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› AKEYDIY 8-in-1 Heat Press Machine User Manual

AKEYDIY US01+AMB005462_8_US

AKEYDIY Upgraded 8-in-1 Combo Heat Press Machine User Manual

Model: US01+AMB005462_8_US

Brand: AKEYDIY

1. INTRODUCTION

Thank you for choosing the AKEYDIY Upgraded 8-in-1 Combo Heat Press Machine. This versatile machine is designed for transferring images onto various materials, including T-shirts, caps, mugs, and plates. Its advanced digital control and dual-tube heating ensure stable temperature and high-quality results. Please read this manual thoroughly before operation to ensure safe and efficient use.



Figure 1: AKEYDIY 8-in-1 Heat Press Machine with various attachments and sample items.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Read all instructions before use.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against electric shock, do not immerse cord, plugs, or heating elements in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
- The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
- Do not use outdoors.

- Do not let cord hang over edge of table or counter or touch hot surfaces.
- Do not place on or near a hot gas or electric burner, or in a heated oven.
- Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to “off”, then remove plug from wall outlet.
- Do not use appliance for other than intended use.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 12"x 15" Heating Plate (Main Flat Press)
- 6"x 3" Cap/Hat Heating Element
- 5"/6" Ceramic Plate Heating Element
- 4.71"x7.48" (9OZ) Mug Heating Element
- 4.72"x9.05" (11OZ) Mug Heating Element
- 12OZ Mug Heating Element
- 17OZ Water Bottle/Tapered Mug/Cup/Latte Mugs/Pint Glasses Heating Element
- Power Cord
- User Manual (this document)

MULTIPLE FUNCTIONS

EASILY TRANSFER IMAGES ONTO T-SHIRTS, CUPS, HATS, PLATES



Your Designs



FOLLOWING PURPOSE

ACCESSORIES TO CHANGE THE FUNCTION



CUPS



CLOTHES



HATS



PLATES

Figure 2: Included attachments for the AKEYDIY 8-in-1 Heat Press Machine.

4. PRODUCT DIAGRAM & PARTS IDENTIFICATION

HOW TO USE

MAIN STEPS FOR PRINTING



STEP 1

Put your item onto transfer the plate



STEP 2

Rotate the plate and align it with the bottom plate



STEP 3

Press down the handle firmly onto your item

More Practical Design



Prevent Scalding

The Platform has a little heat on the surface



Never rust (Aluminum)

Make the pressure much easy and smooth



Figure 3: Main parts overview of the AKEYDIY Heat Press Machine.

- **Rubber Handle:** Used to lower and raise the heating plate and apply pressure.
- **Swiveling Pressure Adjustment:** Knob to adjust the pressure applied during pressing.
- **Temperature Regulator:** Digital control panel for setting temperature and time.
- **Switch ON/OFF:** Power switch for the machine.
- **Detachable Plate:** The main flat heating element, which can be swapped with other attachments.
- **Heat Transfer Pad:** Silicone pad on the bottom plate for even pressure and heat distribution.

5. SETUP

5.1 Initial Setup

1. Unpack all components and ensure no parts are missing or damaged.
2. Place the main heat press unit on a stable, heat-resistant surface.

3. Ensure the power switch is in the OFF position before plugging in.
4. Connect the power cord to the machine and then to a grounded electrical outlet.

5.2 Attaching Different Elements

The AKEYDIY heat press features a swing-away design for easy attachment changes.

1. Ensure the machine is unplugged and cool before changing attachments.
2. To remove the flat press heating plate, loosen the screws or release the locking mechanism (refer to Figure 3 for general location).
3. Carefully lift and remove the current heating element.
4. Align the desired attachment (e.g., mug press, cap press, plate press) with the connection points and secure it firmly.
5. Ensure all connections are tight and stable before use.

LCD Digital Timer and Temperature Controller



Figure 4: Overview of the heat press machine and its interchangeable attachments.

