



Digital Projector Quick Start Guide

LW855UST / LH856UST

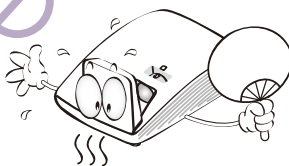
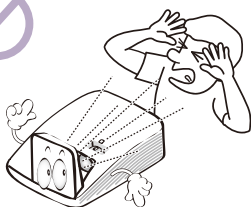
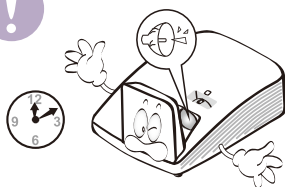
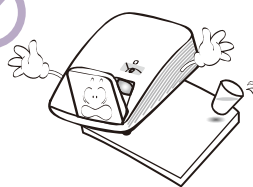
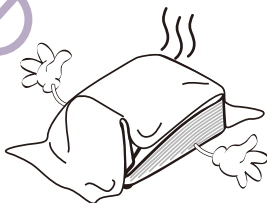
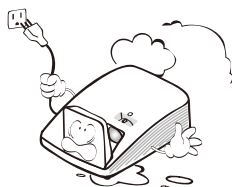
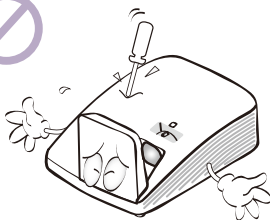
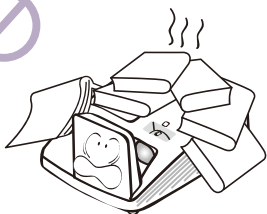
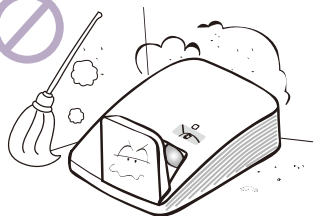
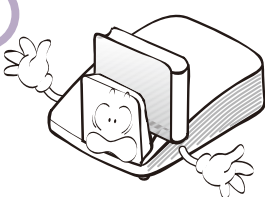
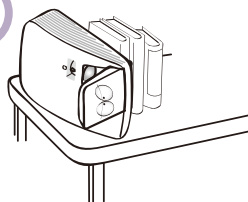
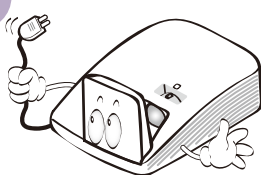
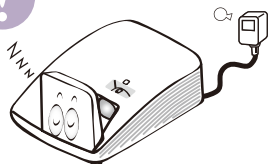
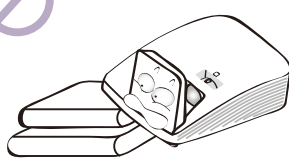
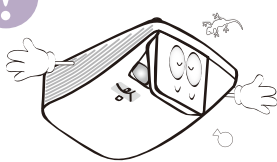
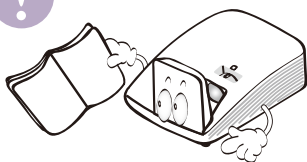
Guide de démarrage rapide du projecteur numérique
Digitaler Projektor Kurzanleitung
Guida rapida del proiettore digitale
Guía de inicio rápido del proyector digital
Guia de iniciação rápida ao Projetor Digital
Digital projektor snabbstartsguide
Краткое руководство по работе с цифровым проектором
Snelgids voor Digitale projector
Skrócona instrukcja obsługi projektora cyfrowego
Dijital Projektör Hızlı Başlangıç Kılavuzu
Průvodce rychlým používáním digitálního projektoru
คู่มือเริ่มต้นใช้งานดิจิทัลโปรเจคเตอร์อย่างย่อ
數位投影機快速使用指南
数字投影机快速使用指南
デジタルプロジェクタ クイック スタート ガイド
디지털 프로젝터 빠른 시작 안내서
دليل البدء السريع لجهاز عرض رقمي
Digitaalisen projektorin pikakäynnistysopas
Hurtig start-guide til digital projektor
Digital projektor – hurtigstartguide



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P/N: 4JJS101.001



Notice on laser

Caution – use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Do not point laser or allow laser light to be directed or reflected toward other people or reflective objects.

