FP-Z5000

Owner's Manual



Detailed Operating Instructions

Introduction (introduction/)

- Safety Precautions (introduction/safety_precautions/)
- ▶ NOTICES (introduction/fcc_notice/)
- Regulatory (introduction/regulatory/)
- ▶ Federal Communications Commission (FCC) warning (introduction/fcc_warning/)
- Package Contents (introduction/package_contents/)

Before You Begin (about_this_product/)

- ▶ Parts of the Projector: Names and Functions (about_this_product/parts/)
- The Remote Control (about_this_product/remote_control/)
- Basic Operation (about_this_product/basic_usage/)

Installation (installation/)

Installation (installation/installation_overview/)

- Positioning and Focusing the Image (installation/adjust_projection_state/)
- ▶ Connections (installation/connections/)

Menus (menu/)

- Using the Menus (menu/use_menu/)
- ▶ DISPLAY (menu/display/)
- ▶ PICTURE (menu/picture/)
- ▶ SOURCE (menu/source/)
- SYSTEM SETUP : Basic (menu/system_setup_basic/)
- SYSTEM SETUP : Advanced (menu/system_setup_advanced/)
- ▶ INFORMATION (menu/information/)

Technical Notes (technical_notes/)

- ▶ Main Specifications (technical_notes/spec/)
- Menu List (technical_notes/menu_list/)
- Supported Resolutions (technical_notes/support_resolution/)
- Projection Distance (technical_notes/projection_distance/)
- ▶ Trademark Information (technical_notes/trademark/)

Introduction

- ▶ Safety Precautions (safety_precautions/)
- ▶ NOTICES (fcc_notice/)
- ▶ Regulatory (regulatory/)
- ▶ Federal Communications Commission (FCC) warning (fcc_warning/)
- Package Contents (package_contents/)

Safety Precautions

- ▼ For Your Safety
- ▼ Safe Use of Lasers

For Your Safety

The **MARNING** and **CAUTION** indications in this document indicate the following:

⚠WARNINGS

Failure to observe warnings could result in death or serious injury.

! CAUTIONS

Failure to observe cautions could result in injury or property damage.

This section lists important precautions that must be followed to ensure safe and correct use of the product. Read them before using the product and observe them during use.

FUJIFILM will not be held liable for damages arising from acts of God or from such sources as misuse of, modifications to, or inappropriate installation or handling of this product.

MARNINGS

- Be sure the product is installed securely. Serious accidents could result should the product fall from a height.
- Ceiling installations (where the product is suspended from the ceiling) should be performed only by professionals with the requisite skills. If installed incorrectly, the product could fall, potentially causing a serious accident.
- When working in high places, work with a partner, use a safety line, and take all other precautions necessary to ensure safety. Slipping, falling, or loss of balance could result in serious accidents.
- When installing the product in high places, ensure that people below keep their distance. Falling objects could cause serious accidents.
- Do not install or use the product in a bath or shower. Failure to observe this precaution could result in fire or electric shock.
- Do not handle the product with wet hands. Failure to observe this precaution could result in electric shock.
- Do not modify, tug, or twist the connecting cables, subject them to excessive heat, or place them under heavy objects. Damage to the cables could result in fire or electric shock. Should the cables be damaged, contact a Fujifilm-authorized service technician.
- Do not use cables if their connectors have ever been bent.
- Do not place the product on unstable surfaces. Be sure the product is level. Injury could result if the product tips or falls.
- Do not touch the metal parts of the product during thunderstorms. Lightning strikes can produce induced current that could cause electric shock.
- Do not place vessels containing water, chemicals, or other liquids on the product. Liquid that finds its way into the product could cause fire or electric shock.
- Never look directly into the lens while the product is on. The bright light could cause visual impairment or other injury. Do not look into the lens with magnifying glasses, telescopes, or other optical instruments.
- Do not insert flammable material, metal, or other foreign objects into the product or leave them in its vicinity. Failure to observe this precaution could result in fire, burns, or electric shock.
- Do not use sprays containing flammable gas to remove dust or other foreign matter from the lens. The gas could ignite, causing fire.
- Do not use the product in locations where the air may contain flammable or explosive gases. The gases could ignite, causing fire.
- Do not place flammable objects in front of the lens. Failure to observe this precaution could result in fire.

- Do not block the light from the product with books, cloths, or other objects. Objects placed in the beam could become hot, potentially melting or causing burns or fire. Light reflected from the objects could also cause the lens to overheat, causing product malfunction.
- Do not touch the lens or metal parts of the product while it is on or immediately after it has been switched to standby. Failure to observe this precaution could result in burns or other injury.
- Be careful not to drop the product when lifting it.
- Should you notice that the product is not functioning normally, switch it to standby and disconnect the power and USB cables.

 Continuing to use the product when it is emitting smoke or unusual smells or otherwise functioning abnormally could result in fire, electric shock, or visual impairment.
- Do not install this product in locations that are dusty, humid, or exposed to soot, steam, or sources of heat. Failure to observe this precaution could result in fire or electric shock. In addition, grease could cause the projector's plastic casing to deteriorate, damaging the supports and potentially causing the product to fall.
- Thread-locking adhesive, lubricants, or grease on the ceiling mounts could cause the projector's plastic casing to deteriorate, potentially damaging the product or causing it to fall.

ACAUTIONS

- Use the product only as described in this manual.
- The product and its accessories are precision devices. Under no circumstances should they be subjected to excessive force.
- Be careful not to drop the product when lifting it to attach the stands.
- Attach the stands securely. When using the stands, be sure the legs are fully open. If the stands are not securely attached or the legs are not fully open when the product is oriented vertically, the product could become unbalanced and tip.
- Replace the lens cap if the product will not be used for an extended period.
- The lens includes moving parts: do not apply excessive force or subject the lens to physical shocks.
- Do not leave the product in locations where it will be exposed to soot, steam, or excessive humidity or dust. Failure to observe this precaution could result in fire or electric shock.
- Do not leave the product in locations where it will be exposed to high temperatures or direct sunlight. Failure to observe this precaution could result in fire.
- Do not leave the product or, if the batteries are inserted, the remote control unattended in locations exposed to direct sunlight or high temperatures, for example directly in the path of warm air from a heater. Excessive heat could deform the casing or damage the product's internal parts, resulting in fire.
- Do not place heavy objects on the product. The objects could become unbalanced and tip or fall, causing injury.
- Do not use the power cable if the plug is damaged or does not fit securely into the socket. Failure to observe this precaution could result in fire or electric shock.
- Keep your face and hands, as well as objects that may be warped or otherwise damaged by heat, away from the exhaust vent while the product is in use. The hot air from the vent could cause burns or deform or damage the objects.
- For safety, be sure to unplug the product when it is not in use. Failure to observe this precaution could result in fire due to deterioration of the insulation or other causes.
- Before transporting or cleaning the product, switch it to standby, unplug it from the power outlet, and disconnect all cables. Failure to observe this precaution could result in fire or electric shock.
- When cleaning the product, do not use damp cloths or solvents such as alcohol, benzine (petroleum ether), or thinner. Water could enter the product or the casing could weaken and break or suffer other damage, potentially resulting in electric shock.
- The accumulation of dust inside the product could result in fire or malfunction. We recommend that the interior of the product be periodically inspected and cleaned. Contact the original retailer for these services.
- Do not lift the product by the lens. Failure to observe this precaution could damage the product.
- When using the product at high altitudes (above 1,500 m/4,900 ft), enable high-altitude mode to ensure that the product's internal temperature-control mechanism functions correctly. Failure to observe this precaution could shorten the life of the product's parts.
- Be sure to use the dedicated stands when the product is oriented vertically.
- Should you notice that the product is not functioning normally, switch it to standby and disconnect the power and USB cables.

 Continuing to use the product when it is emitting smoke or unusual smells or otherwise functioning abnormally could result in fire, electric shock, or visual impairment. Consult the original retailer.
- Do not drop water or foreign objects into the product. Should water or other foreign matter find its in to the interior, switch the product to standby and unplug it from the power outlet. Continued use could result in a short circuit causing fire or electric shock. Consult the original retailer.
- Do not disassemble or modify the product (never open the case). Failure to observe this precaution could result in fire or electric shock.

- Keep small parts out of the hands of young children. Because of their size, small objects such as batteries from the remote control may be accidentally swallowed by young children. Keep small parts out of their reach. Should a child swallow any part of the product, consult a physician immediately.
- Keep safety in mind when stringing cables. Failure to observe this precaution could result in falls or injury.
- Do not install the product in locations subject to shock or vibration.
- Do not touch the lens immediately after switching the product to standby. Failure to observe this precaution could result in burns.
- Be sure the product is properly grounded. The product is equipped with a grounded two-prong plug. Be sure the outlet is grounded.

Precautions for Storage and Use

- Do not use or store the product in locations subject to extreme temperatures. Avoid locations that are subject to sudden changes in temperature. Operate and store the product within its operating and storage temperature limits.
- Do not install the product in the vicinity of high-voltage power lines or equipment that produces magnetic fields. The product may not function as expected.
- Do not use the product when it is tilted. Failure to observe this precaution could damage the product or cause accidents.
- Do not touch the lens with your bare hands. Fingerprints and smudges on the lens can affect picture quality. To keep the lens clean and free of scratches, replace the lens cap when the product is not in use.
- Remove the batteries from the remote control before placing it in storage. Leaving the batteries in place for long periods could result in leakage or other damage to the batteries.
- Do not use or store the product where it will be exposed to soot or tobacco smoke. Failure to observe this precaution could result in reduced picture quality.
- To clean the lens, first switch the product to standby and wait for the lens and metal parts to cool, then remove dust and lint with a blower before gently wiping the lens with a third-party glass-cleaning cloth or the like.
- Allow the lens to cool before performing cleaning or maintenance.

Safe Use of Lasers

This equipment is defined as a Class 1 laser product under JIS C 6802:2014. Be sure to observe the following warnings and caution.

MARNINGS

- This product contains a laser; do not open the case.
- Bright light can cause visual impairment or other injury; do not look directly at the light source.
- Never attempt to remodel or disassemble the projector. High voltages can cause fire or electric shocks.

ACAUTION

Dispose of this product in accord with location regulations; do not disassemble.

