Instruction Manual

720P LED Projector with 100" Cloth Projector Screen

PJ-HDCS1-993

LASER

Instruction Manual

PJ-HDCS1-993

SAFETY PRECAUTIONS

1. This unit should only be opened or repaired by qualified personnel. Please contact Laser Service for more information.
2. Clean the projector's housing with a clean soft cloth dampened with water. Wipe it dry using a soft dry cloth. Ensure that the lens is cool before cleaning it. Gently wipe the lens using a lens cleaning cloth. Do not touch the lens with your hands.
3. Do not cover or block any ventilation openings. When placing the device on a shelf, leave 5 cm (2") free space around the whole device.
4. Don't step on or pinch the power adaptor. Exercise caution, particularly near the plugs and the cable's exit point. Do not place heavy items on the power adaptor which may cause damage. Keep the device out of reach from children. The device is not a toy.
5. Unplug this device if unused for an extended period.
6. Do not place the projector in the following conditions:
   a. - on an uneven or unstable surfaces.
   b. - near water, baths, kitchens or damp rooms.
   c. - near places where condensation may occur.
   d. - in direct sunlight, near heaters, heat radiating appliances or naked flames.
   e. - near strong magnetic fields.
   f. - in a dusty, smoky or steamy environment.
   g. - on a sheet of paper or cloth, rugs or carpets.
7. Electrostatic discharge can disturb normal usage of this device. If so, simply reset and restart the device following the instruction manual.
8. Warning! Never open the cabinet or insert an object into the product through the vents or openings. High voltage flows through the product and inserting an object can cause electric shock and/or short circuit internal parts. For the same reason, do not spill water or liquid on the product.
9. This device must operate on a power source as specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
10. The socket outlet must be installed near the equipment and must be easily accessible.
11. Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.
12. Devices with class 1 construction should be connected to a main socket outlet with a protective earthed connection.
13. Devices with class 2 construction do not require an earthed connection.
14. Always hold the plug when pulling it out of the main supply socket. Do not pull the power cord. This can damage the cable.

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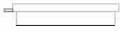
IN THE BOX

Remote
(2 X AAA batteries not included)

Main unit

AC Power Adapter



Lens Cover

Projector Screen

User Manual

Carry case

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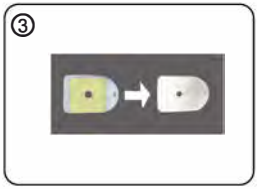
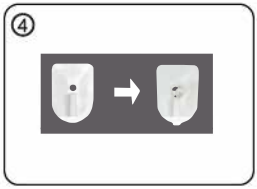
INSTALLING YOUR PROJECTOR SCREEN

1. Package includes screen fabric, adhesive hook with a screw.

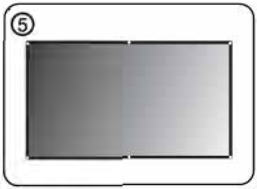
2. First of all, pull the screen fabric flat and lay it on the wall where it will be installed. Mark every position of the grommets correctly on the wall.



3. Second, remove backing paper on the hook.



4. Attach the hooks to each point marked on the wall and secure them with screws.



5. Finally, secure the screen in place by hanging the grommets on the relevant hooks.

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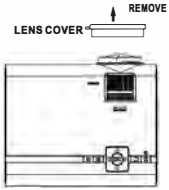
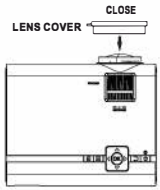
INSTALLING YOUR PROJECTOR

Remove the lens cover before using



Close the lens cover when unit not using



Front Desktop:

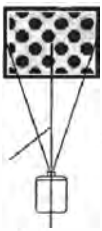
The projector can be placed on a table in front of the screen. This is the most common way to position the projector for quick setup and portability.

Rear Desktop:

The projector is placed on a table behind the screen.

NOTE: That a special rear projection screen is required (not included).

To Reduce Image Distortion, it is recommended to move the projector as close to centre of screen.



Screen

Projector

If you cannot install the projector squarely facing the screen, correct any resulting keystone distortion using the projector controls. For the best quality images, we recommend adjusting the installation position of the projector to achieve the correct image size and shape.

