



## User's Manual

---

1. Usage Notice

---

2. Introduction

---

3. Basic Operations

---

4. User Settings

---

5. Memroy Viewer

---

6. Wireless Projection

---

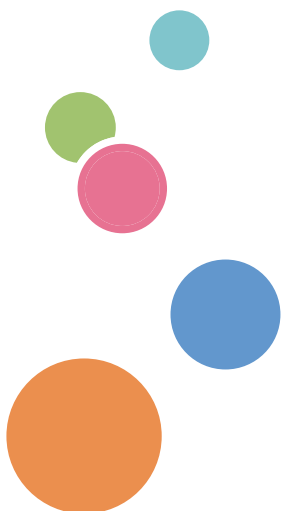
7. LAN Control

---

8. Troubleshooting

---

9. Appendices



Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Precautions in this manual before using the machine.



<b>Contents .....</b>	<b>01</b>
<b>Usage Notice.....</b>	<b>04</b>
<i>Precautions .....</i>	<i>04</i>
<i>Remote Control Battery .....</i>	<i>10</i>
<i>Safety indications of this machine .....</i>	<i>11</i>
<i>Eye protection .....</i>	<i>14</i>
<i>About Ceiling Mount .....</i>	<i>16</i>
<i>Installing this machine .....</i>	<i>18</i>
<i>Handling a Wireless LAN .....</i>	<i>20</i>
<i>Regulation &amp; Safety Notices.....</i>	<i>21</i>
<i>Power Switch Symbols .....</i>	<i>29</i>
<i>Other Information.....</i>	<i>30</i>
<i>Copyrights of third party software .....</i>	<i>31</i>
<i>Cautions when using LAN.....</i>	<i>31</i>
<b>Introduction.....</b>	<b>32</b>
<i>Package Overview.....</i>	<i>32</i>
<i>Product Overview.....</i>	<i>33</i>
<i>Connection Ports .....</i>	<i>34</i>
<i>Control Panel and Indicators.....</i>	<i>35</i>
<i>Remote Control.....</i>	<i>36</i>
<i>Installation of Remote Control Batteries .....</i>	<i>38</i>
<i>Remote Control Operating Range .....</i>	<i>39</i>
<i>Installing the Projector.....</i>	<i>40</i>
<i>Precautions for installing the projector .....</i>	<i>41</i>
<b>Basic Operations.....</b>	<b>43</b>
<i>Connecting a Computer (Connect to Computer/Notebook) .....</i>	<i>43</i>
<i>Connecting a Audio Device (Audio) and the Remote Controller.....</i>	<i>44</i>
<i>Connecting a USB Device .....</i>	<i>45</i>
<i>Using the power cord stopper .....</i>	<i>46</i>
<i>Installing the power cord stopper .....</i>	<i>46</i>
<i>Disconnecting the power cord stopper .....</i>	<i>47</i>
<i>Powering On/Off the Projector .....</i>	<i>48</i>
<i>Powering on the Projector.....</i>	<i>48</i>
<i>Power off the projector.....</i>	<i>49</i>
<i>Input Source Signal Selection .....</i>	<i>50</i>
<i>Adjust the Projector Focus .....</i>	<i>51</i>

# Contents

Adjust the projected image .....	52
Adjust the position of the projected image .....	52
Adjust the screen size .....	53
Operations while Projecting Images.....	55
Adjusting the Volume of the Speaker .....	55
Enlarging the Image .....	56
Temporarily Blanking the Image and Muting the Audio .....	57
Using the Presentation Timer .....	58
The dongle storage cover .....	59
<b>User Settings.....</b>	<b>63</b>
The Menu Screen (OSD).....	63
How to operate the Menu .....	63
Image Adjustment .....	64
Screen.....	67
Default settings.....	77
Audio .....	80
Options .....	81
Display Status .....	86
Viewing via USB Memory .....	87
Displaying the Memory Viewer Screen .....	88
<b>Wireless Projection.....</b>	<b>91</b>
Viewing via WiFi.....	91
Use of wireless projection .....	91
Wireless Projection Settings.....	92
Control the projector via LAN.....	93
Control the Projector with Web Browser (Web Control) .....	95
Access from the Web Browser (PC).....	95
How to update the firmware .....	100
Access from the Web Browser (Smart Phone).....	102
Control the Projector via the Projector Management Utility .....	104
Monitoring the Projector Using RICOH PJ Monitoring & Setting Software .....	108
<b>Troubleshooting .....</b>	<b>110</b>
<b>Maintenance .....</b>	<b>116</b>
Before Maintenance .....	116
Clean casing of your projector .....	116

