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> Ninja Detect Kitchen System Power Blender + Processor Pro User Manual

Ninja TB401

Ninja Detect Kitchen System Power Blender + Processor Pro

Model: TB401

Brand: Ninja

INTRODUCTION

Welcome to the comprehensive instruction manual for your Ninja Detect Kitchen System Power Blender + Processor Pro. This versatile appliance is designed to simplify your food preparation tasks, offering powerful blending, chopping, slicing, and shredding capabilities all in one system. Featuring advanced BlendSense Technology, it intelligently adjusts speed and time for optimal results, whether you're making smoothies, salsas, or even dough.



The Ninja Detect Kitchen System, showcasing its main components: the motor base, 72-oz. pitcher, 24-oz. single-serve cup, and 64-oz. food processor bowl with various blades and discs.

IMPORTANT SAFEGUARDS

To ensure safe operation and prevent injury or damage, please read and follow all instructions carefully before using your Ninja Detect Kitchen System. Keep this manual for future reference.

- Always ensure the appliance is unplugged from the electrical outlet before assembling, disassembling, or cleaning.
- Blades are sharp. Handle the blade assemblies with care to avoid injury.
- Do not operate the appliance with damaged cords or plugs. Contact customer service for assistance.
- Ensure all components are properly assembled and locked into place before operating. The appliance features safety interlocks to prevent operation if not correctly assembled.
- Do not blend hot liquids in the pitcher or single-serve cup, as pressure buildup can cause injury.
- Keep hands and utensils out of the container while blending to reduce the risk of severe injury to persons or damage to the blender.
- This appliance is intended for household use only.
- All containers, lids, and blades are made from BPA-free materials.

GETTING STARTED (SETUP)

Before first use, unpack all components and remove any packaging materials. Wash all containers, lids, and blade

assemblies in warm, soapy water, then rinse and dry thoroughly. The components are also top-rack dishwasher safe.

Component Assembly:

1. Place the 1800 PW Motor Base on a clean, dry, level surface.
2. Select the desired container (72 oz. Pitcher, 64 oz. Food Processor Bowl, or 24 oz. Single-Serve Cup).
3. Insert the appropriate blade assembly into the container. Ensure it is seated correctly.
4. Add your ingredients to the container, observing the MAX FILL lines.
5. Securely attach the lid to the container. For the pitcher and food processor bowl, ensure the handle is aligned and the lid clicks into place. For the single-serve cup, screw the Hybrid Edge Blade assembly onto the cup until tight.
6. Place the assembled container onto the motor base. Twist clockwise until it locks into place. The Detect Dial will illuminate, indicating it's ready for operation.



What's included:

1800-peak-watt motor base, 72-oz.* pitcher with lid, Total Crushing® & Chopping Blade Assembly, (1) 24-oz. single-serve cup with spout lid, Hybrid Edge™ Blade Assembly, 8-cup processor bowl, feed chute lid & pusher, chopping & dough blade assemblies, reversible slicing/shredding disc & spindle, 10-recipe IG/QSG

*64-oz. max fill

An exploded view showing all components included with your Ninja Detect Kitchen System, including the motor base, various pitchers, bowls, lids, and blade assemblies.

OPERATING INSTRUCTIONS

The Ninja Detect Kitchen System features intuitive controls and intelligent technology to make your blending and processing effortless.

BlendSense Technology:

This intelligent technology automatically senses the ingredients in the container and adjusts the speed and time for perfectly smooth results. The innovative Detect Dial provides real-time feedback on the blending process.



- 1** **SENSES** ingredients that have been placed in the vessel.
- 2** **DETECTS** whether ingredients are fresh or frozen.
- 3** **ADJUSTS** time, speed, and pulsing automatically.
- 4** **PERFECT** results no matter the portion size.

BlendSense™ Technology

Senses and detects ingredients while adjusting blend time and speed for perfectly smooth results.

Visual representation of BlendSense Technology, illustrating how the system senses ingredients, detects their state (fresh/frozen), adjusts speed and time, and delivers perfect results regardless of portion size.



Detect Dial

Innovative Detect Dial indicates precise blending program.

The Detect Dial provides a beautiful, high-tech, and easy-to-read interface, indicating the precise blending program, runtime, and mode type with a color-changing rim.

Using the 72-oz. Full-Size Pitcher:

Ideal for large batches of smoothies, frozen drinks, and crushing ice. Use the Total Crushing and Chopping Blade Assembly for optimal performance.

- Add ingredients to the pitcher, ensuring they do not exceed the MAX LIQUID line.
- Secure the lid and place the pitcher on the motor base.
- Select a pre-set program (e.g., SMOOTHIE, FROZEN DRINK) or use the MANUAL mode for custom control.
- The system features **Ice Detect** for auto-calibrating power through ice and **Portion Detect** to adjust time and speed based on ingredient amount.
- For manual control, the Variable Speed setting allows for 10 different speed options.



Ice Detect

Auto-calibrates to power through ice
for perfectly smooth drinks.

The Ice Detect feature auto-calibrates the blender to power through ice, ensuring perfectly smooth frozen drinks.



Portion Detect

Actively adjusts time and speed based on the amount of ingredients in the pitcher.

The Portion Detect feature actively adjusts time and speed based on the amount of ingredients in the pitcher, optimizing blending performance.