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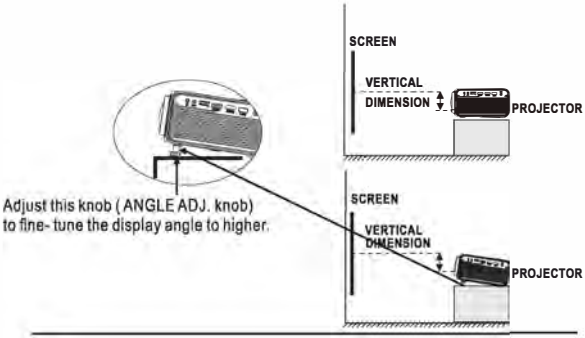
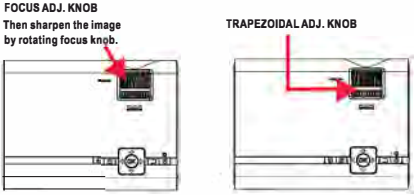
VERTICAL ADJUSTMENT

Please follow the below diagram for vertical adjustment.



ADJUST FOCUS AND KEYSTONE

Adjust the focus by turning the knob while observing the image near the centre of the screen. Optimal focus is obtained when the pixels are clearly visible and sharp. Depending on the projected screen size, the focus near the screen edges may be less sharp than the screen centre.



The keystone image is created when the projector image is projected to the screen at an angle. The keystone correction will restore the distorted image to a rectangular or square shape.

NOTE: This unit can be ceiling mounted and set for front or rear projection use.
We recommend keystone adjustment is set manually at time of installation.
The ceiling mount bracket is not included with this projector.

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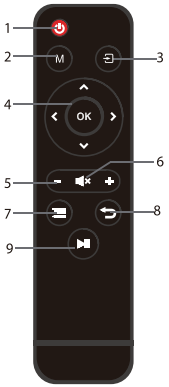
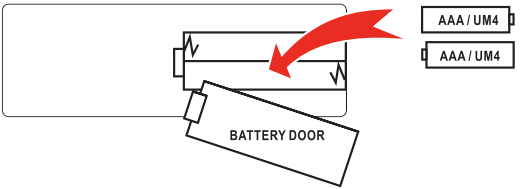
PJT-LED48-692

REMOTE CONTROL

1. Power: Press to power ON. Press twice to power OFF.
2. Menu: Press to access projector Settings.
3. Source: Press to select media source (AV, VGA, HDMI, MEDIA).
4. Arrows / OK : Press to navigate and confirm selections in Settings and other menus.
5. VOL+ /VOL- : Press to adjust audio volume level.
6. Mute :Press to mute volume.
7. Aspect ratio: Press to adjust the aspect ratio 16:9 / 4:3
8. Exit : Press to exit menus.
9. Play/ Pause: Press to play or pause an individual chapter or track.



INSTALL / REMOVE BATTERIES FOR REMOTE CONTROL



Remove the battery compartment cover on the back of your remote by carefully sliding to open. The battery cover can then be lifted away. Fit the correct batteries (2x AAA, not included), referring to the polarity markings. Finally, replace the cover.

NOTES:

- Do not expose batteries to excessive heat such as sunlight, fire etc.
- Do not mix new and old batteries.

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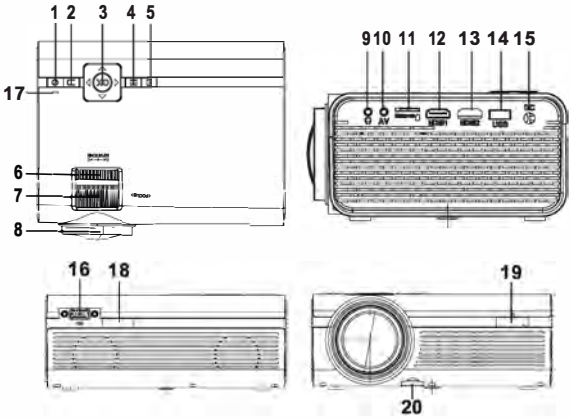
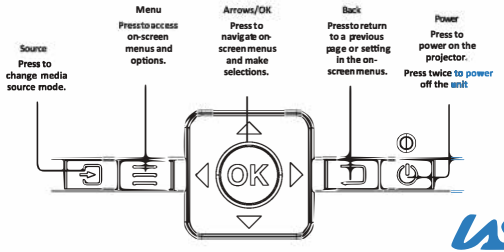
PROJECTOR DIAGRAM