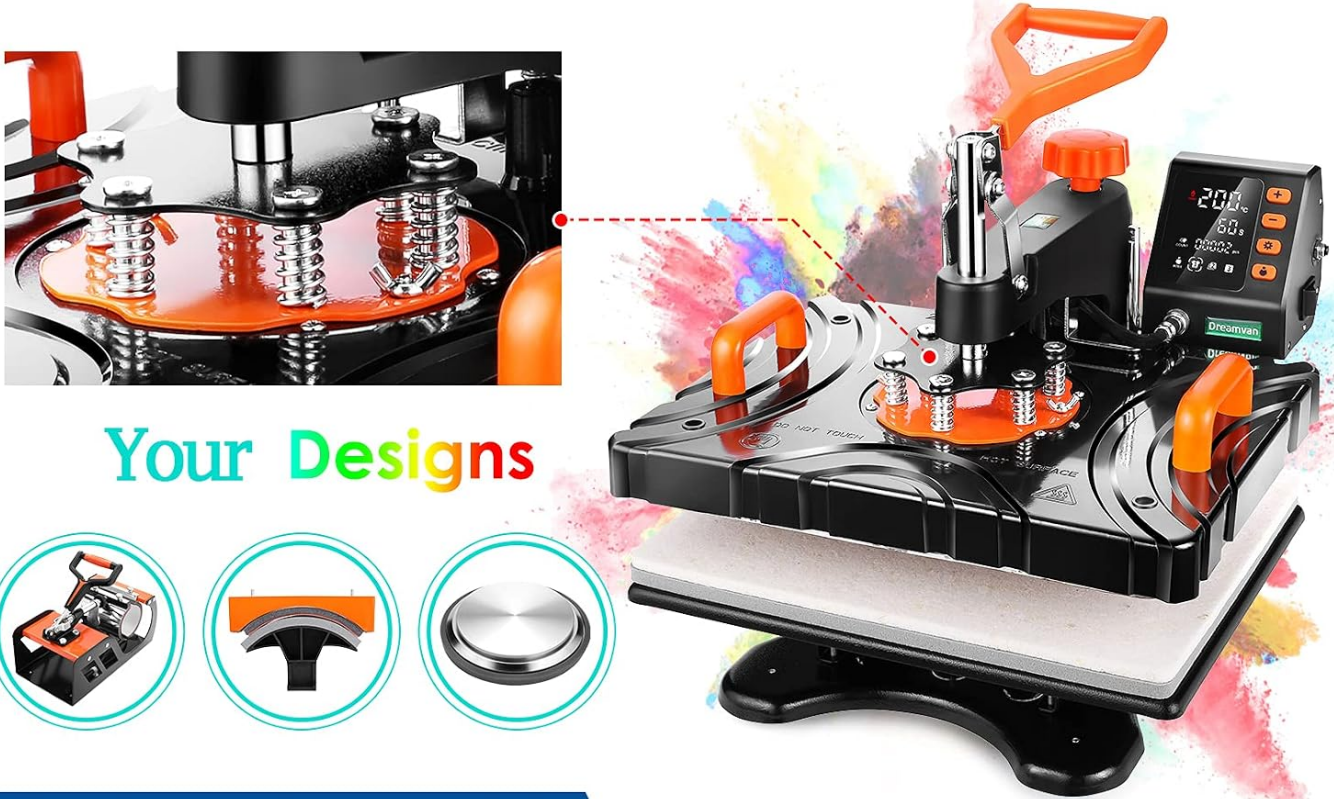
6. OPERATING INSTRUCTIONS

6.1 Digital Control Panel

The digital control panel allows precise setting of temperature and time.

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Figure 5: Digital LCD Timer and Temperature Controller.

- **Temperature Setting:** Use the '+' and '-' buttons to adjust the desired temperature (104°F to 390°F / 40°C to 200°C).
- **Time Setting:** Use the 'Times & Temperature' button to switch to time setting, then use '+' and '-' to adjust the time (0 to 999 seconds).
- **Mode Choose:** Select different modes or confirm settings.
- Fahrenheit and Celsius scales are selectable.

6.2 General Heat Transfer Process (Flat Press)

1. **Prepare Item:** Place your T-shirt or flat item onto the heat transfer pad. Ensure it is smooth and wrinkle-free.
2. **Position Design:** Place your transfer paper or vinyl design onto the item.
3. **Set Temperature & Time:** Power on the machine and set the desired temperature and time according to your transfer material's specifications.
4. **Pre-heat:** Allow the machine to reach the set temperature.

5. **Press:** Swing the heating plate over the item and press down the handle firmly to apply pressure. The timer will start automatically.
6. **Remove:** Once the timer alerts, lift the handle and swing the heating plate away. Carefully remove the transferred item.



Figure 6: Main steps for printing with the flat press.