Notes on the Laser

This product uses a laser as a light source, which has the following characteristics:

- The light source may dim under certain conditions.
- The higher the temperature, the more the source will dim.
- The source will grow dimmer the longer it is used.
- The relation between source brightness and length of use can be adjusted using brightness settings.
- For any inspection, adjustment and repair work, please contact an Authorized Service Center. Doing so may cause exposure to dangerous laser radiation.
- The laser module is built in this projector. Follow procedures specified in the Operating Instructions to make operations and adjustments.

Laser Warning Stickers

Laser warning stickers are affixed to the side and interior of the product.





Laser warning stickers

NOTICES

Verification

Model Number: FP-Z5000 Trade Mark: Fujifilm

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Warning:

To assure continued compliance, follow the attached installation instructions. This includes using the provided power cord and shielded interface cables when connecting to computer or peripheral devices. Also, any unauthorized changes or modifications to this equipment could void the user's authority to operate this device.

For Customers In Canada

CAN ICES-3(A)/NMB-3(A)

WARNING: This equipment is compliant with Class A of CISPR32. In a residential environment this equipment may cause radio interference.

This product complies with the following EU Directives:

- RoHS Directive 2011/65/EU
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

Compliance with these directives implies conformity to applicable harmonized European standards (European Norms) which are listed on the EU Declaration of Conformity issued by FUJIFILM Corporation for this product or product family.

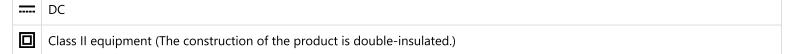
This compliance is indicated by the following conformity marking placed on the product:



This marking is valid for non-Telecom products and EU harmonized Telecom products (e.g. Bluetooth).

About the Icons

The symbols on the product represent the following:



Disposal of Electrical and Electronic Equipment in Private Households In the European Union, Norway, Iceland and Liechtenstein:

This symbol on the product, or in the manual and in the warranty, and/or on its packaging indicates that this product shall not be treated as household waste. Instead it should be taken to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.



Regulatory

This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC).

Safety

- CSA C22.2 No. 60950-1
- UL 60950-1
- IEC 60950-1
- EN 60950-1

Laser Safety

- IEC 60825-1
- IEC 62471
- FDA CDRH CFR 1040.10
- FDA CDRH CFR 1040.11

Electro-Magnetic Compatibility

Emissions

- FCC CFR47, Part 15, Subpart B/ANSI C63.4, Class A Unintentional Radiators
- CISPR32/EN55032 Class A Information Technology Equipment
- ICES/NMB003 (A) Information Technology Equipment

Immunity

CISPR 24/EN55024 EMC Requirements - Information Technology Equipment

Environmental

- The product conforms to:
 - EU Directive (2011/65/EU) on the restriction of the use of certain hazardous substances (RoHS) in electrical and electronic equipment and the applicable official amendment(s).
 - EU Regulation (EC) No. 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH) and the applicable official amendment(s).
 - EU Directive (2012/19/EU) on waste and electrical and electronic equipment (WEEE) and the applicable official amendment(s).
 - China Ministry of Information Industry Order No.39 (02/2006) on the control of pollution caused by electronic information products, the hazardous substances concentration limits (SJ/T11363-2006), and the applicable product marking requirement (SJ/T11364-2006).

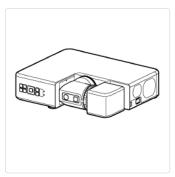
Marking

- This product conforms to all relevant Canadian, US, and European directives, standards, safety, health and environmental concerns. International packaging recycling marks conform to:
 - EU Directive (2012/19/EU) on waste and electrical and electronic equipment (WEEE).
 - EU Directive (94/62/EC) on packaging and packaging waste.
 - China packaging recycling mark standard (GB18455-2001).

Federal Communications Commission (FCC) warning

- A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.
- Use only shielded signal cables to connect I/O devices to this equipment.

Package Contents



Projector



Remote control with two AAA batteries



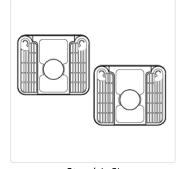
Lens cap



HDMI cable (approximately 1.8 m/5.9 ft)



Power cable (approximately 3 m/9.8 ft)



Stand (×2)

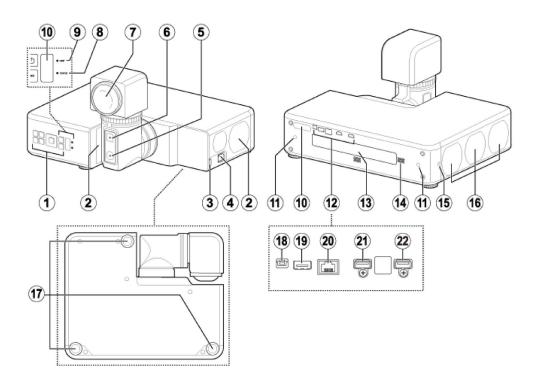


Basic Manual (this manual)

Before You Begin

- ▶ Parts of the Projector: Names and Functions (parts/)
- ▶ The Remote Control (remote_control/)
- ▶ Basic Operation (basic_usage/)

Parts of the Projector: Names and Functions

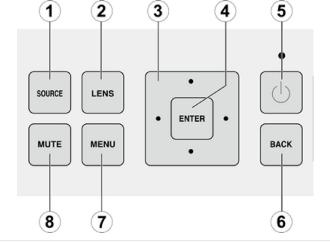


- 1 Control panel
- (2) Intake vents
- 3 HDMI 3 connector
- 4 Power connector
- **5** Arm latch release
- **6** Head latch release
- 7 Lens
- 8 Status lamp
- Temperature warning lamp
- 10 Remote receivers
- 11 Screw holes for attaching stands

- 12 Interface (connector) panel
- (13) Model number plate (laser warning sticker)
- **14** Speaker
- **15** Security slot*
- **16** Exhaust vents
- 17 Adjustable feet
- (18) Service connector
- 19 USB connector (5 V DC power supply)
- **20** HDBaseT/LAN connector
- (21) HDMI 1 connector
- 22 HDMI 2 connector
- * Compatible with Kensington MicroSaver security system locks.
 - ▼ Control Panel
 - ▼ Latch Releases
 - ▼ Connectors
 - ▼ Indicator Lamps

Control Panel

Basic operations are performed using the control panel. The names and functions of the buttons on the control panel are given below.



■TIP

Buttons 3-8 are duplicated on the remote control.

1 The SOURCE Button

The input source changes each time the button is pressed.

	Input	source	
HDMI 1	HDMI 2	HDMI 3	HDBaseT

2 The LENS Button

The selected function changes each time the button is pressed.

	Lens function	
H-SHIFT&V-SHIFT	FOCUS	ZOOM

③ The Selector (▲/▼/◀/▶)

Navigate the menus.

4 The ENTER Button

Select items highlighted in the menus.

5 The Power Button

Turn the projector on or switch it to standby.

6 The BACK Button

Return to the previous menu.

7 The MENU Button

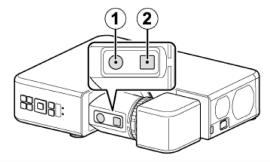
Display the menus used to adjust projector settings.

8 The MUTE Button

Temporarily suspend projection and mute audio. Audio can be restored by pressing any other button or by pressing the **MUTE** button again.

Latch Releases

Before rotating the lens, release the latches by pressing the arm (1) and head (2) latch releases.



TIPS

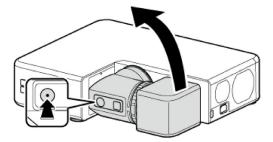
- The latches will re-engage automatically if not manually re-engaged within 10 seconds.
- The LED lights while the head latch is released.

ACAUTION

This projector features a rotating lens. The latch that protects the lens must be released before the lens can be rotated.

The Arm Latch Release

When the arm latch is disengaged by pressing the arm latch release, the arm can be rotated 90° in the direction shown.

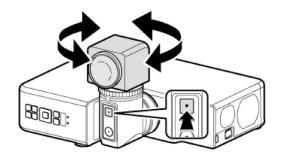


■TIP

When the projector is oriented vertically, the arm can also be rotated 90° in the other direction.

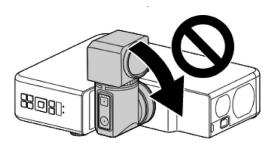
The Head Latch Release

When the head latch is disengaged by pressing the head latch release, the projector head can be rotated 360° in 90° increments.



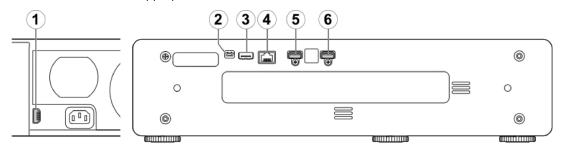
ACAUTIONS

- Some portions of the projected image may not be visible depending on lens shift and the orientation of the lens.
- When rotating the lens, keep it supported and rotate it slowly.
- To protect the lens, the arm locks to prevent it rotating in the direction shown when the projector head is oriented as shown in the illustration.



Connectors

Connect devices via the appropriate connector.



1 HDMI3/**5** HDMI1/**6** HDMI2

HDMI devices can be connected via the projector's HDMI 1, HDMI 2, and HDMI 3 connectors.

⚠ CAUTIONS

- Switch the projector to standby and confirm that the HDMI device is either off or in standby mode before connecting the cable. After connecting the cable to both devices, turn the projector on first and then turn on the HDMI device.
- Some devices require an adapter and/or a dedicated cable.

■TIP

Use the HDMI 3 connector when the projector is in vertical orientation.

2 The Service Connector

Fujifilm-authorized technicians use the service connector for inspection and repair.

3 The USB Connector

Use for the supply of DC 5V 1.5A power.

4 The HDBaseT/LAN Connector

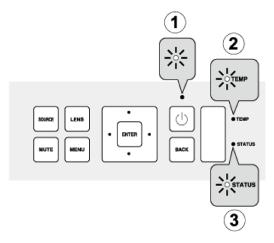
Third-party video transmitters that support HDBaseT can be connected via the projector's HDBaseT/LAN (RJ45) connector.

