

Quick Setup

IMPORTANT: Before using this product, make sure you read these instructions and the safety instructions in the online *User's Guide*.

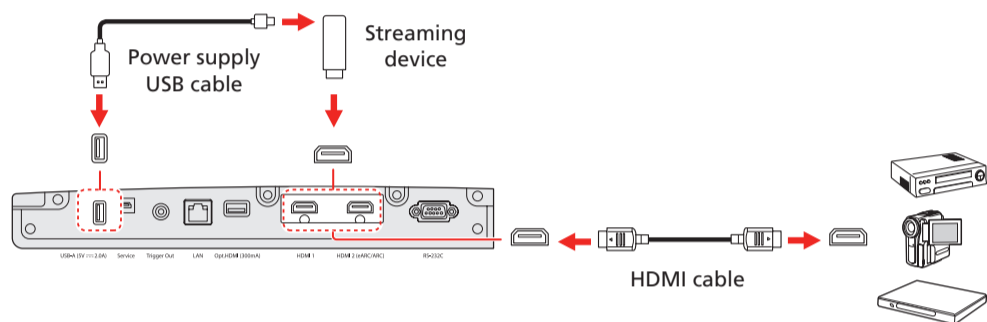
Choose a location

Keep the projector level and place it at a height so its lens is even with the top or bottom of the screen and is centered horizontally. If this isn't possible, use the lens shift feature to reposition the image (see "Adjust the image").

See the online *User's Guide* for more information on where to place your projector.

Connect the projector

Connect multiple video devices and use the **Source** buttons on the remote control or the **Source** button on the projector to switch between them. For additional connection types, see the online *User's Guide*.

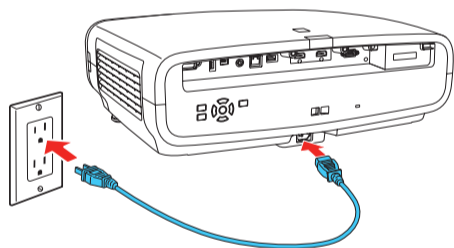


Note:

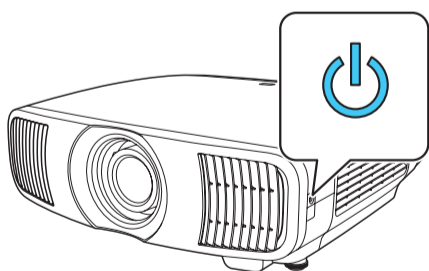
- When projecting images at 4K 120Hz, use an HDMI 2.1 rated cable (ultra-high speed).
- You can output audio to an external sound system that supports (eARC/ARC) using the HDMI2 (eARC/ARC) port.

Turn on your equipment

- 1 Plug in the projector.



- 2 Press the power button on the projector or the **On** button on the remote control. The shutter opens and the power light flashes blue, then stays on.



Note: To shut down the projector, press the power button on the projector or the **Standby** button on the remote control, then press the button again to confirm, if necessary. Wait for cooldown to complete before unplugging the projector.

- 3 Follow the on-screen instructions to set up your projector. If you see a screen displaying 123, press **Enter** on the remote control to continue. Use the arrow buttons to select the correct image orientation and press **Enter**.

Note: To change these settings, see the online *User's Guide*.