1. POWER Button	11. Micro SD Card
2. RETURN Button	12. HDMI Port 1
3. NETVIGATOR Buttons	13. HDMI Port 2
4. MENU Button	14. USB Port
5. SOURCE Button	15. DC IN jack
6. TRAPEZOIDAL ADJ. Knob	16. VGA Port
7. FOCUS ADJ. Knob	17. POWER on Indicator
8. LENS	18. IR Window (Rear Side)
9. EAR PHONE Jack	19. IR Window (Front Side)
10. AV OUT Jack	20. ANGEL ADJ. Knob



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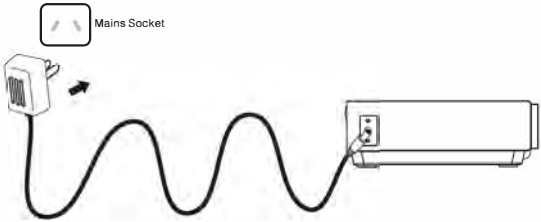
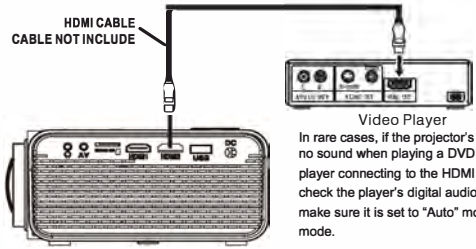
INSTALLING THE POWER ADAPTER

Connect the small pin into the port marked DC on the unit. Connect the plug end to the mains outlet.



CONNECTING HDMI

1. Turn off the unit before connect HDMI cable.
2. After connecting, press the ⏻ button to turn on unit and power indicator will light GREEN
3. Press the ⏎ / **SOURCE** button to HDMI mode and the video of HDMI device will show on projector screen. There are 2 HDMI inputs , HDMI1 interface corresponds to HDMI 1 in SOURCE mode , and HDMI2 interface corresponds to HDMI 2 in SOURCE mode.
4. Press the ⏻ button twice to turn off unit power.



In rare cases, if the projector's speaker has no sound when playing a DVD movie in a player connecting to the HDMI input, please check the player's digital audio settings and make sure it is set to "Auto" mode or "PCM" mode.

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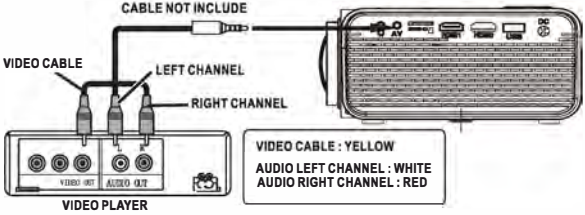
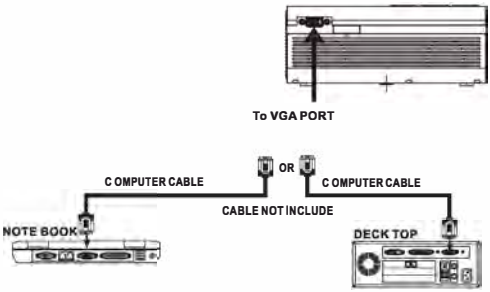
CONNECTING AV

1. Turn off the unit before connect AV cable.
2. Use AV cable to connect as shown in the below illustration.
3. After connecting, press the ⏻ button to turn on unit and power indicator will light GREEN
4. Press the ⏎ / **SOURCE** button to AV mode and the video of AV device will show on projector screen
5. Press the ⏻ button twice to turn off unit power.



CONNECTING VGA

1. Turn off the unit before connect VGA cable.
2. After connecting, press the ⏻ button to turn on unit and power indicator will light GREEN
3. Press the ⏎ / **SOURCE** button to VGA mode and the video of VGA device will show on projector screen.
4. Press the ⏻ button twice to turn off unit power.



