Projection Lens	f = 19.7 – 23.6 mm, F/2.4 – 2.7 manual focus and zoom
Keystone Correction	± 16 degrees
Throw Ratio	1.65 to 2.0 (distance/width)
Horizontal Scan Rate	15 to 70 kHz
Vertical Refresh Rate	43 to 85 Hz
Power Supply	100-240 volts, 50-60 Hz
Power Consumption	270 watts (maximum), standby mode 5 watts
Operating Temperature	50 - 104°F (10 - 40°C) (80% humidity)
Displayable Colors	16.7 million, 256 shades of gray
Projection Method	Front/rear/ceiling mount/table-top
Uniformity	90%
I/O Connectors	DVI-H with HDCP RCA Component (YPbPr), S-Video, composite video (RCA), two IR receivers, AC power input, RS-232
Standard Accessories	Composite video cable, S-video cable, Remote control, battery for remote, lens cap, User Manual, quick start guide, warranty card, Power Cord
Warranty	Limited 2 yr. warranty, 90 day lamp warranty, zero dead pixel 2 yr. warranty
Optional Accessories	Ceiling mount kit, HDMI to DVI adapter, carrying case
UPC code	796435 11 582 1

Control Panel



I/O Ports



Screen Size

PROJECTION DISTANCE/IMAGE WIDTH		
Projection Distance (feet)	Minimum Width (inches)	Maximum Width (inches)
6	36.00	43.64
7	42.00	50.91
8	48.00	58.18
9	54.00	65.45
10	60.00	72.73
11	66.00	80.00
12	72.00	87.27
13	78.00	94.55
14	84.00	101.82
15	90.00	109.09

Dimensions



AVAILABLE AT



Optional Accessories

Bering™ Ceiling Mount



Data-H31-001

ProSelecta

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