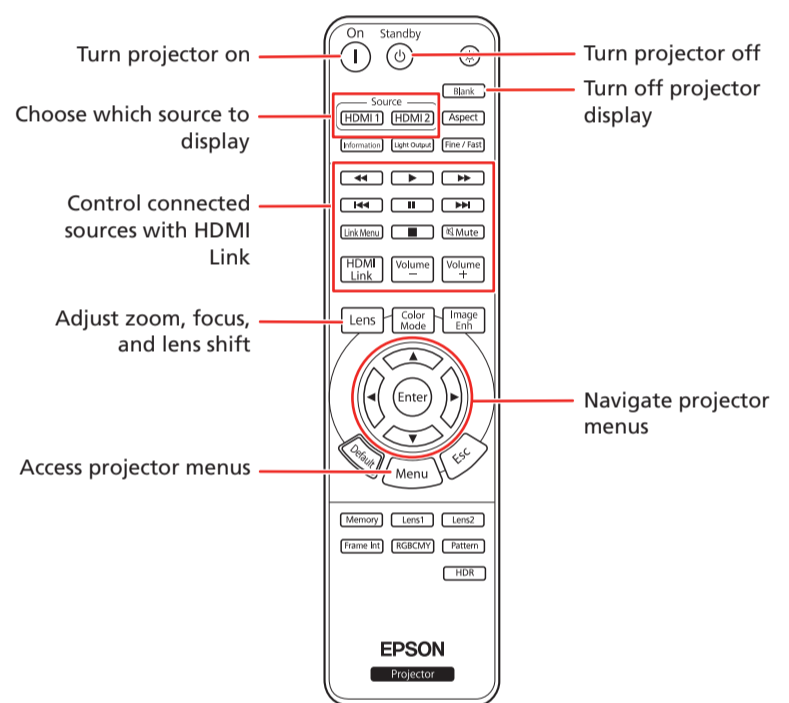
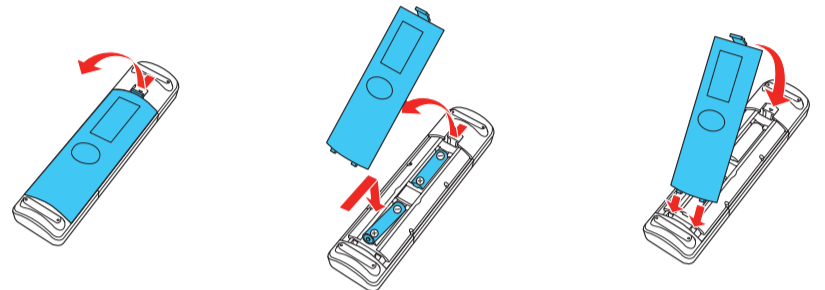
- 4 Turn on your video source.

- 5 If you don't see an image, press one of the **Source** buttons on the remote control to select the image source.

Note: If you still see a blank screen or have other display problems, see the *troubleshooting tips on this sheet*.

Using the remote control

Install the batteries as shown (two AA batteries).

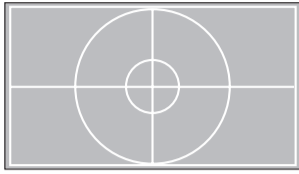


For more information on using the remote control, see the online *User's Guide*.

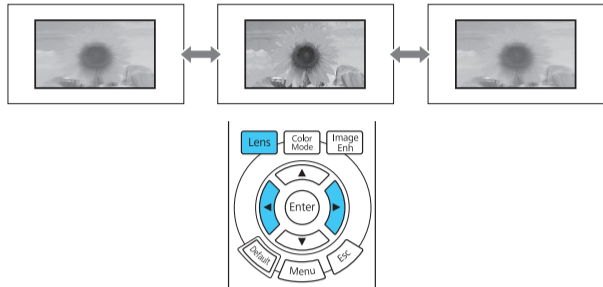


Adjust the image

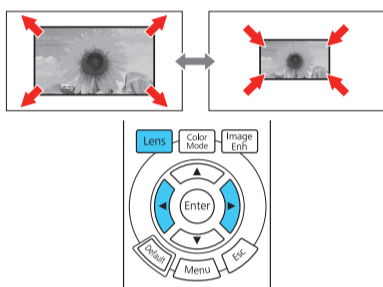
- 1 Press the **Pattern** button on the remote control to display a test pattern.



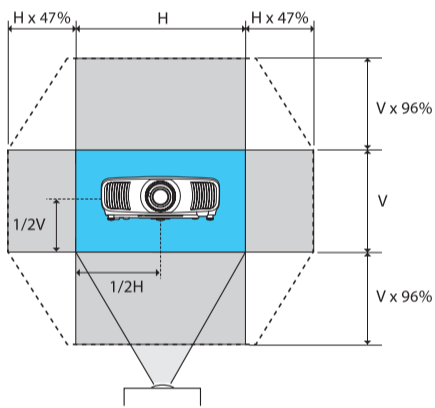
- 2 Press the **Lens** button on the remote control and use the ◀ and ▶ buttons to focus the image.



- 3 Press the **Lens** button on the remote control again and use the ◀ and ▶ buttons to reduce or enlarge the image.






- 4 Press the **Lens** button on the remote control again and use the ▲, ▼, ◀, and ▶ buttons to reposition the image.