Variable speed control

Settings 1-10 help control the speed and texture of every blend.*

*Pitcher only

Variable Speed control allows for precise adjustment of speed and texture for every blend, particularly useful with the full-sized pitcher.

Using the 64-oz. Power Food Processor Bowl:

This bowl is perfect for chopping, pureeing, and even processing dough. It comes with specific blade assemblies for different tasks.

- Insert the Chopping Blade for salsas, purees, or general food processing.
- For dough, use the Dough Blade. The system can process up to 2 lbs. of dough.
- Attach the Slicing/Shredding Disc for consistent slicing and shredding of vegetables and cheese.
- Utilize the Feed Chute Lid & Pusher to safely add ingredients while processing.



One-touch chopping programs

Chop ingredients in the 72-oz.* pitcher and 8-cup food processor bowl for salsa, pesto, and more.

*64-oz. max fill

One-touch chopping programs allow for efficient processing of ingredients like bell peppers and onions in the 64-oz. food processor bowl.



Dough Mode

One-touch processing program allows you to simply mix any type of dough or batter.

The Dough Mode provides a one-touch processing program to easily mix various types of dough or batter.



Feed chute lid and pusher

Safely add ingredients to the 8-cup food processor bowl through the feed chute using the pusher.

The integrated feed chute lid and pusher allow for safe and even addition of ingredients to the food processor bowl during operation.

Using the 24 oz. Single-Serve Cup:

Perfect for individual servings of smoothies and blended drinks for on-the-go convenience. Use the Hybrid Edge Blade for best results.

- Add ingredients to the single-serve cup, ensuring they do not exceed the MAX LIQUID line.
- Screw the Hybrid Edge Blade assembly onto the cup until tight.
- Invert the cup and place it onto the motor base, twisting clockwise to lock.
- The system features **Liquid Detect**, which alerts you if more liquid is needed for silky-smooth drinks.
- Select a pre-set program (e.g., SMOOTHIE) or use MANUAL mode.
- Once blending is complete, remove the cup, unscrew the blade assembly, and attach the spout lid for on-the-go enjoyment.



Liquid Detect

Alerts you when liquid is needed so you always get silky-smooth drinks.

**Only in single-serve cup*

The Liquid Detect feature alerts you when additional liquid is needed in the single-serve cup, ensuring consistently silky-smooth blended drinks.



On-the-go blending

Blend directly in the 24-oz. single-serve cups for perfect blends on the go.

Blend directly in the 24-oz. single-serve cups for perfect blends that are ready to take with you.

Product Demonstration Video:

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Watch a detailed demonstration of the Ninja Detect Kitchen System's features and capabilities, including assembly, blending, and food processing functions.

CARE AND MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Ninja Detect Kitchen System.

- Always unplug the motor base before cleaning. Wipe the motor base clean with a damp cloth. Do not immerse the motor base in water or any other liquid.
- All containers, lids, and blade assemblies are top-rack dishwasher safe. For best results, rinse components immediately after use.
- For hand-washing, use warm, soapy water and a non-abrasive cleaning brush. Handle blades with extreme caution.

- Store the appliance disassembled with blades safely stored away from children.



Easy cleanup

Containers, lids, and blades are BPA free and top-rack dishwasher safe.

All containers, lids, and blades are BPA-free and top-rack dishwasher safe for easy cleanup.

TROUBLESHOOTING

If you encounter any issues with your Ninja Detect Kitchen System, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|-----------------------------|---|--|
| Appliance does not turn on. | Container not properly assembled or locked. | Ensure container is twisted clockwise until it clicks and locks securely onto the motor base. Check that the lid is also properly secured. |

| Problem | Possible Cause | Solution |
|--|--|---|
| Ingredients are not blending smoothly. | Insufficient liquid or ingredients are too thick/frozen. | Add more liquid. For thick mixtures, use the PULSE function or a higher speed setting. For frozen ingredients, ensure they are not packed too tightly. The Liquid Detect feature will alert you if more liquid is needed in the single-serve cup. |
| Motor seems strained. | Overloading the container. | Reduce the amount of ingredients. Do not exceed the MAX FILL lines. Allow the motor to cool down if it overheats. |
| Lid is difficult to remove. | Lid is locked or suction has formed. | Press the release button on the pitcher/food processor lid handle. If suction, wait a few moments for pressure to equalize. |

If problems persist after trying these solutions, please refer to the Warranty and Support section for further assistance.

SPECIFICATIONS

- Brand: Ninja
- Model: TB401
- Color: Black
- Motor: 1800 Peak Watt
- Capacity: 72 Fluid Ounces (Pitcher), 64 Fluid Ounces (Food Processor Bowl), 24 Fluid Ounces (Single-Serve Cup)
- Product Dimensions: 6.88"D x 8.38"W x 17.5"H
- Material: Stainless Steel (Blades), BPA-Free Plastic (Containers)
- Voltage: 120.0V
- Number of Speeds: 10 (Variable Speed in Pitcher)
- UPC: 622356603645
- Country of Origin: China

WARRANTY AND SUPPORT

Your Ninja Detect Kitchen System Power Blender + Processor Pro is covered by a **1 Year Limited Warranty** from the date of purchase. This warranty covers defects in material and workmanship under normal household use.

For warranty claims, technical support, or to order replacement parts, please refer to the contact information provided in your product's original packaging or visit the official Ninja website. Please have your model number (TB401) and proof of purchase ready when contacting support.