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› [AKEYDIY](#) /

› AKEYDIY Professional 5-in-1 Heat Press Machine Instruction Manual

## AKEYDIY Professional 5 in 1 heat press combo

# AKEYDIY Professional 5-in-1 Heat Press Machine

Instruction Manual

### 1. INTRODUCTION AND PRODUCT OVERVIEW

Thank you for choosing the AKEYDIY Professional 5-in-1 Heat Press Machine. This versatile digital heat press combo is designed for transferring images and designs onto various materials, including T-shirts, mugs, hats, and plates. Its robust construction and precise digital controls make it an ideal tool for both hobbyists and small businesses. Please read this manual thoroughly before operation to ensure safe and efficient use.



Image 1.1: The AKEYDIY 5-in-1 Heat Press Machine, showcasing its main unit and various interchangeable attachments for different applications.

## 2. KEY FEATURES

- 5-in-1 Versatility:** Equipped with a 12" x 15" T-shirt press, 6" and 8" plate presses, an 11oz/12oz mug press, and a 5.5" x 3" cap press, allowing for heat transfer onto a wide range of items including T-shirts, mugs, hats, plates, caps, bags, and mouse pads.
- Fast and Even Heating:** Features a double heating tube design to ensure uniform temperature distribution across the heating plate, minimizing temperature differences between the center and edges to only 5 degrees. This design improves transfer quality and efficiency.
- Precise Digital Control:** The upgraded digital display controller provides fully digital temperature and time control. Temperature can be set from 0 - 480°F (0 - 250°C) and time from 0 - 999 seconds. An audible alarm signals when the set time and temperature are reached.
- 360-Degree Swing-Away Design:** The heating plate can be rotated 360 degrees, allowing the heating

element to be safely moved to the side. This reduces the risk of accidental contact and provides a clear workspace for positioning materials, ensuring even pressure distribution.

- **Thickened Heat-Resistant Pads:** The bottom platen includes two layers of thickened heat-resistant sponge pads, which help to flatten the cloth and enhance the transfer effect.

## 5 IN 1 MULTIPLE FUNCTIONS

Easily transfer images onto T-shirts, cups, hats, plates

You can change different accessories to make various designs.



Image 2.1: Visual representation of the five interchangeable functions: T-shirt heat press, mug press, hat press, and two plate presses.

### 3. PACKAGE CONTENTS

Upon unpacking, please verify that all components listed below are present and undamaged:

- 1 x Main Heat Press Unit with Teflon-coated platen (12 x 15 inch)
- 1 x Cap Press Attachment (5.5 x 3 inch, Curved)
- 1 x Mug Press Attachment (3"-3.5" Diameter, 10oz)
- 1 x Mug Press Attachment (4.72 inch Diameter, 11oz)

- 2 x Plate Press Attachments (6" Diameter and 8" Diameter)
- 1 x Power Cable
- User Manual (this document)
- Necessary tools for assembly (e.g., wrench, screwdriver)

## 4. SETUP INSTRUCTIONS

Follow these steps to set up your heat press machine:

1. **Unpacking:** Carefully remove all components from the packaging. Retain the packaging for future storage or transport.
2. **Placement:** Place the main heat press unit on a stable, heat-resistant, and level surface. Ensure there is adequate space around the machine for safe operation and ventilation.
3. **Attachment Installation:** The main platen (T-shirt press) is typically pre-installed. For other attachments (mug, hat, plate), refer to the specific instructions provided with each attachment for proper installation. Generally, this involves removing the main platen using the provided tools and securing the desired attachment.
4. **Power Connection:** Ensure the machine's power switch is in the OFF position. Plug the power cable into the machine and then into a grounded 110V AC power outlet.

# THICKENED PLATE & HEATING EVENLY



Image 4.1: Labeled diagram of the heat press machine's main components, including the rubber handle, plate handle, heat transfer pad, temperature regulator, and power cable.

## 5. OPERATING INSTRUCTIONS

### 5.1 General Operation

1. **Power On:** Flip the power switch to the ON position. The digital display will illuminate.
2. **Setting Temperature:** Press the 'SET' button (often indicated by a wrench/gear icon). Use the '+' and '-' buttons to adjust the desired temperature. Press 'SET' again to confirm.
3. **Setting Time:** After setting the temperature, the display will switch to time setting. Use the '+' and '-' buttons to adjust the desired time in seconds. Press 'SET' again to confirm.
4. **Preheating:** The machine will begin to heat up to the set temperature. The 'TEMP' indicator light will be on. Once the set temperature is reached, an audible alarm will sound, and the 'TEMP' light may turn off or change color.