Direct or scattered light can be hazardous to eyes and skin.

There is a potential hazard of eye exposure to laser radiation if the included instructions are not followed.

Do not allow to look into the projector beam at any distance from the projector. An adult should supervise the children to prevent exposure risks.

Check that there is no one looking at the lens, when using the remote control for starting the projector.

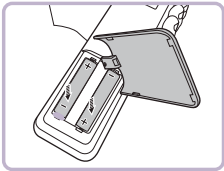
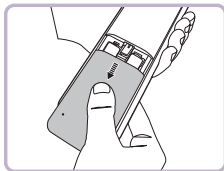
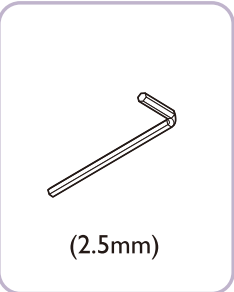
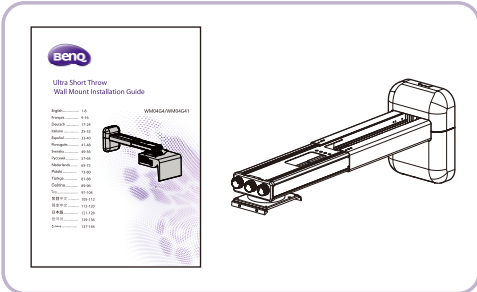
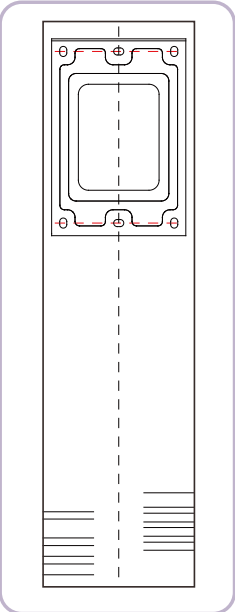
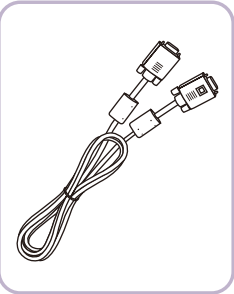
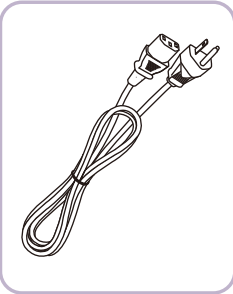
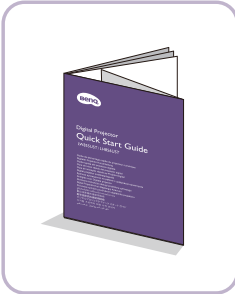
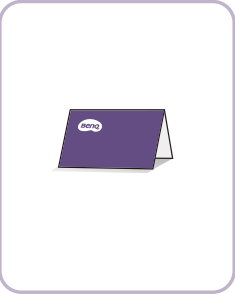
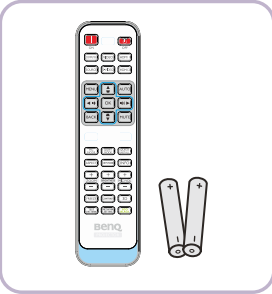
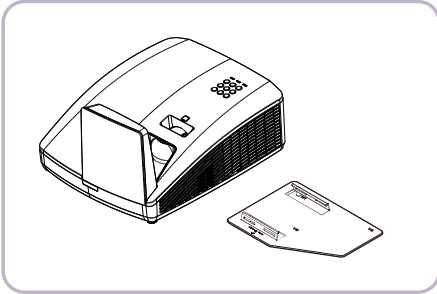
Do not look at the projected light using optical devices (binoculars, telescopes, magnifying glasses, reflectors, etc).

