



# LX-FH50

## High Brightness DLP® Home Theatre Projector

**5000 Lumen Brightness**  
with DLP® Technology



### Key Features

- Highest brightness delivered by high powered lamp design (5,000lm)
- High Quality Image by DLP® Technology
- High-definition 1920 x 1080 widescreen resolution with 10-Bit Deep Colour
- Supports 3D in Full HD 1080p (3<sup>rd</sup>-party DLP-Link certified accessories required)
- 1.6 x Zoom & Focus
- Dual HDMI, Component, Video and Analog-PC Inputs
- HDMI 1.4a with audio, HDCP 1.3
- Filter-less Design
- Warranty
  - Projector (2-Years)
  - Lamp (90 days / 300hrs)



# Specifications

|                           |   |  |
|---------------------------|---|--|
| Device                    | 0.65inch Full HD DMD (1920 x 1080) x 1                                  |  |
| Resolution                | 1920x1080   |  |
| Brightness                | 5,000 lm  |  |
| Lens                      | x1.6 Zoom & Focus : Manual; f=15.75~25.1 mm/F2.45~3.07                  |  |
| Projection Offset         | 55%-57.5% : Manual  |  |
| Projection Display Size   | Tele: 60"~150" ; Wide 60"~240"  |  |
| Light Source              | NSH 370W<br>(Lamp life:approx.2,500 hours when the lamp is in Eco mode) |  |
| Input Terminal            | HDMI  | 2(1.4a w/audio, HDCP, Deep color 10bit)                      |
|                           | Video   | 1(RCA)   |
|                           | S-Video   | 1(Mini DIN 4 pin)  |
|                           | Analog RGB/YPbPr  | 1(D-SUB 15pin)   |
|                           | Audio   | 2(mini jack/RCaX2)   |
|                           | Mic.  | 1(mini jack)   |
| Output Terminal           | Monitor out   | 1(D-SUB 15pin)   |
|                           | Audio out   | 1(mini jack)   |
| Control Terminal          | LAN   | 1(RJ45)  |
|                           | USB Type mini B   | 1 (download & page up/down)                                  |
|                           | USB Type A  | 1 (1.5A power supply)  |
|                           | 12V Trigger   | 1 (3.5mm jack, Stand-by mode is off)                         |
|                           | RS232C  | 1(D-SUB 9pin male)   |
| Speaker                   | 2(10W, Amp. 8W)   |  |
| Video Input Signal Format | Analog  | 480@60i/60p,576@50i/50p,720@50p/60p,1080@50i/60i/24p/50p/60p |
|                           | HDMI  | 480p,576p,720@50p/60p,1080@50i/60i/24p/50p/60p               |
|                           | Video/S-Video   | NTSC/ NTSC4.43/ PAL (Including PAL-M, PAL-N)/ SECAM/ PAL60   |
| PC Input Signal Format    | Analog  | VGA/SVGA/XGA/WXGA/WXGA+/SXGA/SXGA+/UXGA                      |
|                           | HDMI  | VGA/SVGA/XGA/WXGA/WXGA+/SXGA/SXGA+/UXGA                      |
| 3D Format(*1)             | Frame Packing   | 720@50P/60p,1080@24p   |
|                           | Side by Side  | 1080@50i/60i   |
|                           | Top & Bottom  | 720@50p/60p,1080@24p   |
| Power Consumption         | 594 W (stand-by : <0.5W, Network Stand-by : <3W)                        |  |
| Fan Noise                 | 34dB(When the lamp is in Eco mode)                                      |  |
| Power Requirement         | AC 100V~240V,50/60Hz  |  |
| Dimensions(W x H x D)     | 415 mm x 276 mm x 116 mm  |  |
| Wight (net)               | 4.9Kg (TBD)   |  |

\*1 : To view the 3D contents, 3D glasses of commercially available DLP-link is necessary.