ACAUTIONS

- Use an STP LAN cable with category 5e shielding or better.
- The maximum distance that video can be transmitted over a LAN cable is 100 m (328 ft).
- Operation is not guaranteed with all HDBaseT-compatible devices or in all operating environments.
- The projector cannot be connected directly to networks operated by mobile communications service providers, fixed-network communications service providers, Internet service providers, or other telecommunications carriers. Any connection to the Internet must be made via a router.

Indicator Lamps

Projector status is shown by whether the **POWER** (1), **TEMP** (2), and **STATUS** (3) indicator lamps are on, flashing, or off.

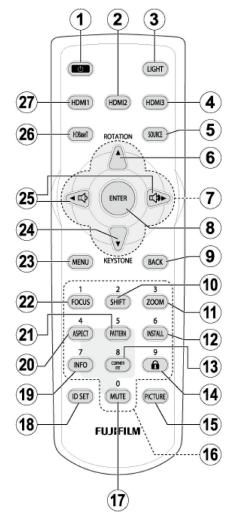


The statuses shown by the condition of the indicator lamps are listed below.

Lamp			
Power	TEMP	STATUS	Projector status
On (amber)	Off	Off	Projector in standby mode.
Flashing (amber)	Off	Off	Projector in standby mode (network standby).
On (white)	Off	Off	Projector on.
On (white)	Flashing (amber)	Off	Projector temperature elevated.
On (white)	On (amber)	Off	Laser temperature elevated.
Off or on (white)	Off	On (amber) or flashing (amber)	Problem with cooling fan.
Flashing (white)	Off	Flashing (amber)	Problem with optical engine.

Lamp			
Power	TEMP	STATUS	Projector status
Flashing (white)	Off	On (amber)	Problem with power supply.

The Remote Control

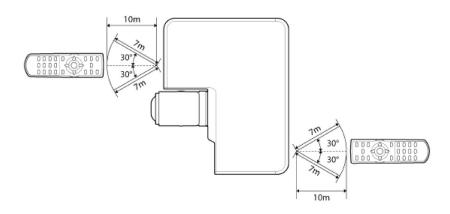


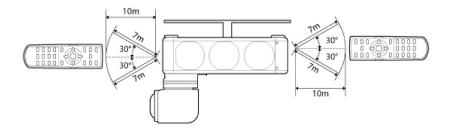
The names and functions of the buttons on the remote control are listed below.

Item	Button	Function
1	Power	Turn the projector on or switch it to standby.
2	HDMI2	Select HDMI 2.
3	LIGHT	Turn the button lights on for about 10 seconds.
4	номіз	Select HDMI 3.
(5)	SOURCE	Display input source selection options.
6	ROTATION	Rotate the image up or down.
7	Selector (▲/▼/◀/▶)	Navigate the menus.
8	ENTER	Select the highlighted menu item.
9	ВАСК	Return to the previous menu.
10	SHIFT	Adjust lens shift.
11)	ZOOM	Adjust zoom.
12	INSTALL	Display projection options.

Item	Button	Function
13	CORNER FIT	Display corner fit options.
14)	Remote control lock	Disable the remote control. Be sure to aim the remote at the remote receiver when performing this operation.
15	PICTURE	Adjust settings for the projected image.
16	10-key pad	Use when entering the remote control ID.
17)	MUTE	Temporarily suspend projection and mute audio. Audio can be restored by pressing any other button or by pressing the MUTE button again.
18	ID SET	Enter the remote control ID. More information on entering an ID is available here (//menu/system_setup_basic/#projector_id_set).
19	INFO	View projector information.
20	ASPECT	Choose the aspect ratio.
21	PATTERN	Display a test pattern.
22	FOCUS	Adjust focus.
23	MENU	Display the menus used to adjust projector settings.
24	KEYSTONE	Display keystone compensation settings.
25	Volume	Adjust the volume of the built-in speaker.
26	HDBaseT	Select HDBaseT.
27	HDMI1	Select HDMI 1.

Remote Control Range

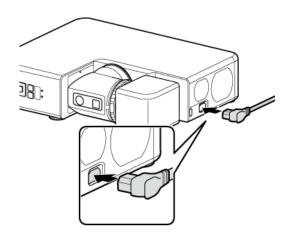




Basic Operation

Before installing the projector, master the basics of its operation as described below.

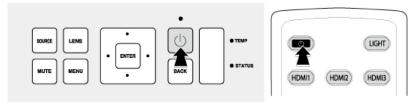
Connect the supplied power cable to the projector and plug it into a power outlet.
The projector will switch to standby mode.



ACAUTION

The supplied power cable is for use exclusively with FP-Z5000 projectors. Do not use it with any other product.

2 Turn the projector on by pressing the power button on the control panel or remote control.

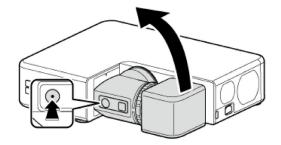


ACAUTION

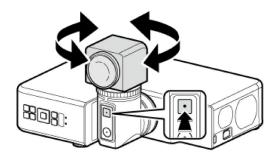
Do not look directly into the lens while the projector is on.

■TIP

The projector takes about 20 seconds to start after the power button is pressed. Wait until the indicator lamp turns from amber to white and the latch release button lights.



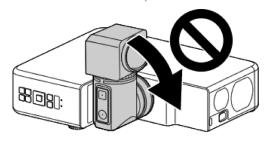
- Press the arm latch release to re-enage the arm latch.
- **5** Press the head latch release to release the latch and then rotate the head into position.



6 Press the head latch release to re-engage the head latch.

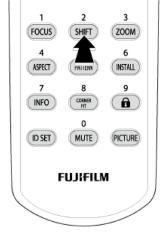
ACAUTIONS

- Some portions of the projected image may not be visible depending on lens shift and the orientation of the lens.
- When rotating the lens, keep it supported and rotate it slowly.
- To protect the lens, the arm locks to prevent it rotating in the direction shown when the projector head is oriented as shown in the illustration.



TIPS

- The latches will re-engage automatically if not manually re-engaged within 10 seconds.
- The LED lights when the head latch release is pressed.
- The arm can each be rotated 90° to either side.
- The head can be rotated 360° in 90° increments.
- **7** Remove the lens cap.
- Press and hold the "2" button on the remote control to center the lens.

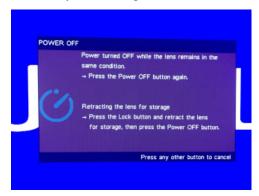


Press the selector up to cycle through settings in the following order until you reach the desired installation type: **Front Table**, **Rear Table**, **Rear Ceiling**, and **Front Ceiling**. More information on choosing an installation type is available here (../../installation/adjust_projection_state/#projector_installation).



Switching to Standby

Pressing the power button while the projector is on displays a confirmation dialog. Press the button again to switch the projector to standby. The cooling fan will turn off a few seconds later.



ACAUTION

The lens latches cannot be released while the projector is on standby; check the position of the lens and replace the lens cap before switching the projector to standby.

TIPS

- The projector automatically switches to standby when the lens is in the storage position.
- The power indicator lamp lights amber when the projector is in standby mode.

Installation

- ▶ Installation (installation_overview/)
- ▶ Positioning and Focusing the Image (adjust_projection_state/)
- ▶ Connections (connections/)

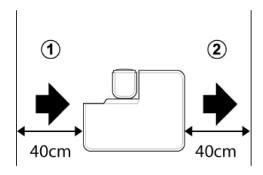
Installation

- Choosing a Location
- ▼ Horizontal Orientation
- ▼ Vertical Orientation
- ▼ Ceiling Installations
- **▼** Other Installations

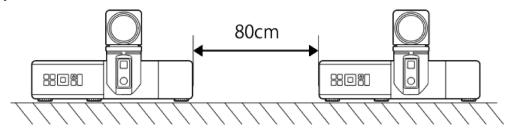
Choosing a Location

When installing the projector, choose a location where the vents will be a safe distance from walls or other obstructions.

1 Intake : 40 cm (1.3 ft) 2 Exhaust : 40 cm (1.3 ft)



When installing two or more projectors side-by-side, leave a space of at least 80 cm (2.6 ft) between them. You will also need to ensure that the warm air from the exhaust vents does not enter any of the projectors' intake vents.

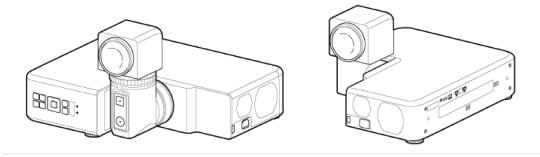


ACAUTION

Do not obstruct the vents. The build-up of heat inside the projector could cause fire.

Horizontal Orientation

Normally, the projector will be installed and used in horizontal orientation.

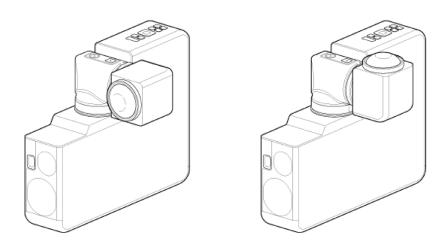


■TIP

In horizontal orientation, the height of the projector can be adjusted using the adjustable feet.

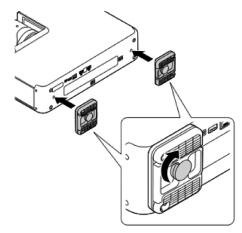
Vertical Orientation

The projector can be used in vertical orientation.



To install the projector in vertical orientation, attach the supplied stands.

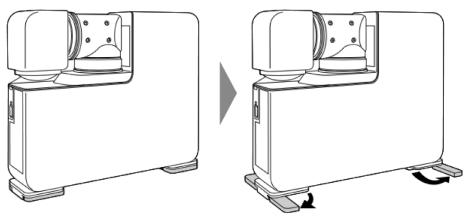
 $\mathbf{1}$ Screw the stand attachment screws into the attachment holes on the projector (×2).



ACAUTIONS

- o When attaching the stands, lay the projector flat.
- The lens should be in the storage position, the projector in standby mode, and the power cable disconnected.

Open the legs after standing the projector on edge.