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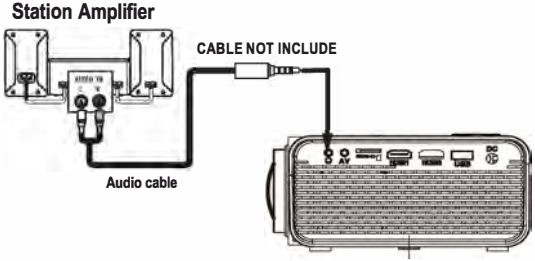
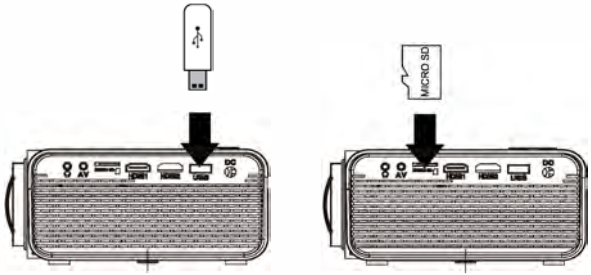
CONNECT AUDIO OUTPUT (AUX OUT/LINE OUT/EARPHONES)

1. Press the ⏻ button twice to turn off power of your projector before connection.
2. Use audio cable to connect follow below figure.
3. After connect and turn on both units. Your projector sound from external device now.
4. After using , turn off both units.



CONNECT USB/MICROSD CARD



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CONNECT A USB / MICRO SD DEVICE:

1. Turn off the unit by pressing the power button twice before connecting a USB / Micro SD card.
2. After connecting, press the ⏻ power button to turn on the unit and the power indicator light will be lit GREEN.
3. Press the ⏏ / SOURCE button to enter and use ✥ / Navigator buttons to select the MEDIA PLAYER mode.
4. After selection, use ✥ / Navigator buttons to search the MUSIC / PHOTO / MOVIE icon and press the OK button to enter, if necessary, use the ◄ ► button to select Micro SD card or USB and press the press the OK button to enter.
5. Use ✥ / Navigator buttons to search the correct title and press the OK button to preview playback title and press the ⏎ button of unit or ⏯ button of remote to start playback.
6. Press ⏮/⏭ button to fast search forward and rewind.
7. Press ⏮/⏭ button to search next or previous title.
8. During playback, press the ⏯ button to pause and press again to resume.

NOTE: Before removing your USB / Micro SD device, press the ⏻ power button twice to turn off the unit first.

OUTPUTTING SOUND VIA BLUETOOTH

This projector allows you to output all sound to a connected Bluetooth speaker or audio device.

1. Select the Bluetooth mode on the speaker you wish to output the projector audio to.
2. On the projector menu, select the SETUP option. In the next menu, select BLUETOOTH, press >/< navigation buttons to turn on Bluetooth and press OK.
3. The speaker's name should appear on the list of scanned devices. Select it and press OK to finish pairing.

Note: Bluetooth range is approximately 10 meters so please make sure your speaker is within this range when scanning.

LASER

MENU SETTINGS: PICTURE

Press ☰ button to enter projector menu. Press again to previous status.

Use ⊕ buttons to select manual page.

This manual showed on right upper of view screen.

1. Picture Mode
Select Standard, Dynamic, Mild ,or User(custom).

2. Contrast ,Brightness, etc
Set Picture Mode to "User " to adjust these settings.

3. Color Temperature
Select Warm ,Cool, or Medium.

4. Noise Reduction
Select Off, Low , Middle , or High.

MENU SETTINGS: AUDIO

Press ☰ button to enter projector menu. Press again to previous status.

Use ✥ buttons to select manual page.

This manual showed on right upper of view screen.

1. Sound Mode
Select Standard, Movie, Music, Sports ,or User (custom).

2. Treble, Bass
Set Sound Mode to "User " to adjust these settings.

3. Balance
Adjust the audio balance.

4. Auto Volume
Turn Auto Volume ON or OFF.

Sound Mode - User	Parameter
Treble	0-100
Bass	0-100

MENU SETTINGS: OPTION

Press ☰ button to enter projector menu. Press again to previous status.

Use ⊕ buttons to select manual page.
This manual showed on right upper of viewing screen.

1. OSD Language
Select different language, follow below figure.

2. Aspect Ratio
Select 16:9, 4:3.

3. Bluetooth
Turn Bluetooth ON or OFF.

4. Projection mode
Select Front, Rear, Front Ceiling, Rear Ceiling.

5. Reset
Select Y or N.

6. Info
Display the unit information as below.

INFO:

LASER

SW Ver: V1.0

English	Hrvatski	Nederlands	Chinese
Franais	Deutech	Slovenina	Slovak
Espanol	Italiano	Norsk	
Portugues	Magyar	Srpski	
Esky	Polski	Svenska	
Dansk	Romnete	Suomi	

MENU SETTINGS: TIME

Press ☰ button to enter projector menu. Press again to previous status.