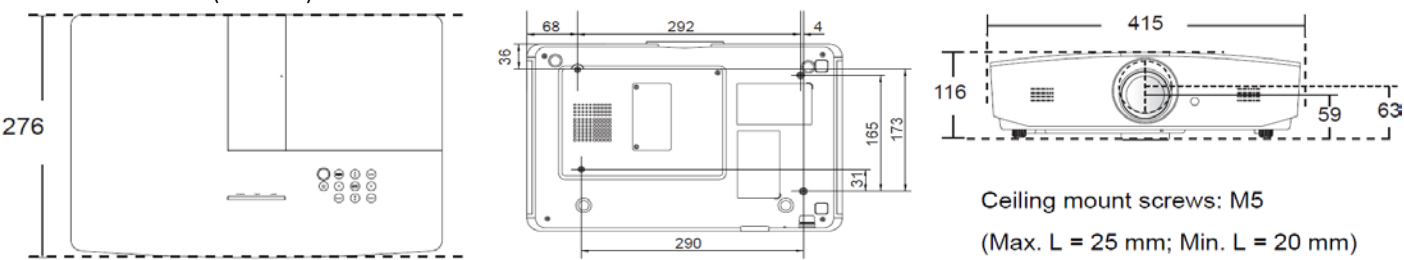
# Projection distance chart

| inch | Display size(16:9) |       | Distance |         |
|------|--------------------|-------|----------|---------|
|      | W(mm)              | H(mm) | Wide(m)  | Tele(m) |
| 60   | 1328               | 747   | 1.4      | 2.3     |
| 70   | 1550               | 872   | 1.7      | 2.6     |
| 80   | 1771               | 996   | 1.9      | 3.0     |
| 90   | 1992               | 1121  | 2.1      | 3.4     |
| 100  | 2214               | 1245  | 2.4      | 3.8     |
| 110  | 2435               | 1370  | 2.6      | 4.2     |
| 120  | 2657               | 1494  | 2.8      | 4.5     |
| 130  | 2878               | 1619  | 3.1      | 4.9     |
| 140  | 3099               | 1743  | 3.3      | 5.3     |
| 150  | 3321               | 1868  | 3.6      | 5.7     |
| 160  | 3542               | 1992  | 3.8      | 6.1     |
| 170  | 3763               | 2117  | 4.0      | 6.4     |
| 180  | 3985               | 2241  | 4.3      | 6.8     |
| 190  | 4206               | 2366  | 4.5      | 7.2     |
| 200  | 4428               | 2491  | 4.7      | 7.6     |
| 210  | 4649               | 2615  | 5.0      | 7.9     |
| 220  | 4870               | 2740  | 5.2      | 8.3     |
| 230  | 5092               | 2864  | 5.4      | 8.7     |
| 240  | 5313               | 2989  | 5.7      | 9.1     |

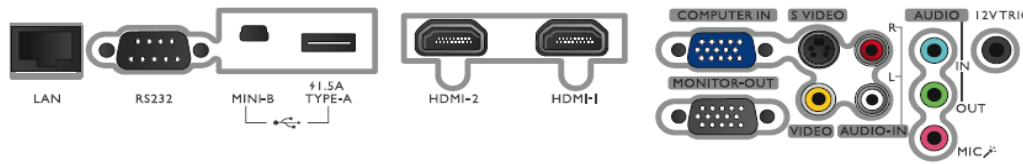
\*Projection distance are design specification, so there is ±5% variation.

**Option**  
Replacement lamp : PK-L3715UW

# Dimensions (Unit:mm)



# Terminal



- The projector is equipped with an ultra-high pressure mercury lamp which may break, emitting a loud noise, when subjected to shock or after it has been used for some length of time.
- Please note that, depending on how the projector is used, there can be considerable difference between individual lamps regarding how many hours they will operate before requiring replacement.
- An additional payment is required for installation of a new lamp, if necessary.
- The projector lamp requires periodic replacement and is not covered by warranty.
- Please be aware, because the projector is manufactured using highly advanced technologies, 0.01% or fewer of the pixels may be non-performing (always on or off).

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