Troubleshooting

If you see a blank screen or the **No signal** message after turning on your video device or computer, check the following:

- Make sure the  power light on the projector is blue and not flashing.
- Press the **Source**  button on the projector or one of the **Source** buttons on the remote control to switch to the correct image source, if necessary.
- If you're using a Windows® laptop, press the function key that lets you display on an external monitor. It may be labeled **CRT/LCD** or have an icon such as . You may have to hold down the **Fn** key while pressing it (such as **Fn + F7**). Wait a moment for the display to appear.

On Windows 7 or later, hold down the Windows key and press **P** at the same time, then click **Duplicate**.

- If you're using a Mac laptop, open **System Preferences** and select **Displays**. Click the **Arrangement** tab and select the **Mirror Displays** checkbox.

Registration

Register today to get product updates and exclusive offers. You can register online at <http://epson.com/webreg>.

Where to get help

Manual

For more information about using the projector, see the online manual. You can view or download the online manual from the Epson website, as described below.

Internet support

Visit <http://epson.com/support/pcls12000> (U.S.) or <http://epson.ca/support/pcls12000> (Canada) for solutions to common problems. You can download software and utilities, view manuals, get FAQs and troubleshooting advice, or contact Epson.

Telephone support

To use the Epson PrivateLine® Support service, call (800) 637-7661. This service is available for the duration of your warranty period. You may also speak with a support specialist by calling (562) 276-4394 (U.S.) or (905) 709-3839 (Canada).

Support hours are 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday. Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

Optional accessories

For a list of optional accessories, see the online *User's Guide*.

You can purchase accessories from an Epson authorized reseller. To find the nearest reseller, call 800-GO-EPSON (800-463-7766). Or you can purchase online at <http://epsonstore.com> (U.S. sales) or <http://epsonstore.ca> (Canadian sales).



Notices

Supplier's Declaration of Conformity

According to 47CFR, Part 2 and 15, Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers

We: Epson America, Inc.
Located at: 3131 Katella Ave.
Los Alamitos, CA 90720
Telephone: (562) 981-3840

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed, is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR §2.906. 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.

Trade Name: Epson®
Type of Product: LCD Projector
Model: HA47A
Marketing Name: Pro Cinema LS12000

U.S. FCC Notices

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.

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 and 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 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.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification or Declaration of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

WARNING: MOUNT ABOVE THE HEADS OF CHILDREN. The use of a ceiling mount is recommended with this product to place it above the eyes of children.

Complies with FDA performance standards for laser products except for conformance as a Risk Group 2 LIP as defined in IEC 62471-5: Ed. 1.0. For more information see Laser Notice No. 57, dated May 8, 2019.

Industry Canada (IC) Notices

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

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Epson America, Inc. Limited Warranty

Three-Year Projector Limited Warranty

- A. What Is Covered:** Epson America, Inc. ("Epson") warrants to the purchaser of the Epson product enclosed with this limited warranty statement that the product, if purchased new and operated in the United States, Canada, or Puerto Rico, will be free from defects in workmanship and materials for a period of three (3) years from the date of original purchase. For warranty service, you may be required to provide proof of the date of original purchase.
- B. What Epson Will Do To Correct Problems:** If your product requires service during the limited warranty period, please call Epson at the number at the end of this statement and be prepared to provide the model, serial number, and, if required, date of original purchase. This line will be answered during Epson's regular support hours (currently 6:00 AM to 8:00 PM, Pacific Time, Monday through Friday, and 7:00 AM to 4:00 PM on Saturday—subject to change). If Epson confirms warranty service is required, Epson will, at its option, repair or replace the defective unit without charge for parts or labor. If Epson authorizes an exchange for the defective unit, Epson will ship a replacement product to you, freight prepaid, as long as you use an address in the United States, Canada, or Puerto Rico. The replacement product may be new or refurbished to the Epson standard of quality. (The replacement product may not include promotional materials, accessories, documentation, manuals, software, or cables.) You are responsible for securely packaging the defective unit and returning it to Epson within five (5) working days of receipt of the replacement. Epson requires a debit or credit card number to secure the cost of the replacement product in the event that you fail to return the defective one. If Epson authorizes repair instead of exchange, Epson

will direct you to send your product to Epson or its authorized service center, where the product will be repaired and sent back to you. You are responsible for packaging the product and for all postage and shipping costs to and from the Epson authorized service center. When warranty service involves the exchange of the product or of a part, the item replaced becomes Epson's property. The replacement product or part may be new or refurbished to the Epson standard of quality. If service cannot be provided on the product for any reason and Epson no longer sells the same model, Epson will replace your product with a model of equal or superior value. Replacement products or parts assume the remaining warranty period of the original product.