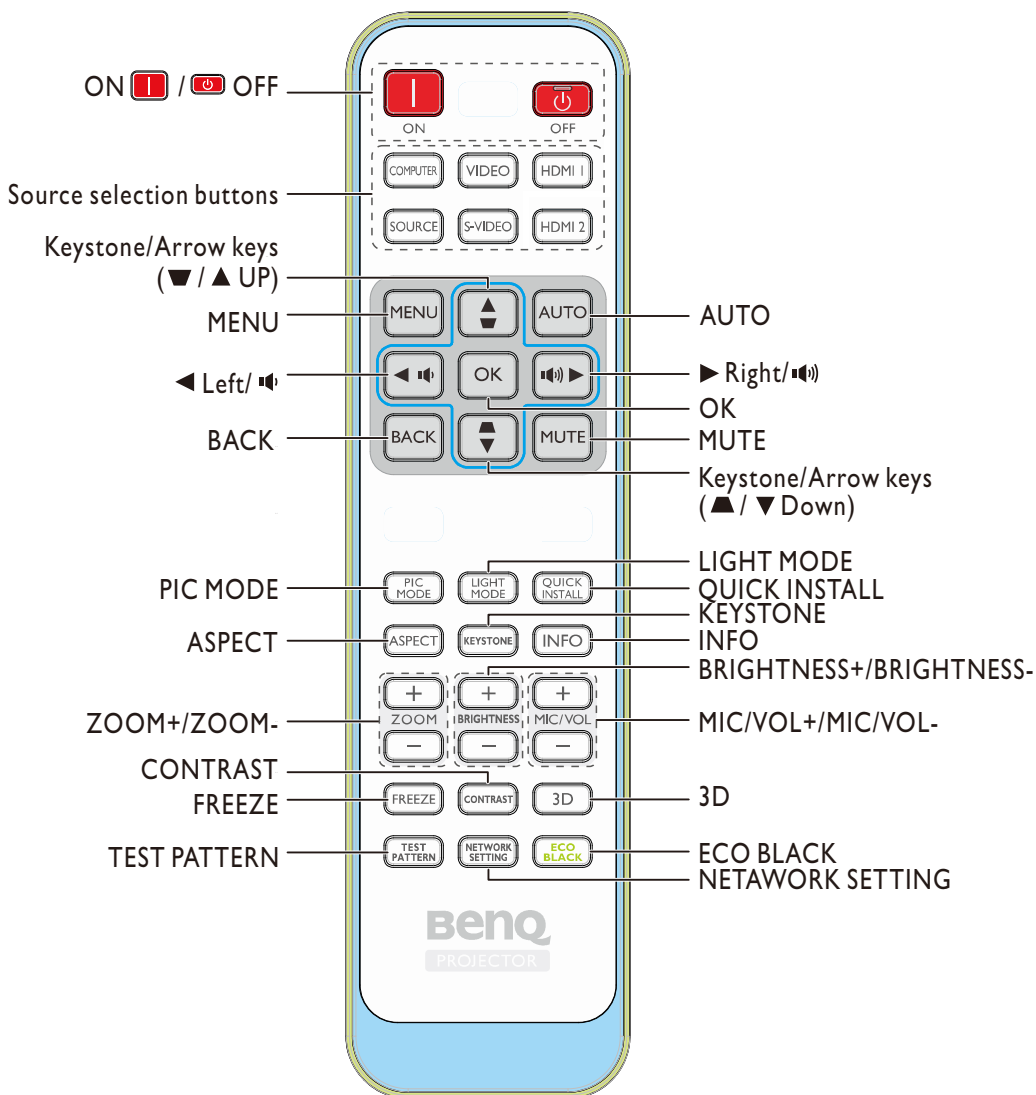
Laser class

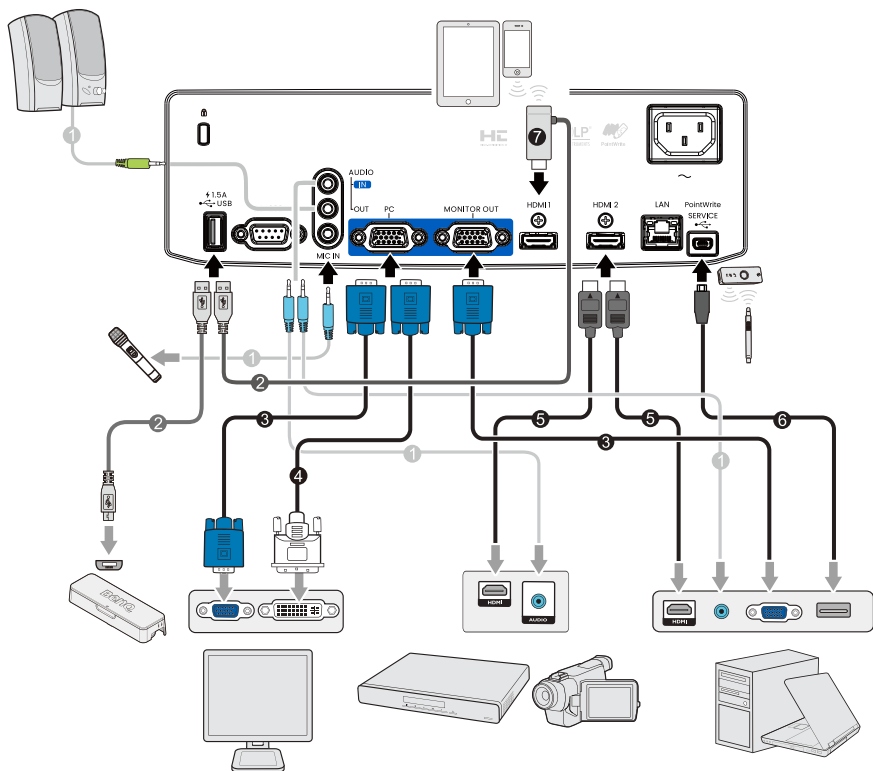
This Laser Product is designated as Class I and CONSUMER LASER PRODUCT: EN 50689:2021 during all procedures of operation and complies with IEC 60825-1:2014 and EN 60825-1:2014/A11:2021.

Laser parameters

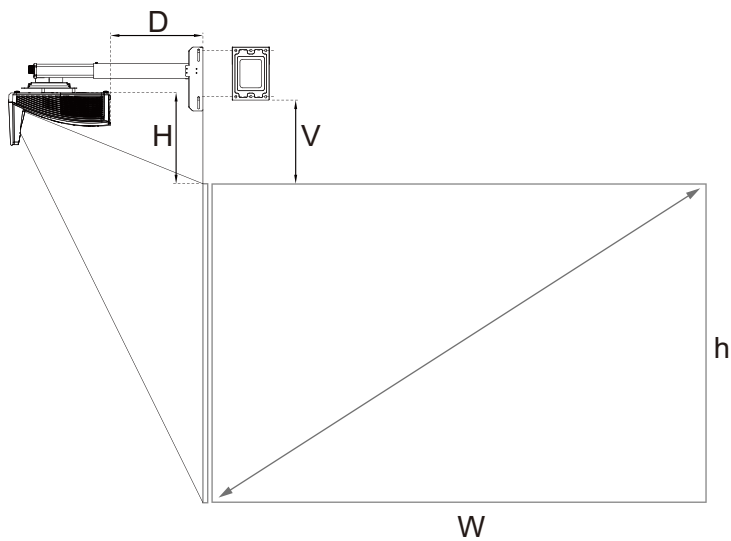
Wavelength	449nm - 461nm (Blue)
Mode of operation	Pulsed, due to frame rate
Pulse width	1.15ms
Pulse repetition rate	120Hz
Maximum laser energy	0.62mJ
Total internal power	>100w
Apparent source size	>10mm, at lens stop
Divergence	>100 mili Radian







Projection dimensions



LW855UST

The screen aspect ratio is 16:10 and the projected picture is 16:10.