Video 1: Demonstration of heat pressing various items including T-shirts, hats, mugs, and plates.

6.3 Using the Cap Press Attachment

1. Attach the cap heating element as described in Section 5.2.
2. Place the cap onto the curved lower platen, ensuring it fits snugly.
3. Position your design on the cap.
4. Lower the heating element and apply pressure.
5. Follow temperature and time guidelines for your transfer material.



Figure 7: Applying a design to a cap using the cap press attachment.

6.4 Using the Mug Press Attachments

1. Attach the appropriate mug heating element (9OZ, 11OZ, 12OZ, or 17OZ) as described in Section 5.2.
2. Wrap your design around the mug and secure it with heat-resistant tape.
3. Insert the mug into the mug press, ensuring the design area is covered by the heating element.
4. Close the clamp to apply pressure.
5. Set temperature and time according to mug sublimation guidelines.
6. After pressing, carefully remove the hot mug using heat-resistant gloves.

MAIN PARTS OVERVIEW



360-Degree Swing Away
Rated Power: 850W
Rated Frequency: 50-60Hz
Rated Voltage: 110V
Length of the Cable: 1.5M
Highest Temperature: 200°C/390°F
Transfer Size: 29x38cm/11.4x15.0inch

PRODUCT SPECIFICATIONS



Figure 8: Applying a design to a mug using the mug press attachment.

6.5 Using the Plate Press Attachments

1. Attach the appropriate plate heating element (5" or 6") as described in Section 5.2.
2. Place your plate onto the lower platen.
3. Position your design on the plate.
4. Lower the heating element and apply pressure.
5. Follow temperature and time guidelines for your transfer material.
6. After pressing, carefully remove the hot plate using heat-resistant gloves.



Figure 9: Applying a design to a plate using the plate press attachment.

7. MAINTENANCE

7.1 Cleaning

- Always unplug the machine and allow it to cool completely before cleaning.
- Wipe down the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- For the heating plates, use a non-abrasive cloth and a mild cleaner specifically designed for heat press platens if necessary. Avoid scratching the surface.
- Keep the silicone pad clean and free of debris.

7.2 Storage

- Store the heat press machine in a dry, dust-free environment.
- Keep all attachments organized and protected from damage.

- Ensure the machine is completely cool before storing.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not power on	Power cord not connected; Power switch off; Outlet issue	Check power cord connection; Ensure power switch is ON; Test outlet with another device
Uneven heat transfer	Uneven pressure; Heating element issue; Item not flat	Adjust pressure knob; Ensure item is flat on platen; Contact support if heating element is faulty
Design not adhering	Incorrect temperature/time; Insufficient pressure; Incorrect transfer material	Verify temperature and time settings for your material; Increase pressure; Ensure compatibility of transfer material with item
Burning smell / Smoke	Overheating; Residue on heating plate	Immediately power off and unplug; Check temperature settings; Clean heating plate thoroughly once cooled

9. SPECIFICATIONS

- **Model:** US01+AMB005462_8_US
- **Brand:** AKEYDIY
- **Voltage:** 110 Volts
- **Wattage:** 850 watts
- **Upper Temperature Rating:** 450 Degrees Fahrenheit (232°C)
- **Temperature Range:** 104°F to 390°F (40°C to 200°C)
- **Time Range:** 0 to 999 seconds
- **Product Dimensions:** 21"L x 17.5"W x 18"H (54cm L x 44.5cm W x 46cm H)
- **Item Weight:** 46.2 pounds (21 Kilograms)
- **Cable Length:** 1.5 Meters
- **Material:** Alloy Steel
- **Color:** Orange black
- **Recommended Uses:** T-Shirt, Cap, Mug, Bottle

10. WARRANTY AND SUPPORT

AKEYDIY is committed to providing high-quality products. For any questions, concerns, or technical support regarding your heat press machine, please contact AKEYDIY customer service. Please refer to your purchase documentation for specific warranty terms and conditions.

You can also visit the official AKEYDIY store for more information and support: [AKEYDIY Store on Amazon](#)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What type of printer and paper do I need to make shirts with the AKEYDIY 8-in-1 Heat Press Machine?

To make shirts using the AKEYDIY 8-in-1 Heat Press Machine, the type of printer and paper you need depends on the method of transfer you choose. The manual confirms this machine is compatible with...

[Read full answer](#)