C. What This Warranty Does Not Cover:

1. Any damage caused by misuse, abuse, improper installation, or neglect; disasters such as fire, flood, or lightning; or improper electrical currents, software, or interaction with non-Epson products
2. Any damage caused by or any service for third-party software, applications, parts, components, or peripheral devices added to the product after its shipment from Epson, such as dealer- or user-added boards, components, or cables
3. Any damage caused by installing the product next to a heat source or directly in the path of an air vent or an air conditioner
4. Damage due to excessive, continual usage
5. Damage caused by failure to properly maintain the product (see your online *User's Guide* for details)
6. Service when the product is used outside the U.S., Canada, or Puerto Rico
7. Service if the product label, logo, rating label, or serial number has been removed
8. Consumables such as filters or any items that are identified as being replaceable by the user in the product documentation (see your online *User's Guide* for details)
9. Loss of data
10. Installation or removal
11. Any damage from service performed by anyone other than an Epson-authorized servicer
12. Damage resulting from operation or storage in areas with smoke, oil, high humidity, steam, corrosive gases or chemicals, excessive dust, vibration, or shock
13. Cosmetic damage caused by handling or normal wear and tear during use
14. Any product or parts purchased as used, refurbished, or reconditioned
15. Any damage caused by using improper packaging materials or improper packaging and shipping when returning a product for repair or replacement. You will be invoiced for such shipping damage to the product.

This warranty is not transferrable. Epson is not responsible for your data or applications, which cannot be restored and should be backed up by you. Postage, insurance, and shipping costs incurred in presenting your Epson product for carry-in warranty service are your responsibility. If a claimed defect cannot be identified or reproduced in service, you will be held responsible for costs incurred.

D. DISPUTES, BINDING INDIVIDUAL ARBITRATION, AND WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS:

1. **Disputes.** The terms of this Section D shall apply to all Disputes between you and Epson. The term "Dispute" is meant to have the broadest meaning permissible under law or in equity and includes any dispute, claim, controversy, or action between you and Epson arising out of or relating to this Agreement (including its formation, performance, or breach), the Software, Epson Hardware, the parties' relationship with each other, and/or any other transaction involving you and Epson, whether in contract, or with respect to warranty, misrepresentation, fraud, tort, intentional tort, statute, regulation, ordinance, or any other legal or equitable basis. However, a "Dispute" does not include a claim or cause of action for (a) trademark infringement or dilution, (b) patent infringement, (c) copyright infringement or misuse, or (d) trade secret misappropriation (an "IP Claim"). You and Epson also agree, notwithstanding Section D, that a court, not an arbitrator, may decide if a claim or cause of action is for an IP Claim.
2. **Initial Dispute Resolution.** Before submitting a claim for arbitration in accordance with this Section D, you and Epson agree to try, for sixty (60) days, to resolve any Dispute informally. If Epson and you do not reach an agreement to resolve the Dispute within the sixty (60) days, you or Epson may commence an arbitration in accordance with Section D(6). Notice to Epson must be addressed to: Epson America, Inc., ATTN: Legal Department, 3131 Katella Ave., Los Alamitos, CA 90720. Any notice of the Dispute shall include the sender's name, address and contact information, the facts giving rise to the Dispute, and the relief requested. Any notice sent to you will be sent to the most recent address Epson has in its records for you. For this reason, it is important to notify us if your address changes by emailing us at EALegal@ea.epson.com or writing us at the address above. You and Epson agree to act in good faith to resolve the Dispute before commencing arbitration in accordance with this Section D(2).
3. **Binding Arbitration.** If we do not reach an agreed upon solution within a period of sixty (60) days from the time informal dispute resolution is pursued pursuant to Section D(2) above, then either party may initiate binding arbitration. You and Epson agree that all Disputes shall be resolved by binding arbitration according to this Agreement. **ARBITRATION MEANS THAT YOU WAIVE YOUR RIGHT TO A JUDGE OR JURY IN A COURT PROCEEDING AND YOUR RIGHT TO DISCOVERY AND GROUNDS FOR APPEAL ARE MORE LIMITED THAN IN COURT.** Pursuant to this Agreement, binding arbitration shall be administered by JAMS, a nationally recognized arbitration provider, pursuant to the JAMS Streamlined Arbitration Rules and Procedures or its applicable code of procedures then in effect for consumer related disputes, but excluding any rules that permit class arbitration (for more detail on procedure, see Section D(6) below). You and Epson understand and agree that (a) the Federal Arbitration Act (9 U.S.C. §§ 1 *et seq.*) governs the interpretation and enforcement of this Section D, (b) this Agreement memorializes a transaction in interstate commerce, and (c) this Section D shall survive termination of this Agreement.
4. **Exception—Small Claims Court.** Notwithstanding the parties' agreement to resolve disputes through arbitration, you or we may bring an individual action in the small claims court of your state or municipality if the action is within that court's jurisdiction and is pending only in that court.