WXGA

Screen size (Diagonal)		Screen width (W)		Screen height (h)		Projection distance (D)		Offset (H)		Scale parameter	Distance between Wall plate & projection screen (V)
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	mm	
80	2023	68	1723	42	1077	11.23	285.4	11.42	290.2	513	266.4
85	2159	72	1831	45	1144	12.72	323.1	11.98	304.3	550	280.5
87	2210	74	1874	46	1171	13.31	338.1	12.20	310.0	565	286.2
90	2286	76	1939	48	1212	14.20	360.8	12.54	318.4	588	294.6
92	2337	78	1982	49	1239	14.80	375.8	12.76	324.1	603	300.3
95	2413	81	2046	50	1279	15.69	398.4	13.09	332.6	626	308.8
97	2464	82	2089	51	1306	16.28	413.5	13.32	338.2	641	314.4
100	2540	85	2154	53	1346	17.17	436.1	13.65	346.7	663	322.9

LH856UST

The screen aspect ratio is 16:9 and the projected picture is 16:9.

1080P											
Screen size (Diagonal)		Screen width (W)		Screen height (H)		Projection distance (D)		Offset (H)		Scale parameter	Distance between Wall plate & projection screen (V)
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	mm	
89	2261	78	1970	44	1108	13.09	332.5	12.99	330.0	560	306.2
90	2286	78	1992	44	1121	13.38	339.8	13.11	333.0	567	309.2
95	2413	83	2103	47	1183	14.81	376.3	13.70	347.9	604	324.1
97	2464	85	2147	48	1208	15.39	390.9	13.93	353.9	618	330.1
100	2540	87	2214	49	1245	16.25	412.8	14.29	362.9	640	339.1
102	2591	89	2258	50	1270	16.83	427.4	14.52	368.8	655	345.1

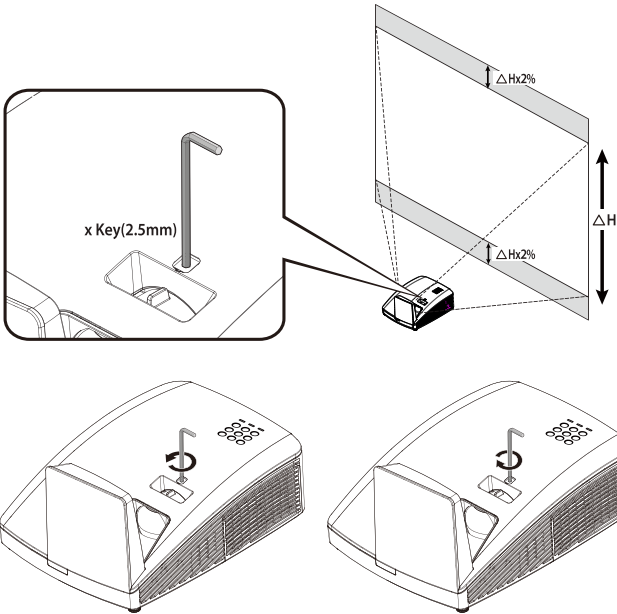
There is 5% tolerance among these numbers due to optical component variations. BenQ recommends that if you intend to permanently install the projector, you should physically test the projection size and distance using the actual projector before you permanently install it, so as to make allowance for this projector's optical characteristics. This will help you determine the exact mounting position so that it best suits your installation location.

It is recommended to adjust focus 15 minutes after powering on due to the slight shifting of the lens from temperature changing.



The above numbers are approximate and may be slightly different from the actual measurements. Only the recommended screen sizes are listed.
If your screen size is not in the table above, please contact your dealer for assistance.

