GYGAR

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Portable Projector

Series

LM 32 / LM 34 / LM 36



LM New Series are multifunction models of diverse utilities including education, business and home entertainment. By developing inorganic 3LCD panel's 4:3 for 0.63 panel, the series deliver sharp and brilliant image with high brightness up to 3600/5000 Ansi Lumens. Optimized cooling and dust proof design with noise under 32 dB in eco mode make LM Series energy saving and environmental friendly in operation.

- 3LCD Technology
- Direct power on/off
- Auto keystone correction
- 1/4 ~ 16 Digital Zoom
- High Contrast 10000:1
- Top drawer lamp replacement
- Image Blank, Freezing
- Auto Synch and Search
- RJ45 network control
- Support WXGA, UXGA and Mac Resolution
- Multiple projection made : dynamic, standard, theatre and color board

HDMI

10000:1 High Contrast

ECO Mode 5000 hours

AUTO Power Off

PORTABLE PROJECTOR

Features

1. Digital zoom 1/4 ~ x16
2. Auto setup : Input search, auto pc auto vertical keystone
3. Password protections
4. Control panel lock
5. Security bar & Kenginston lock
6. Picture mode : Dynamic, standard, Cinema, Blackboard, Colorboard
7. Lamp Mode : Eco, Normal, Super Eco
8. Quick cooling & Direct power on/off
9. Closed caption
10. Film mode

OSD Languages

English, German, French, Italian, Spanish
Polish, Swedish, Dutch, Portugese, Japanese
Simplified Chinese, Korea, Russian, Arabic
Turkish, Finnish, Norwegian, Danish, Hungarian
Czech, Kazak, Vietnamese, Thai
(23 Languages)

Standard Accessaries

User Manual (CD), Power Cord,
Remote Control & Battery, VGA Cable

Projection Chart

Image Size	4:3			16:9		
(SD) Screen Diagonal	Mininum Projection Distance	Largest Projection Distance	(H) Height	Mininum Projection Distance	Largest Projection Distance	(H) Height
30	0.887	1.069	0.065	0.967	1.166	0.009
40	1.190	1.433	0.087	1.298	1.562	0.012
50	1.493	1.797	0.109	1.628	1.959	0.015
60	1.797	2.161	0.131	1.959	2.356	0.018
70	2.100	2.525	0.152	2.290	2.752	0.021
80	2.404	2.889	0.174	2.620	3.149	0.024
90	2.707	3.253	0.196	2.951	3.546	0.027
100	3.010	3.617	0.218	3.281	3.943	0.030
120	3.615	4.345	0.261	3.940	4.736	0.036
150	4.527	5.438	0.327	4.933	5.926	0.044
200	6.044	7.258	0.435	6.586	7.909	0.059
250	7.559	9.078	0.544	8.238	9.892	0.074
300	9.077	10.899	0.653	9.891	11.876	0.089

Image Size	16:10		
(SD) Screen Diagonal	Mininum Projection Distance	Largest Projection Distance	(H) Height
30	0.941	1.134	0.029
40	1.263	1.520	0.038
50	1.584	1.906	0.048
60	1.906	2.292	0.058
70	2.228	2.678	0.067
80	2.549	3.064	0.077
90	2.871	3.450	0.087
100	3.192	3.836	0.096
120	3.833	4.608	0.115
150	4.800	5.766	0.144
200	6.408	7.695	0.192
250	8.016	9.625	0.240
300	9.623	11.555	0.288

SPECIFICATIONS	Education	Education	Professional
Description	**LM 32**	**LM 34**	**LM 36**
Display Technology	Liquid Crystal Display Panel		
Display Panel	0.63" TFT active matrix type, 3 panels		
Brightness (ANSI Lumens)	3600	4500	5000
Native Resolution	XGA (1024x768)		
Contrast Ratio	10000 : 1		
Projection Lens	F:1.6 ~1.76, 1.2x optics, f=19.158 ~23.018mm	F:2.1 ~2.25, 1.2x optics, f=19.109 ~22.936mm	F:2.1 ~2.25, 1.2x optics, f=19.109 ~22.936mm
Screen Size	0.888~10.937m (30"~300")	0.887~10.899m (30"~300")	0.887~10.899m (30"~300")
Uniformity	80%		
Throw Ratio	70" @ 2.104M	70" @ 2.1M	70" @ 2.104M
Throw Distance	N/A		
Aspect Ratio	4:3 (Standard) / 16:9 (Compatible)		
Keystone Correction	V : ±30° (Auto) / H : ±15° (Manual)		
I/O Port			
- Computer (Input)	Mini D-Sub 15 pin x 2		
- Computer (Output)	Share with VGA in 2 x 1		
- Component Pb/Cb,Pr/Cr/Y	Share with VGA port		
- C-Video	x 1		
- S-Video (Input)	Share with VGA port		
- Mini Jack Audio (Input)	Mini Jack, 3.5mm x 1		
- Mini Jack Audio (Output)	Mini Jack, 3.5mm x 1		
- Audio L/R (Input)	RCA type x 2		
- RS232	D-Sub 9 pin x 1		
- RJ45	x 1		
- HDMI	x 1		
- USB Type A	JPEG reader x 1		
- USB Type B	Display x 1		
PC Compatibility	VGA, SVGA, XGA, SXGA, WXGA, UXGA, Mac		
Video Compatibility	PAL,SECAM,NTSC 4.43,PAL-M, PAL-N, 480i,480p,576i,576p,720p,and 1080i		
Image Size (Diag.)	30" ~ 300"		
Lamp	USHIO 235W		
Lamp Life (Normal/Economic)	3000 / 5000 (Eco) / 10000 (Super Eco)		
Net Weight	N/A		
H - frequency	15 ~ 100 KHz		
V - frequency	48~85Hz		
Speaker	1 x 10W	1 x 10W	1 x 2W
Standby Power	< 0.5W		
Power Consumption	Max 300W		
Power Supply	100V – 240V @ 50-60 HZ		
Operating Temp.	5 °C ~ 40 °C (over 35° Go to Eco mode)		
Store Temp.	-10 °C ~ 60 °C		
Noise (dB)	Super Eco < 29db (1m)		
Warranty	2 years, Lamp warranty 1 year or 1,000 hrs whichever comes first		

* Feature and Specifications are subject to change without notice.

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