GYGAR

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Portable Projector

Series

LM 30 / 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 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
- 0 ~ 33 Step Digital Zoom
- High Contrast 10000:1
- Top drawer lamp replacement
- Image Blank, Freezing
- Auto Synch and Search
- RJ45 network control
  (supporting 1 computer for controlling 4 projectors and 4 computers deliver images to 1 projector)
- Support WXGA, UXGA and Mac Resolution
- Auto keystone correction
  (including conner correction and curved correction)
- Multiple projection made : dynamic, standard, theatre and color board
- Direct Power on / off

USB LAN HDMI 10000:1 High Contrast ECO Mode 5000 hours AUTO Power Off

PORTABLE PROJECTOR

Features

1. Digital zoom 0~33 Step
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

WiFi External :

Wireless LAN Adaptor Supports connection
from computer direct to projector.



SPECIFICATIONS

Description	Education LM 30	Education LM 32	Education LM 34	Professional LM 36
Display Technology	Liquid Crystal Display Panel			
Display Panel	0.63" TFT active matrix type, 3 panels			
Brightness (ANSI Lumens)	3200	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	
Screen Size	0.888~10.8m (30"~300")	0.888~10.937m (30"~300")	0.887~10.899m (30"~300")	
Uniformity	80%			
Throw Ratio	70" @ 2.1M			
Aspect Ratio	4:3 (Standard) / 16:9 (Compatible)			
Keystone Correction	V : ±30° (Auto)	V : ±30° (Auto) / H : ±15° (Manual), Pin cushion Barrel correction ±40° (manual)		
I/O Port				
- Computer (Input)	Mini D-Sub 15 pin x 1	Mini D-Sub 15 pin x 2		
- Computer (Output)	x 1	Share with VGA in 2 x 1		
- 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			
- Lan Display	NO	- Support 4 computer delives images to 1 projector - Computer display to many projectors		
- Wifi Display	NO	Support Wifi (option : Wifi adaptor device is required)		
- RJ45	NO	x 1		
- HDMI	x 1			
- USB Type A	NO	JPG, PDF, movies with sound reader x 1		
- USB Type B	NO	Display x 1 (from computer)		
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)	4000 (Normal) / 6000 (Eco) / 10000 (Super Eco)			
H - V frequency	15 ~ 100 KHz			
V - frequency	48~85Hz			
Speaker	10 Watt			
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)			
Dimension	355 x 250 x 87 mm.			
Net Weight	2.887 KG.			
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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