

# MAGNASONIC

**User Manual**  
Portable Projector  
*PP60 / PP60W*



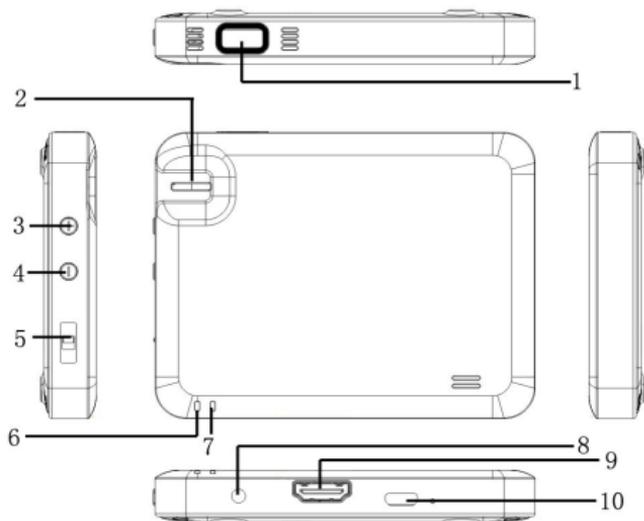
Thank you for your purchase of this Magnasonic product.  
Please read this user manual carefully before using product to ensure  
proper use. Keep this manual in a safe place for future reference.

**[magnasonic.com/support](http://magnasonic.com/support)**

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# COMPONENTS OF PROJECTOR



1. Optical Lens
2. Focusing Wheel
3. Volume Control "+"
4. Volume Control "-"
5. Power ON/OFF
6. System Indicator Light
7. LED Indicator
8. 3.5mm Earphone Jack
9. HDMI Signal Input Port
10. Micro USB Power Input

## **SPECIFICATION**

- Product dimensions: 3.9 X 3.0 X 0.5 inches
- Brightness of projection: Max. 25 lumens
- Projection image size (recommend): 10" ~ 60"
- Projection distance (recommend): 19" – 115"
- Contrast: 1100:1
- Resolution: 640 (H) X 360 (V)
- Screen aspect ratio: 16:9
- Charger specification: 5V/2A
- Built-in battery: 3.7V/2100mA
- Battery projection time: approximately 2 hours
- Build-in loudspeaker: one 1W loudspeaker

# COMPATIBLE DEVICES

Compatible Device	Cable Required	Examples
HDMI™ compatible devices	<p>HDMI™ to HDMI™ cable (included)</p> <p>HDMI™ to HDMI™ cable (included) + mini HDMI™ adapter (not included)</p> <p>HDMI™ to HDMI™ cable (included) + micro HDMI™ adapter (included)</p> <p>None</p>	<p>Devices with standard HDMI™ ports - DVD/Blu Ray players, games consoles, laptops with HDMI™ port, computers, Apple® TV, Roku®, U-verse®</p> <p>Laptops with mini HDMI™ ports, GoPro®</p> <p>Laptops with micro HDMI™ ports, Asus® VivoTab, Sony Vaio T®, Acer® Aspire S7, Lenovo® Twist, Toshiba® U845V, Acer® Aspire v5, Blackberry® Z10</p> <p>Google™ Chromecast, Roku® stick, other streaming media players that plug directly into an HDMI™ port</p>
Apple® devices	<p>HDMI™ to HDMI™ cable (included) + Apple® lightning™ digital AV adapter (not included)</p> <p>HDMI™ to HDMI™ cable (included) + Apple® 30-pin digital AV adapter (not included)</p> <p>HDMI™ to HDMI™ cable (included) + Mini DisplayPort to HDMI™ Adapter (not included)</p>	<p>iPhone® 6 Plus, iPhone® 6, iPhone® 5, iPod® touch 4th gen, iPad® mini 1st gen, iPad® 4th gen</p> <p>iPhone® 4s, iPad® 3rd gen, iPad® 2nd gen, iPhone® 4, iPod® touch 2nd gen, iPad® 1st gen</p> <p>Macbook Air®, MacBook Pro®, iMac®</p>