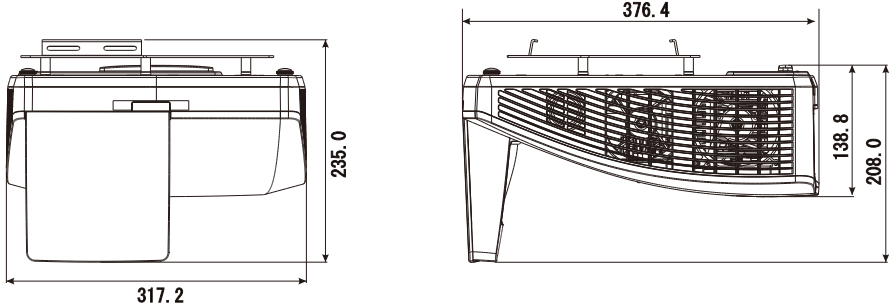
Limited lens shift specification (LW855UST only)



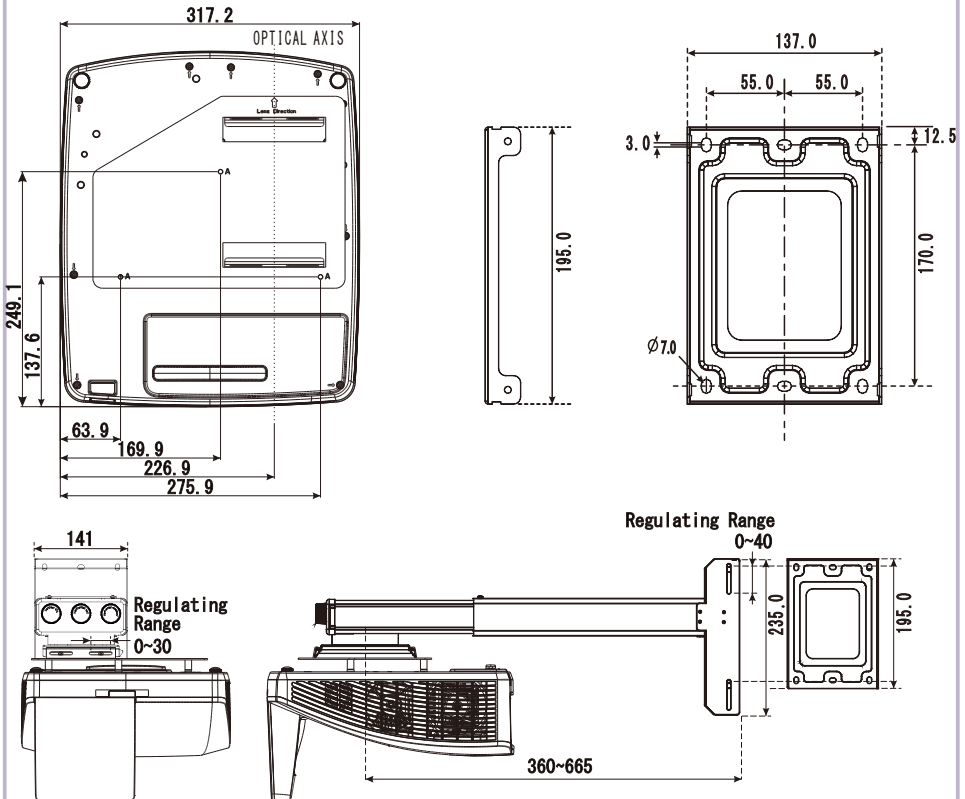
Ceiling Mount Installation

(For wall mount installation information, please refer to the wall mount installation guide in the wall mount box.)