5. **Pressure Adjustment:** Adjust the pressure knob located on top of the machine to achieve the desired pressure for your material. Turn clockwise for more pressure, counter-clockwise for less. Test on a scrap piece if unsure.
6. **Positioning Material:** Utilize the 360-degree swing-away function to move the heating platen away from the lower platen. Carefully place your material (e.g., T-shirt, mug, hat) and transfer paper onto the appropriate attachment.
7. **Initiating Transfer:** Swing the heating platen back over the material. Firmly press down the handle to engage the heat press. The timer will automatically start counting down.
8. **Completion:** Once the timer reaches zero, an audible alarm will sound. Release the handle and swing the heating platen away. Carefully remove your transferred item.

## Dual-display Digital Control Box

Timer Control: 0-499 Seconds

Temperature Range: 0-250°C/0-482°F

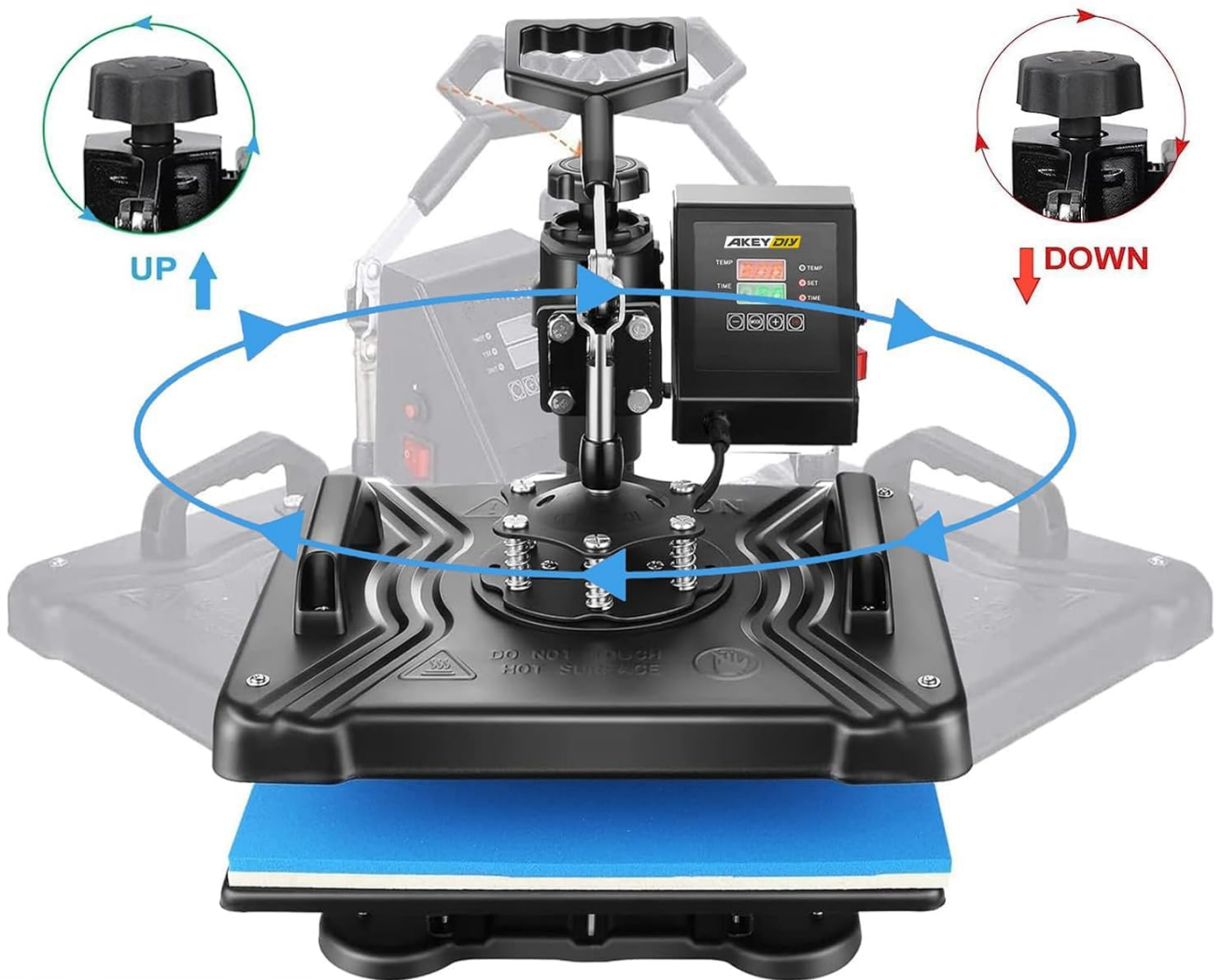
### CONTROL PANEL



Image 5.1: Detailed view of the digital control panel, showing temperature and time displays, and control buttons.