Apple, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

# INSTRUCTION MANUAL

## I. CHARGING THE PROJECTOR

- 1.1. The Projector is charged using the included micro USB to USB cable.
- 1.2. The LED Indicator Light will illuminate Red to indicate the Projector is currently charging and then revert to Green when the Projector is fully charged. Important: Fully charge the Projector internal battery before first use (approximately 3 to 5 hours). The approximate run-time is 2 hours.
- 1.3. A low battery icon will show on the screen when the Projector battery is low. If the battery is too low, the projector will automatically shut off.

### **WARNING:**

**PLEASE CHARGE THE PROJECTOR EVERY 3 MONTHS**

## 2. SET UP

- 2.1. Connect the HDMI cable (included) to the HDMI port and the other end to your device.

**Note:** Important! Apple® devices require an Apple Digital AV Adapter (sold separately) for HDMI use. For all other devices, check the manufacturer's instructions. Additional adapter specific to your device may be required (e.g. Micro/Mini HDMI).

- 2.2. Connect a speaker to the 3.5mm audio out jack, if desired.

### 3. POWERING UP AND VIEWING MEDIA

- 3.1. Power on the Projector by sliding the Power Switch to on.
- 3.2. Choose the media you would like to view from the menu on your device and play it as you normally would.
- 3.3. The Projector can display media just about anywhere. However, for the best quality, we suggest you find a light colored wall (preferably smooth and white) and place the Projector with its lens facing the location. The Projector can show media up to 60" just move the projector towards and away from the wall to adjust the size of the picture. Dimming room lights will also add to viewing quality.

**Note:** If you are using one of the following device's, you will see your device's screen displaying on the wall.

- iPad (3rd generation)
- Apple laptops with display port to HDMI adapter
- iPad 2
- PC laptop with type A HDMI port

### 4. ADJUSTING VOLUME

Tap the Volume key on the side of the projector to adjust the volume of your video. "+" key can be used to increase volume, "-" key can be used to decrease volume.

## **5. ADJUSTING FOCUS**

Lightly push the Focus Slider on the projector to fine-tune the picture.

### **CAUTION**

DO NOT BLOCK THE AIRFLOW VENTILATIONS ON THE SIDES OF YOUR PROJECTOR. DOING SO MAY RESULT IN OVERHEATING AND DAMAGE TO THE UNIT.

# IMPORTANT SAFETY INSTRUCTIONS

All of the safety and operating instructions should be read, adhered to and followed before the unit is operated. If damage is caused by failure to follow the instructions, the warranty does not apply.

## CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. THERE ARE NO SERVICEABLE PARTS INSIDE.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



The lightning flash with arrow-head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the unit’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

## **DANGER**

To reduce the risk of electric shock, burns, fire or injury:

1. Do not use while bathing or in a shower.
2. Do not place or store unit where it can fall or be pulled into a tub or sink.
3. Do not place in, drop or submerge in water or other liquid.
4. Do not reach for unit that has fallen into water. Unplug it immediately.
5. Care should be taken so that objects do not fall and liquids are not spilled onto the unit.

## **WARNING**

<b>RISK GROUP 2</b>
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CAUTION Possible hazardous optical radiation emitted from this product. Do not stare at operating lamp. Maybe harmful to the eyes.
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1. Close supervision is necessary when this appliance/product is used by or near children.
2. Use this unit only for its intended use as described in this manual.
3. Unplug this unit during lightning storms or when unused for long periods of time.
4. Never drop or insert an object into any opening.
5. Protect the adapter cord from being walked on or pinched, particularly at plug outlets, convenience receptacles and the point where it exits the unit.
6. Do not allow adapter cord to touch hot surfaces. Wrap cord loosely around the unit when storing.
7. The unit should be situated away from direct sunlight or heat