Use ⊕ buttons to select manual page.

This manual showed on right upper of viewing screen.

1. **Clock-- --**
   Select clock to Day, Month, Year, Hour, Minutes.
2. **Off Time**
   Select turn off timer to Day, Hour, Minutes.
3. **On Time**
   Select turn on timer to Day, Hour, Minutes.
4. **Sleep Timer**
   Select sleep timer to Off, 10min, 20min, 30 min, 60min, 90min, 120min, 180min, 240min
5. **Auto Sleep**
   Select auto sleep function to off, 1hour, 2hours, 4hours, 8hours.

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SPECIFICATIONS

Light Source Type	LED
Display Native Resolution	1280 X 720
HDMI Input Supported Video Resolution.	1080p , 1080i , 720p, 576i , 480p, and 480i
Power Consumption	Operating 48W; Standby 0.8W
Power Input	DC 12V 4.0A
Power Adapter	Input AC100-240V,50/60Hz Output 12V 4.0A
Display Color	16.7K
Projection Size	30-100 inch
Signal Port	Video / VGA / HDMI
USB Port	Support USB device up to 32GB Support format mpeg1, Mpeg2 ,mpeg4, mp3 , Jpeg
Micro SD Car	Support SD card up to 32GB Support format mpeg1, Mpeg2 ,mpeg4, mp3 , Jpeg
Weight	0.9 KG
Dimension	203 x 150 x 82 mm
Bluetooth version	5.0

TROUBLESHOOTING

No image is Projected or a "No Signal" message is displayed	1. Check the power light next to the power button is on and green. If it's red then press the power button to take the device out of standby. If there is no light then check the projector is plugged into the mains, and that the socket is switced on. 2. Check the lens cover has been removed. 3. Check the cables are securely attached and installed as per the User Manual. 4. The image source may not be set correctly. Press the Source button on the Control Panel or the Remote, to select the correct setting.
The Lamp (Bulb) switches off after a period of time. Is the warning light indicator red? If so, the projector is overheating which turns the light off automatically.	1. Leave the projector to cool for a few minutes. 2. Once cooled, check nothing is blocking the vents. 3. Check the air filter and clean if necessary. 4. Turn on the projector.
The image is wider at the top/ bottom of the screen	This is called keystone and is due to the projection angle not being perpendicular to the screen. To correct use the projectors inbuilt keystone function to adjust the image.
Spots on the screen	Using a screen cleaner solution and micro fibre cloth to clean the lens.
The image brightness has faded	Check the picture settings in the menu or the ambient light in the room. Adjust as required.

WARRANTY AGAINST DEFECTS

Laser warrants your new product to be free from defects in materials and workmanship for 12 months, from the date of purchase, provided that the product is used in accordance with accompanying recommendations or instructions where provided. The benefit of this warranty is in addition to your rights under the Australian Consumer Law and to other rights and remedies of the consumer under a law in relation to the goods or services to which the warranty relates.

Through a network of retailers and resellers, Laser will provide you with your choice of a refund, repair, or exchange (where possible) for this product if it becomes defective within the warranty period. This warranty will no longer apply where the defect is a result of alteration, accident, misuse, abuse, normal wear and tear, neglect, or improper storage. **Please retain your receipt as proof of purchase.**

How to make a product warranty claim:

1. Find your receipt with date of purchase. If this is not available, Laser will make an assessment based on the date of manufacture, condition of the product and type of defect.

2. Please contact your original place of purchase. They will assess the nature of the fault and refund or replace the product as per their store refund or warranty policy.

3. If your original place of purchase cannot be contacted, please contact Laser with a description of the fault. To assist our team in providing you with a quick resolution, please include any photos and/or a short video demonstrating the fault with your product.
   - Phone: (02) 9870 3355
   - Email: support@laserco.com.au
   - Online: www.laserco.net/support/warranty and follow the website instructions
   - Business Address: U1 6-8 Byfield Street, Macquarie Park, 2113, NSW, Australia
4. Laser will review your claim and in the first instance, attempt to troubleshoot and resolve the issue for you without the need to return the product.
5. If it is determined via troubleshooting that your product may be faulty, our team will provide instructions to have the product returned for assessment. If the product does need to be returned within the warranty period, Laser will arrange return shipping at no cost to you.
6. Once we receive the product, our experienced technicians will assess it and determine how best to resolve the issue.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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SCAN ME

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