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› Balboa Water Group TP500S Overlay Instruction Manual

Balboa Water Group 17204 TP500S

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Model: 17204 TP500S

1. PRODUCT OVERVIEW

The Balboa Water Group 17204 TP500S Overlay is a replacement or upgrade component designed for Balboa TP500S series control panels. This overlay provides the user interface for controlling various spa functions, including temperature adjustment, jets, lighting, and auxiliary features. It is an essential part of the spa's control system, ensuring clear labeling and tactile feedback for button presses.



Figure 1: Front view of the Balboa TP500S Overlay, showing the button layout and display area.

2. INSTALLATION INSTRUCTIONS

Proper installation of the TP500S overlay is crucial for its functionality and longevity. Follow these steps carefully:

- 1. Power Disconnection:** Before beginning, ensure the spa's power supply is completely disconnected at the circuit breaker to prevent electrical hazards.
- 2. Remove Old Overlay (if applicable):** If replacing an existing overlay, carefully peel it off the control panel. Use a plastic scraper if necessary to avoid damaging the panel surface.

- 3. **Clean Surface:** Thoroughly clean the surface of the control panel where the new overlay will be applied. Ensure it is free of any adhesive residue, dirt, dust, or moisture. A clean, dry surface is essential for proper adhesion.
- 4. **Align Overlay:** Carefully align the new TP500S overlay with the control panel, ensuring that the button cutouts and the display window match perfectly with the underlying buttons and screen. Do not remove the adhesive backing yet.
- 5. **Apply Overlay:** Once aligned, peel off the protective backing from the 3M adhesive on the back of the overlay. Starting from one end, gently press the overlay onto the control panel, working your way across to ensure no air bubbles are trapped underneath. Apply firm, even pressure across the entire surface.
- 6. **Power Reconnection:** After the overlay is securely in place, reconnect the spa's power supply.



Figure 2: Back view of the Balboa TP500S Overlay, highlighting the 3M adhesive for secure attachment.

3. OPERATING INSTRUCTIONS

The TP500S overlay provides clear labels for the functions of your spa's control panel. The specific operation of each button is determined by the main control system's programming. Below is a general guide to the button functions:

Button Label	Function
WARM (Up Arrow)	Increases the set temperature of the spa.
COOL (Down Arrow)	Decreases the set temperature of the spa.
MENU	Accesses the main menu for system settings, programming, and diagnostics.
JETS	Activates or cycles through different jet pump speeds or configurations. Multiple presses may cycle through stages (e.g., low, high, off).
LIGHT	Turns the spa lights on/off or cycles through different light modes/colors.
AUX	Activates an auxiliary function, which can vary depending on the spa's configuration (e.g., blower, additional pump, waterfall).

Refer to your spa's main control system manual for detailed information on specific button sequences and advanced features.

4. MAINTENANCE

The TP500S overlay requires minimal maintenance. To keep it clean and ensure clear visibility:

- Wipe the surface gently with a soft, damp cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the overlay's finish and graphics.
- Do not use sharp objects to clean around the buttons or display area.

5. TROUBLESHOOTING

As an overlay, this product primarily serves as a cosmetic and functional interface. Most operational issues will stem from the underlying control panel or spa system. However, if you experience issues directly related to the overlay:

- **Buttons Not Responding:** Ensure the overlay is properly aligned and firmly adhered to the control panel. Misalignment can prevent buttons from making proper contact.
- **Peeling Edges:** If edges begin to peel, ensure the surface was clean and dry during installation. Re-adhesion may require a specialized adhesive if the original backing has lost its tack.
- **Display Obscured:** Verify the overlay's display cutout is perfectly aligned with the control panel's screen.

For issues with spa functions (e.g., jets not working, temperature errors), consult your spa's main control system manual or contact a qualified spa technician.

6. SPECIFICATIONS

- **Model:** 17204 TP500S
- **Compatibility:** Designed for Balboa TP500S series control panels.
- **Manufacturer:** Balboa Water Group
- **Approximate Dimensions (Package):** 8 x 2 x 2 inches (20.3 x 5.1 x 5.1 cm)
- **Material:** Durable, weather-resistant material with 3M adhesive backing.

7. WARRANTY AND SUPPORT

Warranty information for the Balboa Water Group 17204 TP500S Overlay is typically provided by the original seller or manufacturer at the time of purchase. Please retain your proof of purchase for any warranty claims.

For technical support, product inquiries, or warranty service, please contact the retailer from whom you purchased this product or refer to the official Balboa Water Group website for their customer support contact information.

Balboa Water Group Official Website: www.balboawatergroup.com

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