- sources such as radiators, electric heaters, heat registers, stoves, or other units (including amplifiers) that produce heat. Avoid placing on top of stereo equipment that radiates heat.
8. Never block the air openings of the unit with materials such as clothing, plastic bags or papers, or place it on a soft surface such as a bed or couch, where the air openings may be blocked.
  9. Do not overload electrical outlet. Use only the power source as indicated.
  10. Do not carry this unit by cord or use cord as handle.
  11. Never operate this unit if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. If the unit's power supply cord or plug is damaged, do not attempt to fix it yourself.
  12. To avoid the risk of electric shock, do not disassemble or attempt to repair the unit. Incorrect repair can cause risk of electric shock or injury to persons when unit is used.
  13. Do not operate in the presence of explosive and/or flammable fumes.
  14. Never remove the plug from the socket by pulling the power cord.

## **WARNING!**

### **THIS PRODUCT CONTAINS A RECHARGEABLE BATTERY**

- Do not store this product in high temperatures, damp areas or in direct sunlight.
- Never disassemble the product.
- Never dispose of the product in fire or water, which may result in explosion and/or injury.
- Keep product out of reach of children.
- Do not touch product with damp hands.
- Dispose of the product properly.
- The product must not be discarded with ordinary household waste.
- Contact your local recycling center for proper disposal.

## MAGNASONIC® WARRANTY

Thank you for choosing Magnasonic. We guarantee your investment in our products is a solid one! Extensive thought, research, planning, and design goes into every product we make. High quality components combined with precision manufacturing allows us to maintain the highest possible production standards. All items are guaranteed against defects in materials and craftsmanship.

Magnasonic products come with a complete one year parts and labour warranty. This warranty is non-transferable and proof of purchase from an authorized Magnasonic dealer is required when seeking warranty assistance. Magnasonic has outstanding quality control, if something should go wrong with any of our products, we will repair it free of charge! If the product cannot be repaired, we will replace the product. If the product has been discontinued, we will replace the product with either the newest version of said product or current equivalent. Replacement parts furnished in connection with this warranty shall be warranted to a period equal to the unexpired portion of the original product warranty.

This warranty shall not apply to:

- A. Any defects caused or repairs required as a result of abusive operation, negligence, accident, improper installation or inappropriate use as outlined in the owner's manual.
- B. Any Magnasonic product tampered with, modified, adjusted or repaired by any party other than Magnasonic.
- C. Any cosmetic damage to the surface or exterior that has been defaced or caused by normal wear and tear.
- D. Any damage caused by external or environmental conditions, including but not limited to transmission line/power line voltage or liquid spillage.

- E. Any product received without appropriate model, serial number, and CSA/cUL/cULus/cETL/cETLus markings.
- F. Any products used for rental or commercial purposes.
- G. Any installation, setup and/or programming charges.

If in any situation your purchase displays a manufacturer's defect during the warranty period and does not function correctly, Magnasonic will repair your product and cover all parts, labour, and return costs upon delivery of the Magnasonic product together with proof of purchase. Products returned to Magnasonic for warranty service must be shipped prepaid (paid by customer). Products must be shipped in the original shipping container or its equivalent; in any case the risk of loss or damage in transit is to be borne by you.

We believe everyday experiences should be extraordinary. We pledge to work with you in resolving any issue that occurs with your product. If you are in need of assistance do not hesitate to visit our support page: [www.magnasonic.com/support/](http://www.magnasonic.com/support/)

## FCC STATEMENT



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This

equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## TROUBLESHOOTING

- Q. The Projector will not show the video on the wall.
- A. Recharge your device's battery. Also, check to see if the HDMI cable is fully inserted into the Projector and your device.
- Q. The video showing on my wall is blurry.
- A. Adjust the Focus Wheel on the Projector to fine-tune the picture. It may also depend on the surface on which you are attempting to show your video. Try moving to a location with a smoother wall surface.
- Q. I cannot get my device to work at all with the Projector and its battery is fully charged.
- A. Make sure the cables are inserted into the correct ports and test connections.
- Q. No signal - I am getting no input from my device.
- A. Make sure your device is on - and fully charged.

# NOTES

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