5. **WAIVER OF CLASS ACTION AND CLASS ARBITRATION. YOU AND EPSON AGREE THAT EACH PARTY MAY BRING DISPUTES AGAINST THE OTHER PARTY ONLY IN AN INDIVIDUAL CAPACITY, AND NOT AS A CLASS ACTION OR CLASS ARBITRATION. If any court or arbitrator determines that the class action waiver set forth in this paragraph is void or unenforceable for any reason or that an arbitration can proceed on a class basis, then the arbitration provision set forth herein shall be deemed null and void in its entirety and the parties shall be deemed to have not agreed to arbitrate disputes.**

6. **Arbitration Procedure.** If you or Epson commences arbitration, the arbitration shall be governed by the JAMS Streamlined Arbitration Rules and Procedures or the applicable rules of JAMS that are in effect when the arbitration is filed, excluding any rules that permit arbitration on a class-wide basis (the "JAMS Rules"), available at <http://www.jamsadr.com> or by calling 1-800-352-5267, and under the rules set forth in this Agreement. All Disputes shall be resolved by a single neutral arbitrator, which shall be selected in accordance with the JAMS Streamlined Arbitration Rules and Procedures, and both parties shall have a reasonable opportunity to participate in the selection of the arbitrator. The arbitrator is bound by the terms of this Agreement. The arbitrator, and not any federal, state, or local court or agency, shall have exclusive authority to resolve all disputes arising out of or relating to the interpretation, applicability, enforceability, or formation of this Agreement, including any claim that all or any part of this Agreement is void or voidable. Notwithstanding this broad delegation of authority to the arbitrator, a court may determine the limited question of whether a claim or cause of action is for an IP Claim, which is excluded from the definition of "Disputes" in Section D(1) above. The arbitrator shall be empowered to grant whatever relief would be available in a court under law or in equity. In some instances, the costs of arbitration can exceed the costs of litigation, and the right to discovery may be more limited in arbitration than in court. Each party will have the right to use legal counsel in connection with arbitration at its own expense. The arbitrator's award is binding and may be entered as a judgment in any court of competent jurisdiction. You may choose to engage in arbitration hearings by telephone or, if you and we both agree, to conduct it online, in lieu of appearing live. Arbitration hearings not conducted by telephone or online shall take place in a location reasonably accessible from your primary residence, or in Orange County, California, at your option.

a. **Initiation of Arbitration Proceeding.** If either you or Epson decides to arbitrate a Dispute, both parties agree to the following procedure:

- i. Write a Demand for Arbitration. The demand must include a description of the Dispute and the amount of damages sought to be recovered. You can find a copy of a Demand for Arbitration at <http://www.jamsadr.com> ("Demand for Arbitration").
- ii. Send three (3) copies of the Demand for Arbitration, plus the appropriate filing fee, to: JAMS, 500 North State College Blvd., Suite 600, Orange, CA 92868, U.S.A.
- iii. Send one (1) copy of the Demand for Arbitration to the other party (at the same address as the notice of a dispute, above in Section D(2)), or as otherwise agreed by the parties.

b. **Hearing Format.** During the arbitration, the amount of any settlement offer made shall not be disclosed to the arbitrator until after the arbitrator determines the amount, if any, to which you or Epson is entitled. The discovery or exchange of non-privileged information relevant to the Dispute may be allowed during the arbitration.