# 360° SWING-AWAY

360 degrees rotation of arm moves the heating elements safely



## Pressure Adjustment

Image 5.2: Illustration of the 360-degree swing-away feature, demonstrating how the heating element can be moved safely aside.

### 5.2 Specific Attachment Usage

Always ensure the correct attachment is securely installed before operation. Recommended temperature and time settings vary based on the material and transfer type (e.g., sublimation, vinyl). Always refer to the transfer paper/material manufacturer's guidelines.

- **T-shirt/Flat Press:** Use the 12" x 15" flat platen. Lay the T-shirt or flat item smoothly on the lower platen, ensuring no wrinkles. Place the transfer paper on top.
- **Mug Press:** Install the appropriate mug attachment. Insert the mug into the heating element, ensuring a snug fit. Close the clamp to apply pressure.
- **Hat/Cap Press:** Install the curved cap attachment. Place the cap onto the curved platen, ensuring the area to be pressed is flat and centered.
- **Plate Press:** Install the desired plate attachment (6" or 8"). Place the plate onto the lower platen, ensuring it is centered and stable.



Image 5.3: Examples of the heat press being used for T-shirts, mugs, and hats, demonstrating its multi-functional capabilities.

# MULTIPLE FUNCTIONS

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



FOLLOWING PURPOSE

ACCESSORIES TO CHANGE THE FUNCTION



CUPS



CLOTHES



HATS



PLATES

Image 5.4: A user demonstrating the application of designs onto a T-shirt and a mug using the AKEYDIY heat press.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your heat press machine:

- **Cleaning:** Always unplug the machine and allow it to cool completely before cleaning. Wipe down the exterior with a soft, damp cloth. For the Teflon-coated platen, gently wipe with a clean, dry cloth. Avoid abrasive cleaners or harsh chemicals.
- **Platen Care:** Do not scratch or damage the Teflon coating on the heating platen. If residue builds up, use a non-abrasive cleaner specifically designed for heat press platens.
- **Storage:** When not in use, store the machine in a dry, dust-free environment. It is recommended to keep the heating platen slightly open to prevent pressure on the silicone pad.
- **Regular Inspection:** Periodically check all screws and connections to ensure they are secure. Inspect the power cord for any signs of damage.

## 7. TROUBLESHOOTING

If you encounter issues with your heat press, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Machine does not power on	Power cord not connected; Power outlet issue; Blown fuse/circuit breaker	Ensure power cord is securely plugged in. Test outlet with another device. Check household circuit breaker.
Uneven heating or poor transfer quality	Incorrect temperature/time settings; Uneven pressure; Damaged heating element/pad	Verify settings with transfer material guidelines. Adjust pressure knob. Inspect heating element and silicone pad for damage.
Temperature display inaccurate	Sensor issue; Environmental factors	Allow machine to stabilize. If persistent, contact support. Note that minor variations (e.g., 5 degrees) are normal.
Alarm sounds continuously	Set time/temperature reached; Error code	This is normal when target temperature/time is met. If an error code is displayed, refer to the specific error code section (if available in full manual) or contact support.
Difficulty adjusting pressure	Pressure knob stuck; Mechanism needs lubrication	Ensure no debris is obstructing the knob. Apply a small amount of lubricant to moving parts if necessary (ensure it's heat-safe).

If the problem persists after attempting these solutions, please contact AKEYDIY customer support for assistance.

## 8. SPECIFICATIONS

Detailed technical specifications for the AKEYDIY Professional 5-in-1 Heat Press Machine:

Specification	Value
Model Number	Professional 5 in 1 heat press combo
Brand	AKEYDIY
Voltage	110 Volts
Wattage	900 watts
Upper Temperature Rating	480°F (250°C)
Timer Control Range	0 - 999 seconds
Product Dimensions (L x W x H)	18.7 x 17.7 x 20.5 inches

Specification	Value
Item Weight	42.9 pounds
Material	Alloy Steel
Color	Black Blue
UPC	742962130035

## 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



Image 8.1: Overview of main parts and a summary of product specifications, including dimensions and power ratings.

### 9. WARRANTY AND SUPPORT

AKEYDIY provides a **3-year warranty** for this Professional 5-in-1 Heat Press Machine. This warranty covers manufacturing defects and ensures professional repair service. For any problems, questions, or to claim warranty service, please contact AKEYDIY customer support. Please have your purchase information and model number

ready when contacting support.

For further assistance, please visit the official AKEYDIY store or contact their customer service department through the retailer where the product was purchased.

**Online Store:** [AKEYDIY Store on Amazon](#)