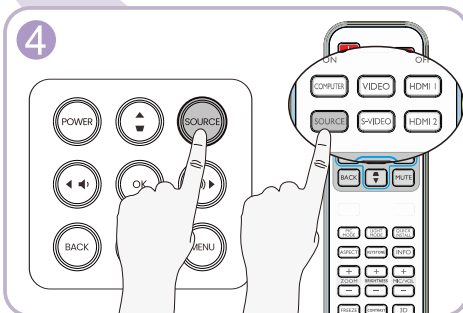
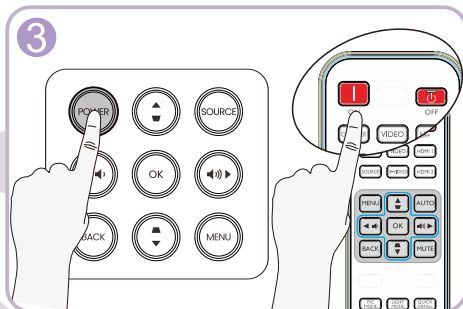
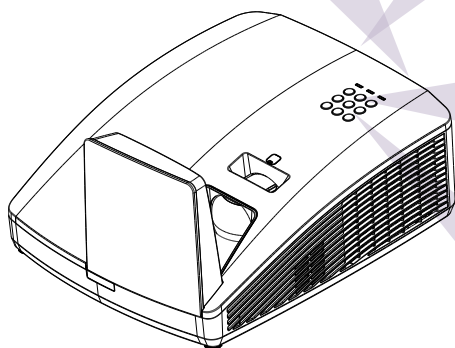
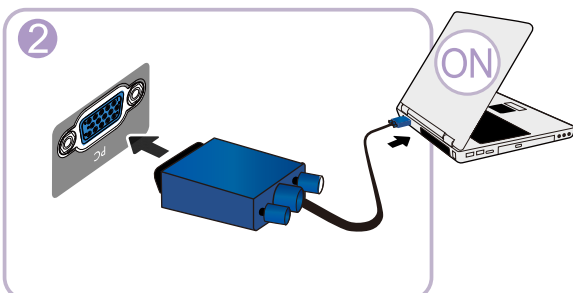
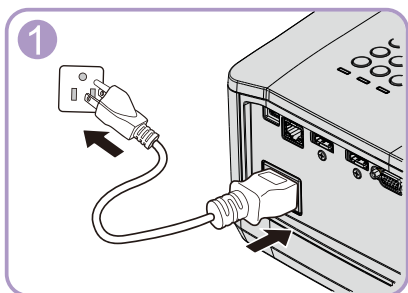
317.2mm(W) x 208.0mm(H) x 376.4mm(D)



Wall Mount Installation



Unit: mm

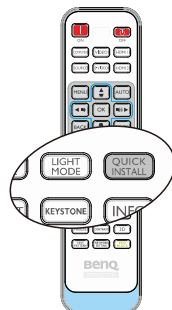
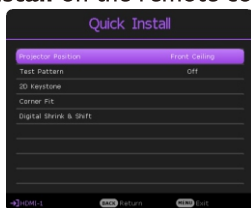


Positioning your projector

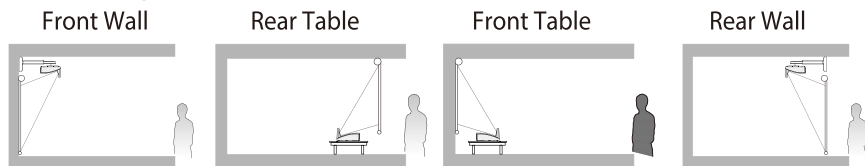
Using the quick install

The projector provides a hot key to set **Projector Installation, Test Pattern, and Keystone** quickly.

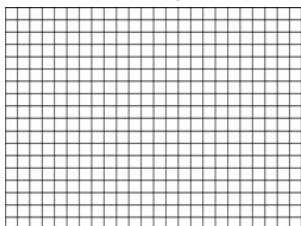
Press **Quick Install** on the remote control and press ▲/▼ to select:



1. Choosing a location



2. Use the test pattern



3. Correct the image

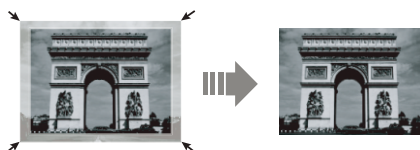
2D Keystone correction



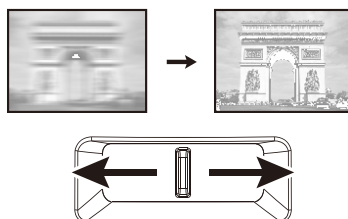
Corner fit correction



Digital shrink and shift



Focus



It is recommended to adjust focus 15 minutes after powering on due to the slight shifting of the lens from temperature changing.