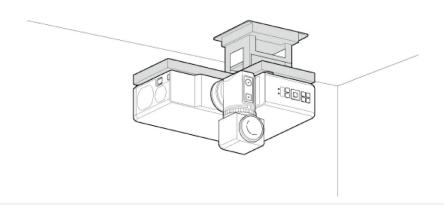


! CAUTIONS

- Be careful not to drop the projector when lifting it to attach the stands.
- Attach the stands securely. When using the stands, be sure the legs are fully open. If the stands are not securely attached or the legs are not fully open when the projector is oriented vertically, the projector could become unbalanced and tip.
- The supplied stand does not incorporate a height-adjustment mechanism.

Ceiling Installations

The projector can be suspended from ceilings.



ACAUTIONS

- When suspending the projector from a ceiling, use a ceiling mount. Consult the product retailer for more information.
- Ceiling installations and other tasks requiring specialized skills should only be performed by the retailer or trained technicians.
- After installing the projector, you will also need to install fall preventers or other anti-fall equipment.

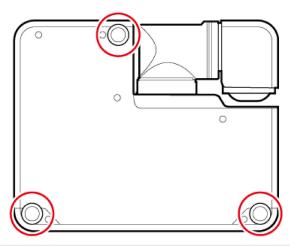
Other Installations

To secure the projector in vertical or horizontal installations without a ceiling mount, attach it to the supporting surface use screws inserted in the holes for the three adjustable feet (see figure).

• Screw diameter: M6

• **Depth**: 20mm

• Tightening torque: 4.0 ± 0.5N · m



ACAUTIONS

- The moving parts of the lens may contact the mount depending on the lens angle or shift position. This can be prevented by leaving a space of at least 7 mm between the mount and the bottom of the projector. Using a spacer or the like to ensure separation, attach the projector to the mount using the screw holes on the bottom of the projector.
- Do not attach the projector to the mount using the adjustable feet.

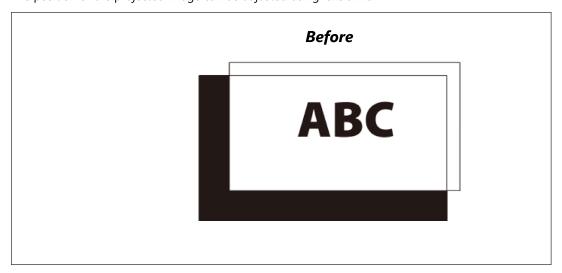
Positioning and Focusing the Image

The chief tools for positioning and focusing the projected image (lens shift, focus, and zoom) can be accessed via the **LENS** button on the control panel. Projector positioning options can be accessed via the up button on the selector and keystone compensation options via the down button.

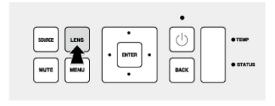
- ▼ Lens Shift
- **▼** Focus
- **▼** Zoom
- Positioning
- ▼ Keystone Compensation

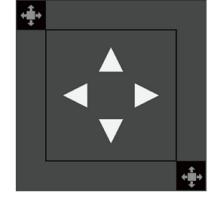
Lens Shift

The position of the projected image can be adjusted using lens shift.



1 Press the **LENS** button until lens shift settings are displayed.





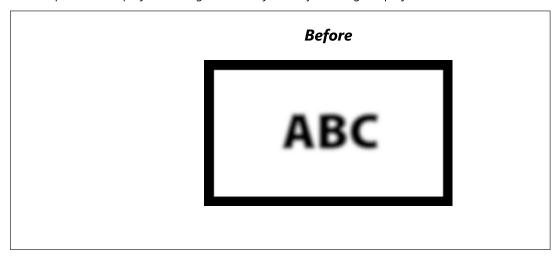
3 Press **BACK** to exit.

TIPS

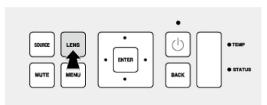
- The selected shift position is stored when the lens is rotated.
- The previously-selected shift position is recalled when the lens latches.

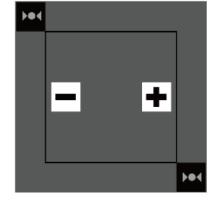
⊷ Focus

The sharpness of the projected image can be adjusted by focusing the projector.



1 Press the **LENS** button until focus settings are displayed.



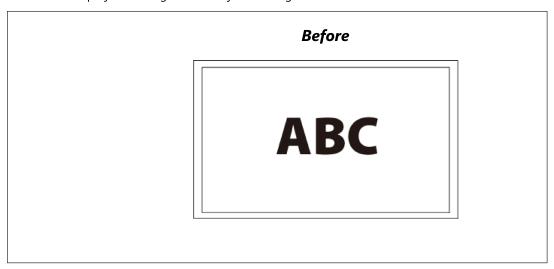


Adjust focus for a balance between the center and edges of the image.

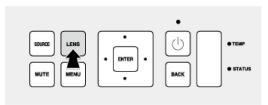
3 Press **BACK** to exit.

Q Zoom

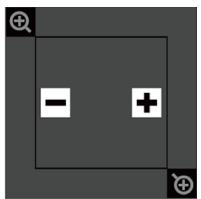
The size of the projected image can be adjusted using zoom.



1 Press the **LENS** button until zoom settings are displayed.



2 Adjust the size of the projected image using the selector $(\triangle/\nabla/\blacktriangleleft/\triangleright)$.



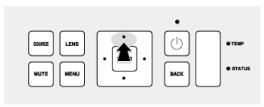
3

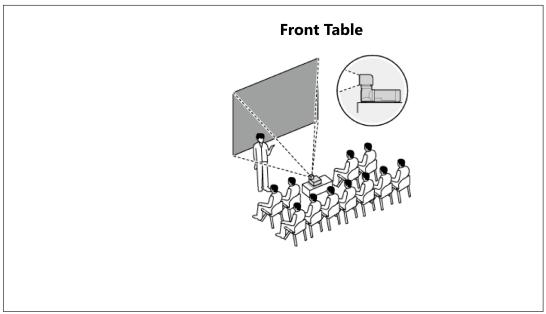
Press **BACK** to exit.

Positioning

Choose an option according to the location of the projector and screen.

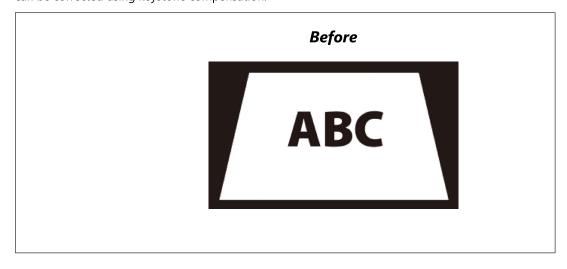
Press the selector up (\triangle) to cycle through options as follows: **Front Table**, **Rear Table**, **Rear Ceiling**, and **Front Ceiling**.

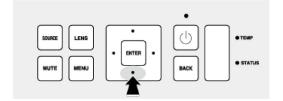




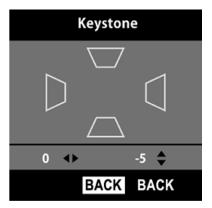
Keystone Compensation

"Keystoning" (where the sides of the projected image are not parallel with the edges of the screen) can be corrected using keystone compensation.





2 Correct keystone distortion using the selector $(\triangle/\nabla/\blacktriangleleft/\triangleright)$.



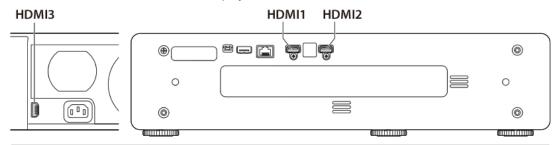
3 Press **BACK** to exit.

Connections

- ▼ Connecting HDMI Devices
- ▼ Connecting Third-Party Video Transmitters
- **▼** PJLink

Connecting HDMI Devices

HDMI devices can be connected via the projector's HDMI 1, HDMI 2, and HDMI 3 connectors.



ACAUTIONS

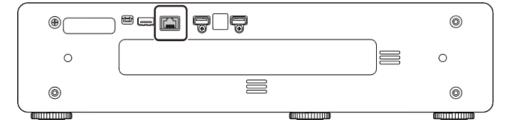
- Switch the projector to standby and confirm that the HDMI device is either off or in standby mode before connecting the cable. After connecting the cable to both devices, turn the projector on first and then turn on the HDMI device.
- Some devices require an adapter and/or a dedicated cable.

■TIP

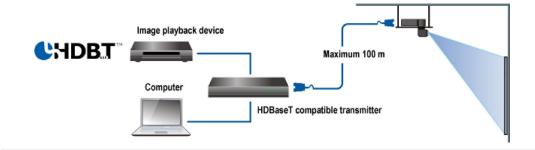
Use the HDMI 3 connector when the projector is in vertical orientation.

Connecting Third-Party Video Transmitters

Third-party video transmitters that support HDBaseT can be connected via the projector's HDBaseT/LAN (RJ45) connector.



Connection Schematic



ACAUTIONS

- Use an STP LAN cable with category 5e shielding or better.
- The maximum distance that video can be transmitted over a LAN cable is 100 m (328 ft).
- Operation is not guaranteed with all HDBaseT-compatible devices or in all operating environments.
- The projector cannot be connected directly to networks operated by mobile
 communications service providers, fixed-network communications service providers,
 Internet service providers, or other telecommunications carriers. Any connection to the
 Internet must be made via a router.
- The HDBaseT input connector is not equipped with a control feature. It supports only images and sound.
- The projector does not support simultaneous use of the HDBaseT input connector with LAN control.

PJLink

The projector conforms to JBMIA PJLink Class 1 standard.

