

# DIGITAL PROJECTOR | MH740

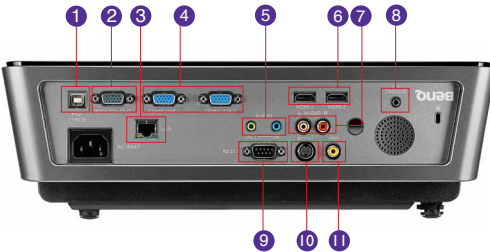


## Features

- Full HD (1920x1080) Resolution
- 4,000 ANSI Lumens; 11,000:1 Contrast Ratio
- Big Zoom Ratio: 1.5x
- SmartEco™ Power Saving Technology
- 3D PC & Blu-Ray Ready



## Input and Output Terminals



- |                              |                             |
|------------------------------|-----------------------------|
| 1 USB (Type B)               | 7 Audio L/R In (RCA)        |
| 2 Monitor Out (D-sub 15pin)  | 8 DC 12V Trigger            |
| 3 LAN (RJ-45)                | 9 RS232 (DB-9pin)           |
| 4 Computer-1/2 (D-sub 15pin) | 10 S-Video (Mini DIN 4-pin) |
| 5 Audio In/Out (Mini Jack)   | 11 Composite Video in (RCA) |
| 6 HDMI -1/2                  |                             |

## Specifications

Projection System	DLP®
Native Resolution	Full HD (1920x1080)
Brightness	4000 ANSI Lumen
Contrast Ratio	11000:1
Display Color	1.07 Billion Colors
Lens	F=2.42~2.97, f=20.7~31.05mm
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)
Throw Ratio	1.378~2.067
Image Size Diagonal	26" ~ 300"
Zoom Ratio	1.5x
Lamp Type	310W
Lamp(Normal/Economic/SmartEco)*	2500/3000/3500 hours
Keystone Adjustment	1D, Vertical +/- 40 degrees
Projection Offset	Vertical: 130% ±5%
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)
Horizontal Frequency	15K-102KHz
Vertical Scan Rate	23-120Hz
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM 3D Compatibility: Frame Sequential: Up to 720p Frame Packing: Up to 1080p Side by Side: Up to 1080i/p Top Bottom: Up to 1080p
Interface	Computer in (D-sub 15pin) x 2 HDMI x 2 Monitor out x 1 Composite Video in (RCA) x 1 S-Video in x 1 Audio in (Mini Jack) x 1 Audio in (L/R) x 1 Audio out (Mini Jack) x 1 Speaker 5W x 1 LAN(RJ-45) x 1 USB (Type B) x 1 DC 12V Trigger (3.5mm Jack) x 1 RS232 (DB-9pin) x 1 IR Receiver x 2 (Front + Rear)
Dimensions (WxHxD)	14.1" x 4.7" x 10.2" (w/ feet)
Weight	8.14 lbs (3.7 kg)
Power Supply	AC100 to 240 V, 50 to 60 Hz
Power Consumption	370W(Normal), 300W(Eco), Standby<0.5W
Audible Noise	38/33 dBA (Normal/Economic mode)
On-Screen Display Languages	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)
Picture Mode	Dynamic/Presentation/sRGB/Cinema/User 1/User 2
Accessories (Standard)	Carry Bag, Remote Control w/ Battery, User Manual CD, Lens Cover, Power Cord, VGA Cable, QSG, Warranty Card
Accessories (Optional)	Spare Lamp Kit P/N: 5J.J8805.001 Ceiling Mount P/N: 5J.J4N10.001 Carry Bag P/N: 5J.J4R09.001 Remote P/N: 5J.J8A06.001
UPC Code / Part #	8400460-2968-5 / 9H.JAT77.23A
Limited Warranty	3 Years Parts & Labor / 1 Year or 2000 Hours of Lamp Life

\*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.



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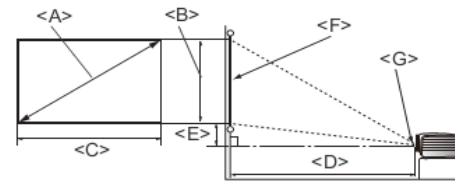
# MH740 Digital Projector

## Distance Chart

Installation for a 16:9 ratio screen

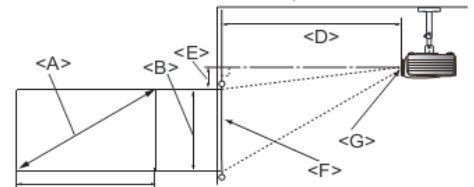
Image Size				Distance (inch)			Offset (inch)
Diagonal		Height (inch)	Width (inch)	Min distance	Average	Max distance	A (inch) @ Wide mode
Inch	mm						
50	1270	24.5	43.5	60.9	75.9	91.0	3.6
60	1524	29.4	52.1	73.1	91.2	10.8	4.4
70	1778	34.3	61.0	85.2	106.4	127.5	5.1
80	2032	39.2	69.7	97.4	121.6	145.7	5.8
90	2086	44.1	78.4	109.6	136.8	163.9	6.6
100	2540	49.0	87.1	121.8	152.0	182.1	7.4
110	2794	53.9	95.8	134.0	167.2	200.3	8.1
120	3048	58.8	104.6	146.2	182.4	218.5	8.8
130	3302	63.7	113.3	158.3	197.5	236.8	9.5
140	3556	68.6	121.8	170.5	212.7	255.0	10.3
150	3810	73.5	130.7	182.7	227.9	273.2	11.0
160	4064	78.4	139.4	194.9	243.1	291.4	11.7
170	4318	83.3	148.1	207.1	258.3	309.6	12.5
180	4572	88.2	156.8	219.3	273.6	327.8	13.2
190	4826	93.1	165.5	231.4	288.8	346.1	13.9
200	5080	98.0	174.3	243.7	304.0	364.3	14.7
250	6350	122.5	217.9	304.6	380.0	455.3	18.3
300	7620	147.1	261.4	365.5	456.0	546.4	22.0

### Floor Installation



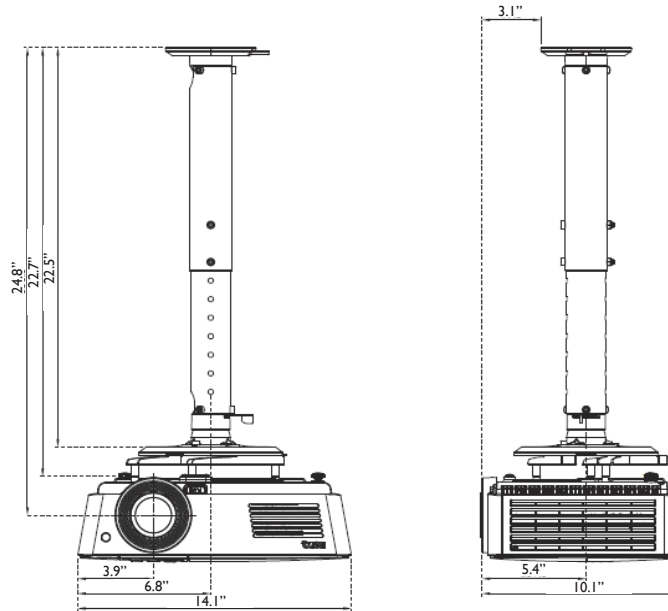
<F>: Screen      <G>: Center of lens

### Ceiling Installation



<F>: Screen      <G>: Center of lens

## Ceiling Mount Chart



Units: inch

## Dimensions