7. **30 Day Opt-out Right.** You may elect to opt-out (exclude yourself) from the final, binding, individual arbitration procedure and waiver of class proceedings set forth in Section D of this Agreement by sending a written letter to the Epson address listed above in Section D(2) within 30 days of your assent to this Agreement that specifies (i) your name, (ii) your mailing address, and (iii) your request to be excluded from the final, binding, individual arbitration procedure and waiver of class proceedings specified in this Section D. In the event that you opt-out consistent with the procedure set forth above, all other terms set forth in the Agreement shall continue to apply, including the requirement to provide notice prior to litigation. If you opt-out of these arbitration provisions, Epson will also not be bound by them.

8. **Amendments to Section D.** Notwithstanding any provision in this Agreement to the contrary, you and Epson agree that if Epson makes any future amendments to the dispute resolution procedure and class action waiver provisions (other than a change to Epson's address) in this Agreement, Epson will obtain your affirmative assent to the applicable amendment. If you do not affirmatively assent to the applicable amendment, you are agreeing that you will arbitrate any Dispute between the parties in accordance with the language of this Section D (or resolve disputes as provided for in Section D(7), if you timely elected to opt-out when you first assented to this Agreement).

9. **Severability.** If any provision in this Section D is found to be unenforceable, that provision shall be severed with the remainder of this Agreement remaining in full force and effect. **The foregoing shall not apply to the prohibition against class actions as provided in Section D(5). This means that if Section D(5) is found to be unenforceable, the entire Section D (but only Section D) shall be null and void.**

E. DISCLAIMER OF WARRANTIES:

THE WARRANTY AND REMEDY PROVIDED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED TO THE WARRANTY PERIOD IDENTIFIED ABOVE. UNLESS STATED HEREIN, ANY STATEMENTS OR REPRESENTATION MADE BY ANY OTHER PERSON OR FIRM ARE VOID. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG IMPLIED WARRANTIES LAST, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

F. EXCLUSION OF DAMAGES; EPSON'S MAXIMUM LIABILITY:

IN NO EVENT SHALL EPSON OR ITS AFFILIATES BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR ANY LOST PROFITS, COST OF SUBSTITUTE EQUIPMENT, DOWNTIME, CLAIMS OF THIRD PARTIES, OR INJURY TO PROPERTY, RESULTING FROM THE USE OR INABILITY TO USE THE EPSON PRODUCT, WHETHER RESULTING FROM BREACH OF WARRANTY OR ANY OTHER LEGAL THEORY. IN NO EVENT SHALL EPSON OR ITS AFFILIATES BE LIABLE FOR DAMAGES OF ANY KIND IN EXCESS OF THE ORIGINAL RETAIL PURCHASE PRICE OF THE PRODUCT. SOME STATES DO NOT ALLOW EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

G. Other Provisions:

1. **Other Rights You May Have:** This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from jurisdiction to jurisdiction. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.
2. **Governing Law:** Except for claims subject to arbitration pursuant to Section D, you and Epson agree that the law of the state or country where you reside shall govern.
3. **Jurisdiction:** Except for claims subject to arbitration pursuant to Section D, in the event of a dispute you and Epson both consent to the jurisdiction of the courts in your state of residence or, if you do not reside in a state, then of the courts in Orange County, California.

To find the Epson Authorized Reseller nearest you, please visit www.epson.com in the U.S. or www.epson.ca in Canada.

To find the Epson Customer Care Center nearest you, please visit www.epson.com/servicecenterlocator in the U.S. or www.epson.ca/servicecenterlocator in Canada.

To contact the Epson ConnectionSM, please call (800) 637-7661 or (562) 276-4394 in the U.S. and (905) 709-3839 in Canada, or write to Epson America, Inc., P.O. Box 93012, Long Beach, CA 90809-3012.

EPSON
EXCEED YOUR VISION

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE



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PrivateLine is a registered trademark and Epson Connection is a service mark of Epson America, Inc.

HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries.

Mac is a trademark of Apple Inc., registered in the U.S. and other countries.

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