- The port for the PJLink search function is 4352 (UDP).
- The network must be configured appropriately before PJLink can be used.
- Additional information on PJLink is available at the following website: https://pjlink.jbmia.or.jp/english/ (https://pjlink.jbmia.or.jp/english/index.html)

TIPS

- PJLink support is available with LAN controls.
- The projector is a PJLink Class 1 device. Information on command protocols is available at the following website.

https://pjlink.jbmia.or.jp/english/ (https://pjlink.jbmia.or.jp/english/)

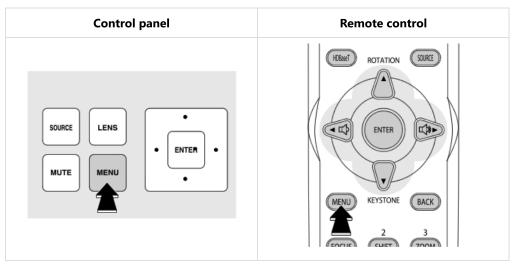
Menus

- ▶ Using the Menus (use_menu/)
- ▶ DISPLAY (display/)
- ▶ PICTURE (picture/)
- ▶ SOURCE (source/)
- ▶ SYSTEM SETUP : Basic (system_setup_basic/)
- ▶ SYSTEM SETUP : Advanced (system_setup_advanced/)
- ▶ INFORMATION (information/)

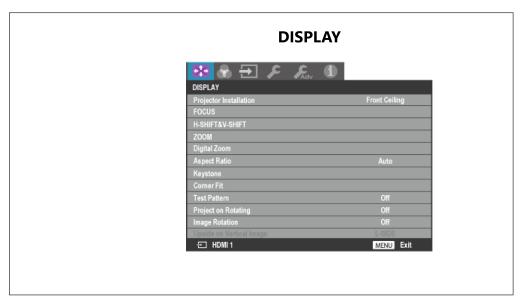
Using the Menus

To view the menus, press the **MENU** button on the control panel or remote control.

1 Press the **MENU** button on the control panel or remote control. The menus will be displayed.



Press ◀ or ▶ to choose a menu.



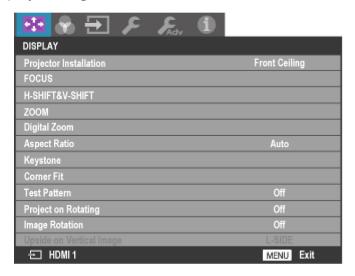
- **3** Press \blacktriangle or \blacktriangledown to highlight items.
- **4** Press **⋖** or **▶** to choose the desired option.

If "ENTER" is displayed when a menu item is highlighted, pressing **ENTER** will display a sub-menu where the selection can be made.

Press **BACK** to save changes and exit.

DISPLAY

Adjust projector display settings.

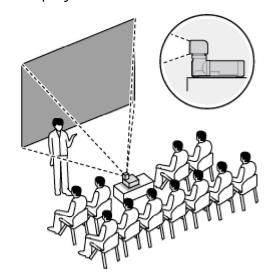


- **▼** Projector Installation
- **▼** FOCUS
- **▼** H-SHIFT&V-SHIFT
- **▼** ZOOM
- ▼ Digital Zoom
- ▼ Aspect Ratio
- ▼ Keystone
- **▼** Corner Fit
- ▼ Test Pattern
- ▼ Project on Rotating
- **▼** Image Rotation
- ▼ Upside on Vertical Image

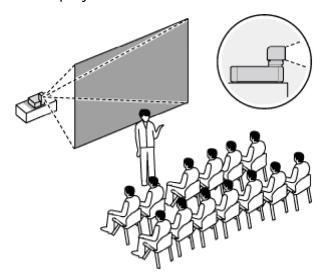
Projector Installation

Choose an option according to the location of the projector and screen.

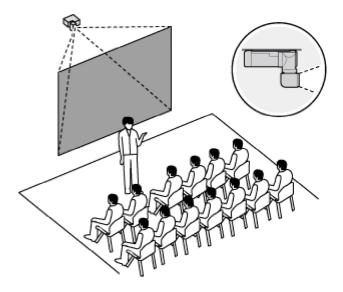
• Front Table: Choose if the projector is on a table in front of the screen.



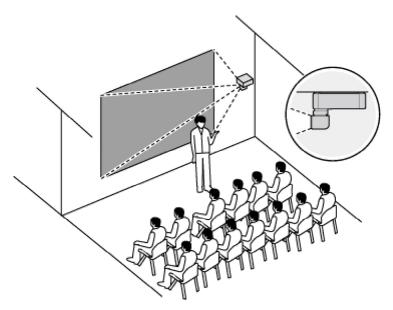
• **Rear Table**: Choose if the projector is on a table behind the screen.



• **Rear Ceiling**: Choose if the projector is suspended from the ceiling behind the screen.



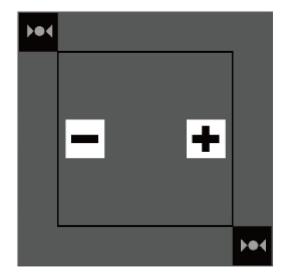
• **Front Ceiling**: Choose if the projector is suspended from the ceiling in front of the screen.



™ FOCUS

Adjust focus.

Press **ENTER** to display the focus dialog and use the selector $(\triangle/\nabla/\blacktriangleleft/\triangleright)$ to adjust focus.

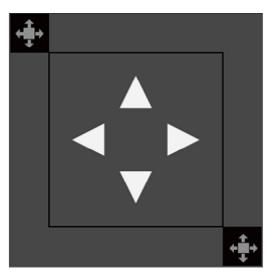


Adjust focus for a balance between the center and edges of the image.

♣ H-SHIFT&V-SHIFT

Position the projected image using lens shift.

Press **ENTER** to display the lens shift dialog and use the selector ($\triangle/\nabla/\blacktriangleleft/\triangleright$) to position the image.

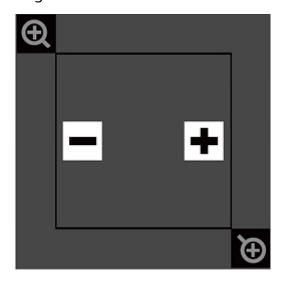


⊕ ZOOM

Adjust the size of the projected image.

Press **ENTER** to display the zoom dialog and use the selector $(\triangle/\nabla/\blacktriangleleft/\triangleright)$ to adjust

the size of the projected image.



Select "-" to make the image smaller, "+" to make it larger.

Digital Zoom

Adjust the size of the projected image using digital zoom.

Press **ENTER** to display the digital zoom dialog and then adjust the size of the image using digital zoom.

Aspect Ratio

Choose the aspect ratio of the projected image.

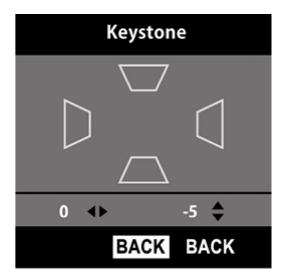
Options				
Auto	Real	4:3	16:9	16:10

Keystone

Use keystone compensation to correct "keystoning" and make the sides of the projected image parallel the edges of the screen.

Press **ENTER** to display the keystone compensation dialog and use the selector

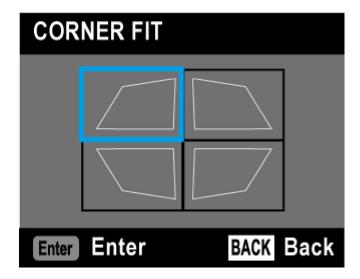
 $(\triangle/\nabla/\blacktriangleleft/\triangleright)$ to correct keystone distortion.



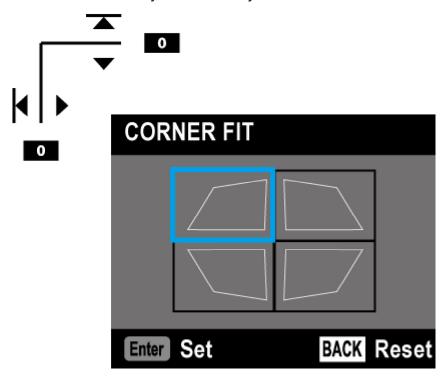
Corner Fit

Position the corners of the projected image to correct distortion.

- **1** Press **ENTER** to display corner fit settings.
- **2** Highlight a corner using the selector ($\triangle/\nabla/\blacktriangleleft/\triangleright$) and press **ENTER**.



Position the corner horizontally and vertically.



4

Press **ENTER** to save changes and exit.

TIPS

- To reset corner fit settings, press BACK; a confirmation dialog will be displayed. Highlight Reset and press ENTER.
- Setup information for firmware versions 1.06 and earlier is available here (fw106_corner_fit.html).
- See here (../information/index.html#current_sys_status) for information on viewing the firmware version.

Test Pattern

Choose a grid or other test pattern for display during installation.

Options				
1 (cross hatching)	2 (grayscale)	3 (color chart)	Off	



To turn the test pattern off, select **Off** in the menu or repeatedly press the **PATTERN** button on the remote control until the pattern is no longer displayed.

Project on Rotating

If **On** is selected, the projector lamp will remain on while the lens is rotated.

Image Rotation

If **Auto** is selected, the projector will automatically detect its orientation and rotate images to match.

Upside on Vertical Image

Choose whether the top of the image appears on the right (**R-SIDE**) or left (**L-SIDE**) when the projector is in portrait orientation.

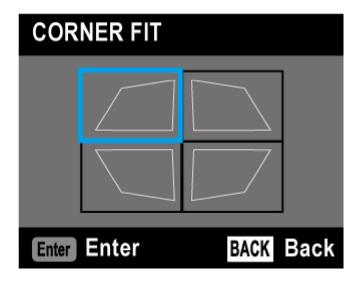


This setting applies only when **Auto** is selected for **Image Rotation**.

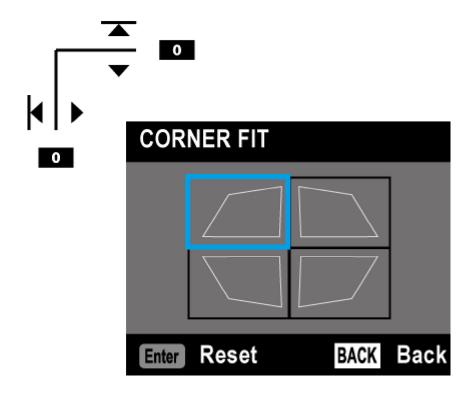
Corner Fit (Firmware versions 1.06 and earlier)

Position the corners of the projected image to correct distortion.

- **1** Press **ENTER** to display corner fit settings.
- **2** Highlight a corner using the selector ($\triangle/\nabla/\blacktriangleleft/\triangleright$) and press **ENTER**.



3 Position the corner horizontally and vertically.



4

Press **BACK** to save changes and exit.



To reset any changes, press **ENTER**.

PICTURE

Adjust settings for the projected image.



- **▼** Picture Mode
- **▼** Brightness
- ▼ Contrast
- ▼ Sharpness
- **▼** Gamma
- ▼ Color Temperature
- ▼ Color Temperature Fine Tuning
- ▼ Reset Picture Setting

Picture Mode

Choose a picture mode.