*Clean the projection window* .....116

***Appendices*** .....117

*List of Compatible Signals* .....117

*Configurations of Terminals*.....119

*Specifications* .....121

*External Dimensions* .....123

*Trademarks* .....124

# Usage Notice

## Precautions

*Follow all warnings, precautions and maintenance as recommended in this user's guide to maximize the life of your unit.*

- **Warning-** Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.
  
- **Caution-** Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.
  - **Warning-** Do not place vases, plant pots, cups, toiletries, medicines, small metal objects, or containers holding water or any other liquids, on or close to this machine. Fire or electric shock could result from spillage or if such objects or substances fall inside this machine.
  - **Warning-** Do not use flammable sprays or solvents in the vicinity of this machine. Also, avoid placing these items in the vicinity of this machine. Doing so could result in fire or electric shock.
  - **Warning-** Keep the projector and attachments out of the reach of children. If the projector is near children, it may cause injury.
  - **Warning-** Plastic bags can be dangerous, please do not leave near babies and young children. To avoid the threat of suffocation, please keep away from their nose and mouth.
  - **Warning-** Do not use any power sources other than those that match the specifications shown in this manual. Doing so could result in fire or electric shock.
  - **Warning-** Do not damage, break, or modify the power cord. Also, do not place heavy objects on the power cord, or pull the cord or bend it severely. Doing so could result in fire or electric shock.
  - **Warning-** Touching the prongs of the power cable's plug with anything metallic constitutes a fire and electric shock hazard.
  - **Warning-** The supplied power cord is for use with this machine only. Do not use it with other appliances. Also, do not use it with other appliances. Also, do not use power

# Usage Notice

- cord other than the one supplied with this machine. Doing so could result in fire or electric shock.
- Warning- It is dangerous to handle the power cord plug with wet hands. Doing so could result in electric shock.
  - Warning- Be sure to disconnect the plug from the wall outlet at least once a year and check for the following:
    - There are burn marks on the plug.
    - The prongs on the plug are deformed.If any of the above conditions exist, do not use the plug and consult your dealer or service representative. Use of the plug could result in fire or electric shock.
  - Warning- Be sure to disconnect the power cord from the wall outlet at least once a year and check for the following:
    - The power cord's inner wires are exposed, broken, etc.
    - The power cord's coating has a crack or dent.
    - When bending the power cord, the power turns off and on.
    - Part of the power cord becomes hot.
    - The power cord is damaged.If any of the above conditions exist, do not use the power cord and consult your dealer or service representative. Use of the power cord could result in fire or electric shock.
  - Warning- Do not use the connection cable if it is deformed, cracked, or damaged. Doing so could result in fire or electric shock. If the connection cable is deformed, cracked, or damaged, contact your service representative to request a replacement cable.
  - Warning- When using an extension cord or power strip, only connect equipment whose total power consumption is within the power rating for the extension cord or power strip. If the power rating is exceeded, it may cause heat buildup and result in fire.
  - Warning- If the projector emits smoke or odours, or if it behaves unusually, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the projector. Doing so could result in fire or electric shock.
  - Warning- If metal objects, or water or other fluids fall inside

# Usage Notice

this machine, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the projector. Doing so could result in fire or electric shock.