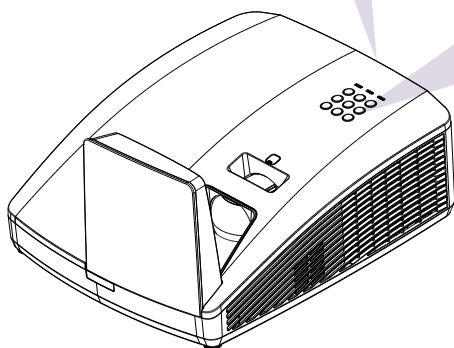
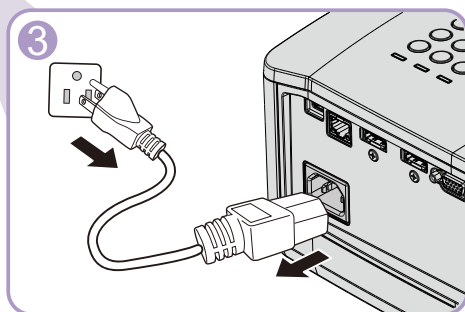
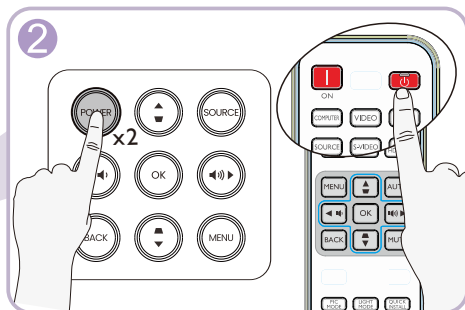
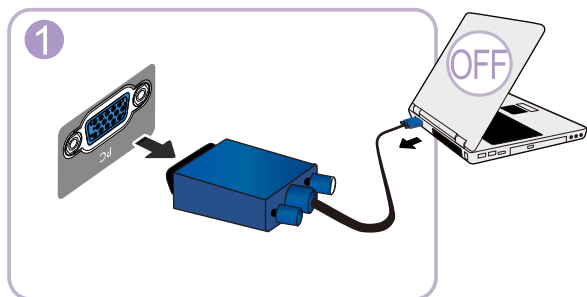


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 All specifications are subject to change without notice.

Optical

Resolution

LW855UST

1280 x 800 WXGA

LH856UST

1920 x 1080 1080p

Display system

Single-chip DLP™ system

Lens

F = 2.5, f = 5.1 mm

Light source

Laser diodes

Electrical

Power supply

AC100-240V, 2.0A

50-60 Hz (Automatic)

Power consumption

200W (Max); < 0.5W (Standby);

< 2W (When the network function in the standby settings is on)

Mechanical

Weight

14.7 lbs (6.5 Kg) (without lens)

Output terminals

Speaker

10 watt x 2

Audio signal output

PC audio jack x 1

Monitor Out

D-Sub 15-pin (female) x 1

Control

USB

Type-B mini USB

(Optional for PointWrite kit)

Type-A power supply 1.5A

RS-232 serial control

9 pin x 1

IR receiver x 1 (Front)

LAN control

RJ45 x 1 (10/100Mbps)

Input terminals

Computer input

RGB input

D-Sub 15-pin (female) x 1

Digital - HDMI x 2

Audio signal input

Audio in

PC audio jack x 1

Microphone in jack x 1

Environmental Requirements

Temperature

Operating: 0°C–40°C at sea level

Storage: -20°C–60°C at sea level

Relative humidity

Operating: 10%–90% (without condensation)

Storage: 10%–90% (without condensation)

Transporting

Original packing or equivalent is recommended.

Repairing

Please visit below website and choose your country to find your service contact window.

<http://www.benq.com/welcome>