Option	Description
Standard	The standard picture mode.
Bright	For use in bright locations.
sRGB	Colors are displayed using the sRGB color space.
Cinema	For use in theaters or other dark locations.

Brightness

Adjust brightness. Choose from values between **0** and **100**.

Contrast

Adjust contrast. Choose from values between -50 and 50.

Sharpness

Adjust the sharpness of outlines. Choose from values between **0** and **31**.

Gamma

Choose a gamma value for the projected image. Choose from values between 1 and 10.

Color Temperature

Choose the color temperature of the projected image.

Option	Description
Cool	Choose for a "cool" color cast that brings out blues.
Normal	Choose for a normal-looking image.
Warm	Choose for a "warm" color cast that brings out reds.

Color Temperature Fine Tuning

Fine-tune color temperature.

After pressing **ENTER** to display advanced color temperature options, use \triangle or ∇ to highlight options and \triangleleft or \triangleright to adjust.

Option	Description
R Gain	Adjust the contrast of reds. Choose from values between 0 and 100 . The lower the value, the lower the contrast; the higher the value, the higher the contrast.
G Gain	Adjust the contrast of greens. Choose from values between 0 and 100 . The lower the value, the lower the contrast; the higher the value, the higher the contrast.
B Gain	Adjust the contrast of blues. Choose from values between 0 and 100 . The lower the value, the lower the contrast; the higher the value, the higher the contrast.
R Offset	Adjust the brightness of reds. Choose from values between -50 and 50 . Lower values reduce brightness, while higher values increase it.
G Offset	Adjust the brightness of greens. Choose from values between -50 and 50 . Lower values reduce brightness, while higher values increase it.
B Offset	Adjust the brightness of blues. Choose from values between -50 and 50 . Lower values reduce brightness, while higher values increase it.

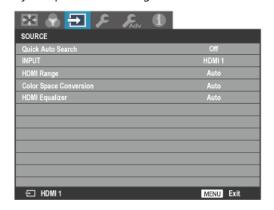
Reset Picture Setting

Reset all items in the picture menu to their default values.

To reset settings, press **ENTER** to display the reset menu, highlight **All**, and press **ENTER** again.

SOURCE

Adjust input source settings.



- ▼ Quick Auto Search
- **▼** INPUT
- ▼ HDMI Range
- ▼ Color Space Conversion
- **▼** HDMI Equalizer

Quick Auto Search

Choose **On** for automatic input source detection.

INPUT

Choose an input source.

Options			
HDMI 1	HDMI 2	HDMI 3	HDBaseT

HDMI Range

Choose the HDMI range.

Options			
Auto	Full	Limited	

TIPS

- At the default setting of **Auto**, the projector will automatically select **Full** or **Limited** according to the source.
- Choose an HDMI range for optimal output as required for the source.

Color Space Conversion

Choose the color space in which images are displayed.

Options		
Auto	RGB	YUV

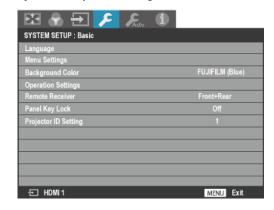
HDMI Equalizer

Adjust settings for the transmission of HDMI data.

Options					
Auto	lower	low	middle	high	higher

SYSTEM SETUP: Basic

Adjust basic system settings.



- ▼ Language
- **▼** Menu Settings
- **▼** Background Color
- ▼ Operation Settings
- **▼** Remote Receiver
- ▼ Panel Key Lock
- ▼ Projector ID Setting

Language

Choose the language in which menus and messages are displayed.

Menu Settings

Adjust menu display settings.

Press ENTER to display options and then select the desired item.

Menu display time

Choose how the menus are displayed.

Select **Always** to display the menus indefinitely.

Options				
5 sec	10 sec	20 sec	30 sec	Always

Menu position

Choose where the menus are displayed.

Options				
Center	Bottom-Left	Bottom-Right	Top-Left	Top-Right

Reminder Message

Select **On** to display alerts.

Background Color

Choose the menu background color.

Options				
FUJIFILM (Blue)	FUJIFILM (Black)	Black	Blue	

Operation Settings

Adjust timer and other settings.

Press ENTER to display options and then select the desired item.

Direct Power On

If **On** is selected, the projector will turn on automatically when connected to an input device.

Auto Power Off

Choose the delay before the projector turns off automatically.

			Options			
Disable	3 min	10 min	15 min	20 min	25 min	30 min

Blank Timer

Choose the delay before the display turns off automatically.

Options						
Disable	5 min	10 min	15 min	20 min	25 min	30 min

Sleep Timer

Choose the delay before the projector enters sleep mode.

Options								
	Disable	30 min	1 hr	2 hr	3 hr	4 hr	8 hr	12 hr

Remote Receiver

Choose the remote receivers used.

	Options	
Front+Rear	Front	Rear

Panel Key Lock

Selecting **On** displays a confirmation dialog.

Select Yes to lock the buttons on the projector control panel.

Projector ID Setting

Choose the projector ID.

The ID can be set to any number between **1** through **99**. The factory default is **OFF**. When **OFF** is selected, the projector can be controlled by any remote whatever its ID.



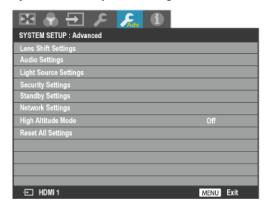
The remote control must be matched to the selected ID. To do so, hold the **IDSET** button on the remote control and enter the projector ID.

For example, if the projector ID were set to "2", you would hold the IDSET button on the remote control while pressing first 0 and then 2.

Use the keys on the projector control panel to choose the projector ID.

SYSTEM SETUP: Advanced

Adjust advanced system settings.



- ▼ Lens Shift Settings
- ▼ Audio Settings
- ▼ Light Source Settings
- ▼ Security Settings
- ▼ Standby Settings
- ▼ Network Settings
- ▼ High Altitude Mode
- ▼ Reset All Settings

Lens Shift Settings

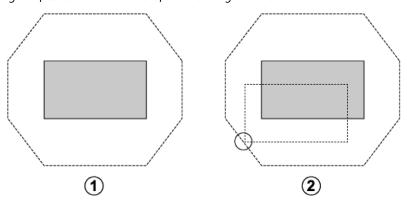
Adjust lens shift options.

Press ENTER to display options and then select the desired item.

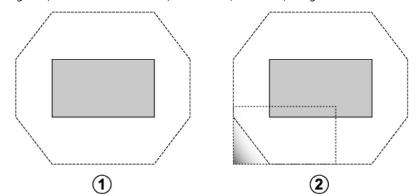
Shift Area

Choose how much the lens can be shifted.

- Limited: Lens shift is restricted, preventing any portion of the image being eclipsed.
 - 1 Lens centered
 - 2 Image shifted down and to the left: entire image visible



- Full: The lens can be shifted throughout its range.
 - 1 Lens centered
 - 2 Image shifted down and to the left: bottom left corner of image not visible



Auto Lens Shift

If **On** is selected, the lens will automatically be restored to the last-used lens shift position after being rotated.

Audio Settings

Adjust audio settings.

Press ENTER to display options and then select the desired item.

Mute

Select **On** to mute audio.

Volume

Adjust volume.

Light Source Settings

Adjust light source settings.

Press ENTER to display options and then select the desired item.

Light Source Mode

Choose a light-source brightness mode.

	Options	
Normal (100%)	Economic (70%)	Dimmer (25%)

Dynamic Black

The projector automatically detects when the entire image is black and turns the laser off. The laser turns on automatically when the image changes.

Light Source Information

View information about the light source.

Option	Description			
Light Source Usage Time	The length of time the light source has been on.			
Normal	The length of time the light source has been on with Normal selected for Light Source Mode .			
Economic	The length of time the light source has been on with Economic selected for Light Source Mode .			
Dimmer	The length of time the light source has been on with Dimmer selected for Light Source Mode .			
Equivalent Light Source Hour	The length of time the laser has been on.			

Security Settings

Adjust security settings.

Press ENTER to display options and then select the desired item.

Change password

Press ENTER and change the password.

Change Security Settings

Press ENTER and adjust security settings.

Power on Lock

If **On** is selected, users will be prompted to enter a password when the projector is turned on.

This option applies only if a password has been specified.

Standby Settings

Adjust network standby settings.

Press ENTER to display options and then select the desired item.

Network

Press ENTER to display network standby options and then select the desired item.

- **Enable Network Standby Mode**: Select **On** to enable network standby mode when the projector is on standby. The indicator lamp will flash amber.
- Switch to Normal Standby Mode: Choose the network standby time.

Options					
Off	20 min	1 hr	3 hr	6 hr	

Network Settings

Adjust network settings.

Press ENTER to display options, then adjust them as desired.

Option	Description	
Status	View network status.	
DHCP	Select On when using the Dynamic Host Configuration Protocol (DHCP).	
IP Address	Enter an IP address.	
Subnet Mask	Enter a sub-net mask.	
Default Gateway	Enter the default gateway address.	
DNS Server	Enter a DNS server address.	
Apply	Press ENTER to apply the above settings.	

High Altitude Mode

When using the product at high altitudes (above 1,500 m/4,900 ft), select **Enable** for **High Altitude Mode** to ensure that the product's internal temperature-control mechanism functions correctly. Failure to observe this precaution could shorten the life of the product's parts.

Reset All Settings

Reset all projector settings to their default values.

To reset settings, press **ENTER** to display a confirmation dialog, highlight **Reset**, and press **ENTER** again.

ACAUTIONS

- Reset All Settings does not reset the following:
 - DISPLAY > FOCUS
 - DISPLAY > H-SHIFT&V-SHIFT
 - o DISPLAY > ZOOM
 - SOURCE > INPUT
 - SYSTEM SETUP: Basic > Language
 - o SYSTEM SETUP: Basic > Panel Key Lock
 - o SYSTEM SETUP: Advanced > Security Settings
 - SYSTEM SETUP : Advanced > Network Settings
 - o SYSTEM SETUP: Advanced > High Altitude Mode
- A list of the settings restored by selecting Reset All Settings can be found here
 (../../technical_notes/menu_list/index.html#menu_list).
- To reset picture settings, select **Reset Picture Setting** in the **PICTURE** tab.