- Warning- Never operate this unit on AC power during a thunderstorm. If you see lightning or hear thunder, never touch the unit, cables and/or peripherals. An electric surge caused by the storm, may result in an electrical shock or damage to the unit.
- Warning- If the projector topples, or if a cover or other part gets broken, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the projector. Doing so could result in fire or electric shock.
- Warning- Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- Warning- Do not remove any covers or screws. There are high voltage components inside the projector that may cause electric shock. Contact your service representative if any of the projector's internal components require maintenance, adjustment, or repair.
- Warning- Do not disassemble or modify the projector. Doing so may cause injury or malfunction.
- Caution- Keep the projector away from humidity and dust. Otherwise a fire or an electric shock might occur.
- Caution- Do not place any objects on the projector. Doing so may cause the projector to topple over, possibly resulting in injury.
- Caution- Do not place the projector on an unstable or tilted surface. If it topples over, an injury might occur.
- Caution- Do not place the projector or use it in an environment where it might get wet such as from snow, rain, or being near water. Doing so could result in fire or electric shock.
- Caution- Do not place or store the projector in a location where direct sunlight or heat generation might occur. The



# Usage Notice

heat may deform or wear out the exterior parts or negatively affect internal parts. Doing so could result in fire.

- Caution- The projector may be very hot after it is turned off, especially the vents.
- Caution- Do not place the projector on other equipment or vice versa. Doing so may cause heat buildup inside the projector or cause the other equipment to malfunction.
- Caution- Do not increase the volume unless you are listening while increasing the volume. Also, lower the volume before turning off the power, because a loud sound may be emitted when the power is turned on and cause hearing damage.
- Caution- Do not place anything in front of the lens while the projector is operating. Things placed in front of the lens may overheat and burn or start a fire.
- Caution- Do not put your face or hand near the exhaust vents. Doing so could result in burns or an accident due to hot air coming from the exhaust vents.
- Caution- Do not use the projector on soft material such as paper or cloth that might get sucked into the intake vents. Doing so may cause heat buildup inside the projector, resulting in malfunction, burns, or fire.
- Caution- Do not place the projector in a location where air flow is poor. Doing so may cause fire due to internal components becoming overheated.
- Caution- Do not place low heat resistant material near the exhaust vents. Hot air may come from the exhaust vents, resulting in damage to the projector or an accident.
- Caution- Do not obstruct the projector's vents. Doing so risks fire caused by overheated internal components.
- Caution- If the projector's interior is not cleaned regularly, dust will accumulate. Fire and breakdown can result from heavy accumulation of dust inside this machine. Contact your sales or service representative for details about and charges for cleaning the projector's interior.
- Caution- Do not use the product in a closed installation location. Do not place the product in a box or in any other closed installation location. Otherwise it may overheat, which could result in a risk of fire.
- Caution- Push the power plug all the way into the power outlet.

# Usage Notice

Do not use a power outlet with a loose connection. Doing so may result in heat buildup. Plug the power cord in the correct direction into the base. If they are not plugged in correctly, it could result in smoke, fire, or electric shock.

- Caution- If this machine is not going to be used for several days or longer at a time, disconnect its power cord from the wall outlet.
- Caution- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.
- Caution- Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year. Allowing dust to build up on the plug constitutes a fire hazard.
- Caution- When performing maintenance on the projector, always disconnect the power cord from the wall outlet.
- Caution- Do not place the power cord and connection cable in a way that might cause someone to trip and fall. The projector might fall over and cause an injury.
- Caution- Unplug the power cord from the wall outlet before you move the projector. While moving the projector, take care that the power cord is not damaged under the projector. Failing to take these precautions could result in fire or electric shock.
- Caution- Do not use attachments not recommended by RICOH. Use of an incompatible attachments could cause hazards or damage to the product.
- Caution- Unplug this product from the wall outlet and take the product to qualified service personnel if you encounter any of the following conditions:
  - a) The power supply cord or plug is damaged.
  - b) Liquid has been spilled, or objects have fallen into the product.
  - c) The product has been exposed to rain or water.
  - d) The product does not operate normally when following the operating instructions. Adjust only those controls that are covered by the operating instructions.
  - e) The product has been dropped or damaged in any way. (If the cabinet should break, please handle with care to avoid injury.)