INFORMATION

Current System Status

View current system status.



Source	The option selected for INPUT in the SOURCE menu.
Picture Mode	The option selected for Picture Mode in the PICTURE menu.
Light Source Mode	The option selected for Light Source Settnigs > Light Source Mode in the SYSTEM SETUP : Advanced menu.
Resolution	The resolution of the image output by the projector.
Light Source Usage Time	The length of time the projector light source has been on.
Projector ID Setting	The ID selected for Projector ID Setting in the SYSTEM SETUP : Basic menu.
Firmware Version	The current projector firmware version.

Technical Notes

- ▶ Main Specifications (spec/)
- Menu List (menu_list/)
- ▶ Supported Resolutions (support_resolution/)
- ▶ Projection Distance (projection_distance/)
- ▶ Trademark Information (trademark/)

Main Specifications

Specifications

	Model name	FP-Z5000		
	Size	0.65-inch, 16:9 aspect ratio		
DLP chip	Display method	1Chip DLP		
·	Resolution	2,073,600 pixels (1920 x 1080)		
	Туре	Folded two-axial rotatable lens		
	Lens Shift	Electrical: V±82% H±35%		
	Zoom	Electrical: x1.0 - x1.1		
Lens	Focus	Electrical		
	Throw ratio (TR) ¹	0.34 (Wide) - 0.37 (Telephoto)		
	Focal length	f=5.0mm(Wide) - 5.5mm (Telephoto)		
	F No.	F2.4(Wide) - F2.49 (Telephoto)		
	Light source	Laser diode		
Brightness		5,000 lm		
Contrast ratio		12,000 : 1		
Projected image size		70 - 300 inches, approx. 0.5m - 2.3m		
Audio output		10W × 1		
	Horizontal	15k-102kHz		
Scanning frequency	Vertical	23–120Hz		
Maximum dis	splay resolution (W x H)	1920 × 1080		
	НОМІ	3 terminals		
Input/output	HDBaseT/LAN	1 terminal RJ-45		
terminals	USB (DC5V/1.5A output)	1 terminal Type A		
Usage environment	Operating temperature	0–40 °C/32–104 °F (without condensation)		
	Storage temperature	-10-50 °C/14-122 °F (without condensation)		
	Power supply	AC100V - 240V 50/60Hz		
Maximum power consumption		700W		
Power cor	nsumption (on standby)	0.5W		
Dimensions		470mm (W) \times 375mm (D) \times 108mm (H)/18.5 in. (W) \times 14.8 in. (D) \times 4.3 in. (H) (when the lens is folded in, excluding protrusions)		
	Weight	Approx. 12.5kg/27.6 lb.		

Accessories included

Remote control (Class 2 laser), 2 AAA batteries, lens cap,HDMI cable (1.8m), power supply cable (3.0m) 2 vertical installation stands, simplified user manual

1. Throw ratio (TR) is the ratio of the projection distance to the screen width.

 \triangle CAUTION

Specifications and Product appearance are subject to change without notice.

Menu List

Menu Hierarchy and Default Settings

Consult the following table for information on such topics as the menu hierarchy, defaults, and the items reset using **SYSTEM SETUP: Advanced** > **Reset All Settings**.

	ltem	Options (defaults in bold)	Reset All Settings	Reset Picture Setting
	Projector Installation	Front Table / Rear Table / Rear Ceiling / Front Ceiling	V	_
	FOCUS	-	_	_
	H-SHIFT&V-SHIFT	-	_	_
	ZOOM	-	_	_
	Digital Zoom	Numeric display: 1.0X — 1.8X	V	_
	Aspect Ratio	Auto / Real / 4:3 / 16:9 / 16:10	V	_
DISPLAY	Keystone	Horizontal: -30 — 0 — 30 Vertical: -30 — 0 — 30	V	_
	Corner Fit	Top-Left / Top-Right / Bottom-Left / Bottom-Right (Horizontal: 0 — 60 / Vertical: 0 — 60)	V	_
	Test Pattern	1/2/3/ Off	V	_
	Project on Rotating	On / Off	V	_
	Image Rotation	Auto / Off	V	_
	Upside on Vertical Image	L-SIDE / R-SIDE	V	_
	Picture Mode	Standard / Bright / sRGB / Cinema	V	_
	Brightness	0 — 50 — 100	_	~
	Contrast	-50 — 0 — 50	_	~
	Sharpness	0 — 15 — 31	_	~
	Gamma	1 — 5 — 10	_	~
PICTURE	Color Temperature	Cool / Normal / Warm	_	V
	Color	R / G / B Gain: 0 — 50 — 100	_	V
	Temperature Fine Tuning	R / G / B Offset: -50 — 0 — 50	_	V
	Reset Picture Setting	All / Cancel	V	_
SOURCE	Quick Auto Search	On / Off	V	_
	INPUT	HDMI 1 / HDMI 2 / HDMI 3 / HDBaseT	_	-

	Item	Options (defaults in bold)	Reset All Settings	Reset Picture Setting
	HDMI Range	Auto / Full/ Limited	V	_
	Color Space Conversion	Auto / RGB / YUV	V	_
	HDMI Equalizer	Auto / lower/ low/ middle/ high/ higher	V	_
	Language	Varies with region of sale.	_	_
		Menu display time: Always / 30 sec / 20 sec / 10 sec / 5 sec	V	_
	Menu Settings	Menu position: Center / Bottom-Left / Bottom-Right / Top-Left / Top-Right	V	_
		Reminder Message: On / Off	V	_
	Background Color	FUJIFILM (Blue) / FUJIFILM (Black) / Black / Blue	V	_
SYSTEM	Operation Settings	Direct Power On: Off / On	V	_
SETUP : Basic		Auto Power Off: Disable / 3 / 10 / 15 / 20 / 30 min	V	_
		Blank Timer: Disable / 3 / 10 / 15 / 20 / 30 min	V	_
		Sleep Timer: Disable / 30 min / 1 / 2 / 3 / 4 / 8 / 12 hr	V	_
	Remote Receiver	Front+Rear / Front / Rear	V	_
	Panel Key Lock	On / Off	_	_
	Projector ID Setting	1 — 99 / Off	V	_
SYSTEM	Lens Shift Settings	Shift Area: Full / Limited	V	_
SETUP : Advanced	Lens Simit Settings	Auto Lens Shift: On / Off	V	_
	Audio Settings	Mute: On / Off	V	_
	Addio Settings	Volume: 0 — 5 — 10	V	_
		Light Source Mode: Normal / Economic / Dimmer	V	_
	Light Source Settings	Dynamic Black: On / Off	V	_
		Light Source Information: Light Source Usage Time	_	_
		Change password	_	_
	Security Settings	Change Security Settings	_	_
		Power on Lock: On / Off	_	_
	Network	Enable Network Standby Mode: On / Off	V	_
	Network	Switch to Normal Standby Mode: Off / 20 min / 1 / 3 / 6 hr	V	_
	Network Settings	Wired LAN: Status: Disconnect / Connect	_	_

ltem	Options (defaults in bold)	Reset All Settings	Reset Picture Setting
	DHCP: On / Off	V	_
	IP Address	_	_
	Subnet Mask	_	_
	Default Gateway	_	_
	DNS Server	_	_
	MAC Address	-	_
High Altitude Mode	On / Off	_	_
Reset All Settings	Reset / Cancel	V	_

Supported Resolutions

Image quality may be reduced if the resolution of the input signal exceeds the resolution of the projector's panel.

HDMI/HDBaseT

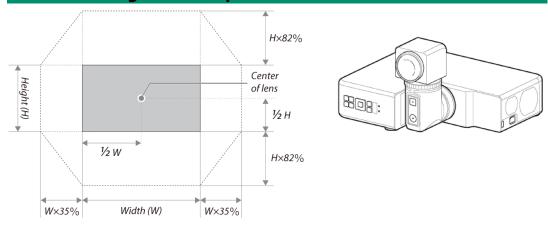
Signal	Resolution (pixels)	Refresh rate (Hz)
VGA	640 × 480	60
SVGA	800 × 600	60
XGA	1024 × 768	60
	1280 × 768	60
WXGA	1280 × 800	60
	1366 × 768	60
SXGA	1280 × 960	60
SAGA	1280 × 1024	60
SXGA+	1400 × 1050	60
WXGA+	1440 × 900	60
WSXGA+	1680 × 1050	60
UXGA	1600 × 1200	60
WUXGA	1920 × 1200	60
SDTV(480i)	720 × 480	60
SDTV(480p)	720 × 480	60
SDTV(576i)	720 × 576	50
SDTV(576p)	720 × 576	50
HDTV(720p)	1280 × 720	60 /50
HDTV(1080i)	1920 × 1080	60 /50
HDTV(1080p)	1920 × 1080	60 /50

Projection Distance

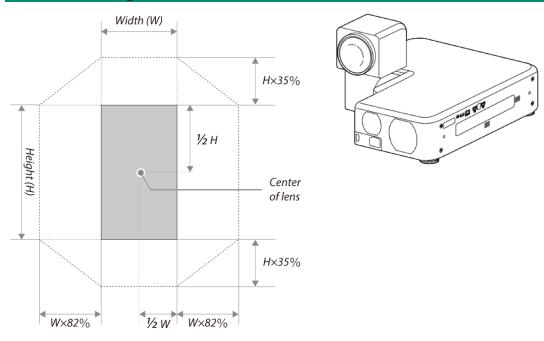
- ▼ Lens Shift Range
- ▼ Projection Distance Tables

Lens Shift Range

Lens Shift Range: Landscape Orientation

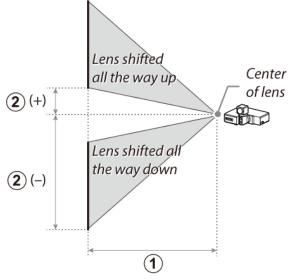


Lens Shift Range: Portrait Orientation



Projection Distance Tables

Landscape Orientation



More details on projection distance are available via a simulator on the Fujifilm website:

https://www.fujifilm.com/ (https://www.fujifilm.com/)

- ① Projection distance (cm/in), minimum (projector zoomed all the way out) to maximum (projector zoomed all the way in)
- ② Vertical distance from center of lens to bottom of screen (cm/in)

Screen dimensions (16:9)		1 Projection	2 Vertical shift
Diagonal (in)	W × H (cm/in)	distance (cm/in) min. zoom-max. zoom	(cm/in) lowest to highest
70	155 × 87 /	52— 57 /	-115 — 28 /
	61.0 × 34.3	20.5—22.4	-45.3 to +11.0
80	177 × 100 /	59 — 65 /	-131 — 32 /
	69.7 × 39.4	23.2—25.6	-51.6 to +12.6
90	199 × 112 /	67 — 74 /	-148 — 36 /
	78.3 × 44.1	26.4—29.1	-58.3 to +14.2
100	221 × 125 /	75 — 82 /	-164 — 40 /
	87.0 × 49.2	29.5—32.3	-64.6 to +15.7
120	266 × 149 /	90 — 99 /	-197 — 48 /
	104.7 × 58.7	35.4—39.0	-77.6 to +18.9
150	332 × 187 /	113 — 124 /	-247 — 60 /
	130.7 × 73.6	44.5—48.8	-97.2 to +23.6
200	443 × 249 /	151 — 166 /	-329 — 80 /
	174.4 × 98.0	59.4—65.4	-129.5 to +31.5
250	553 × 311 /	189 — 208 /	-411 — 100 /
	217.7 × 122.4	74.4—81.9	-161.8 to +39.4
300	664 × 374 /	227 — 250 /	-493 — 120 /
	261.4 × 147.2	89.4—98.4	-194.1 to +47.2

Screen dimens	sions (16:10)	1 Projection	2 Vertical shift
Diagonal (in)	W × H (cm/in)	distance (cm/in) min. zoom-max. zoom	(cm/in) lowest to highest
70	151 × 94 /	56 — 62 /	-124 — 30 /
	59.4 × 37.0	22.0— 24.4	-48.8 to +11.8
80	172 × 108 /	64 — 71 /	-142 — 34 /
	67.7 × 42.5	25.2 — 28.0	-55.9 to +13.4
90	194 × 121 /	72 — 80 /	-160 — 39 /
	76.4 × 47.6	28.3 — 31.5	-63.0 to +15.4
100	215 × 135 /	81 — 89 /	-178 — 43 /
	84.6 × 53.1	31.9 — 35.0	-70.1 to +16.9
120	258 × 162 /	97 — 107 /	-213 — 52 /
	101.6 × 63.8	38.2 — 42.1	-83.9 to +20.5
150	323 × 202 /	122 — 134 /	-267 — 65 /
	127.2 × 79.5	48.0 — 52.8	-105.1 to +25.6

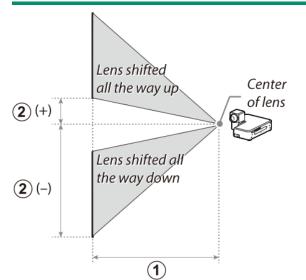
Screen dimensions (16:10)		① Projection ② Vertical s	
Diagonal (in)	W × H (cm/in)	distance (cm/in) min. zoom–max. zoom	(cm/in) lowest to highest
200	431 × 269 / 169.7 × 105.9	163 — 179 / 64.2 — 70.5	-355 — 86 / -139.8 to +33.9
250	538 × 337 / 211.8 × 132.7	204 — 225 / 80.3 — 88.6	-444 — 108 / -174.8 to +42.5
300	646 × 404 / 254.3 × 159.1	245 — 270 / 96.5 — 106.3	-533 — 129 / -209.8 to +50.8

Screen dime	Screen dimensions (4:3)		2 Vertical shift
Diagonal (in)	W × H (cm/in)	distance (cm/in) min. zoom-max. zoom	(cm/in) lowest to highest
60	122 × 91 /	54 — 60 /	-121 — 29 /
	48.0 × 35.8	21.3 — 23.6	-47.6 to +11.4
70	142 × 107 /	64 — 70 /	-141 — 34 /
	55.9 × 42.1	25.2 — 27.6	-55.5 to +13.4
80	163 × 122 /	73 — 80 /	-161 — 39 /
	64.2 × 48.0	28.7 — 31.5	-63.4 to +15.4
90	183 × 137 /	82 — 91 /	-181 — 44 /
	72.0 × 53.9	32.3 — 35.8	-71.3 to +17.3
100	203 × 152 /	92 — 101 /	-201 — 49 /
	79.9 × 59.8	36.2 — 39.8	-79.1 to +19.3
120	244 × 183 /	110 — 121 /	-241 — 59 /
	96.1 × 72.0	43.3 — 47.6	-94.9 to +23.2
150	305 × 229 /	138 — 152 /	-302 — 73 /
	120.1 × 90.2	54.3 — 59.8	-118.9 to +28.7
200	406 × 305 /	185 — 203 /	-402 — 98 /
	159.8 × 120.1	72.8 — 79.9	-158.3 to +38.6
240	488 × 366 /	222 — 244 /	-483 — 117 /
	192.1 × 144.1	87.4 — 96.1	-190.2 to +46.1

■TIP

Figures are approximate, differing from the actual values by a few percent.

Portrait Orientation



More details on projection distance are available via a simulator on the Fujifilm website:

https://www.fujifilm.com/ (https://www.fujifilm.com/)

- ① Projection distance (cm/in), minimum (projector zoomed all the way out) to maximum (projector zoomed all the way in)
- ② Vertical distance from center of lens to bottom of screen (cm/in)

Screen dime	nsions (16:9)		
Diagonal (in)	W × H (cm/in)	distance (cm/in) min. zoom–max. zoom	(cm/in) lowest to highest
70	87 × 155 /	52 — 57 /	-132 — -23 /
	34.3 × 61.0	20.5 — 22.4	-52.0 to -9.1
80	100 × 177 /	59 — 65 /	-151 — -27 /
	39.4 × 69.7	23.2-25.6	-59.4 to -10.6
90	112 × 199 /	67 — 74 /	-169 — -30 /
	44.1 × 78.3	26.4 — 29.1	-66.5 to -11.8
100	125 × 221 /	75 — 82 /	-188 — -33 /
	49.2 × 87.0	29.5 — 32.3	-74.0 to -13.0
120	149 × 266 /	90 — 99 /	-226 — -40 /
	58.7 × 104.7	35.4 — 39.0	-89.0 to -15.7
150	187 × 332 /	113 — 124 /	-282 — -50 /
	73.6 × 130.7	44.5 — 48.8	-111.0 to -19.7
200	249 × 443 /	151 — 166 /	-376 — -66 /
	98.0 × 174.4	59.4 — 65.4	-148.0 to -26.0
250	311 × 553 /	189 — 208 /	-470 — -83 /
	122.4 × 217.7	74.4 — 81.9	-185.0 to -32.7
300	374 × 664 /	227 — 250 /	-565 — -100 /
	147.2 × 261.4	89.4 — 98.4	-222.4 to -39.4

Screen dime	ensions (16:10) W × H (cm/in)	① Projection	② Vertical shift (cm/in) lowest to highest
Diagonal (in)		distance (cm/in) min. zoom-max. zoom	
70	94 × 151 /	56 — 62 /	-134 — -17 /
	37.0 × 59.4	22.0 — 24.4	-52.8 to -6.7
80	108 × 172 /	64 — 71 /	-153 — -19 /
	42.5 × 67.7	25.2 — 28.0	-60.2 to -7.5
90	121 × 194 /	72 — 80 /	-172 — -22 /
	47.6 × 76.4	28.3 — 31.5	-67.7 to -8.7
100	135 × 215 /	81 — 89 /	-191 — -24 /
	53.1 × 84.6	31.9 — 35.0	-75.2 to -9.4
120	162 × 258 /	97 — 107 /	-230 — -29 /
	63.8 × 101.6	38.2 — 42.1	-90.6 to -11.4
150	202 × 323 /	122 — 134 /	-287 — -36 /
	79.5 × 127.2	48.0 — 52.8	-79.5 to -14.2
200	269 × 431 /	163 — 179 /	-383 — -48 /
	105.9 × 169.7	64.2 — 70.5	-105.9 to -18.9
250	337 × 538 /	204 — 225 /	-479 — -60 /
	132.7 × 211.8	80.3 — 88.6	-188.6 to -23.6
300	404 × 646 /	245 — 270 /	-574 — -72 /
	159.1 × 254.3	96.5 — 106.3	-226.0 to -28.3

Screen dimensions (4:3)		1 Projection	② Vertical shift
Diagonal (in)	W × H (cm/in)	distance (cm/in) min. (zoom–max. zoom	(cm/in) lowest to highest
60	91 × 122 / 35.8 × 48.0	54 — 60 / 21.3 — 23.6	-118 — -4 / -46.5 to -1.6

Screen dimensions (4:3)		1 Projection	2 Vertical shift
Diagonal (in)	W × H (cm/in)	distance (cm/in) min. zoom–max. zoom	(cm/in) lowest to highest
70	107 × 142 /	64 — 70 /	-137 — -5 /
	42.1 × 55.9	25.2 — 27.6	-53.9 to -2.0
80	122 × 163 /	73 — 80 /	-157 — -5 /
	48.0 × 64.2	28.7 — 31.5	-61.8 to -2.0
90	137 × 183 /	82 — 91 /	-177 — -6 /
	53.9 × 72.0	32.3 — 35.8	-69.7 to -2.4
100	152 × 203 /	92 — 101 /	-196 — -7 /
	59.8 × 79.9	36.2 — 39.8	-77.2 to -2.8
120	183 × 244 /	110 — 121 /	-236 — -8 /
	72.0 × 96.1	43.3 — 47.6	-92.9 to -3.1
150	229 × 305 /	138 — 152 /	-295 — -10 /
	90.2 × 120.1	54.3 — 59.8	-116.1 to -3.9
200	305 × 406 /	185 — 203 /	-393 — -14 /
	120.1 × 159.8	72.8 — 79.9	-154.7 to -5.5
240	366 × 488 /	222 — 244 /	-471 — -16 /
	144.1 × 192.1	87.4 — 96.1	-185.4 to -6.3



Figures are approximate, differing from the actual values by a few percent.

Trademark Information

- Trademark PJLink is a trademark applied for trademark rights in Japan, the United States of America and other countries and areas.
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