

Paradox TM50W

Paradox TM50W Touchscreen Keypad User Manual

Model: TM50W | Brand: Paradox

1. PRODUCT OVERVIEW

The Paradox TM50W is a 5-inch color touchscreen keypad designed for use with Paradox security control panels. It features a high-quality display with a resolution of 480 x 272 pixels and an intuitive menu-driven user interface. This keypad allows for easy control and monitoring of your security system.



Image 1.1: Front view of the Paradox TM50W Touchscreen Keypad. The screen displays a vibrant image of a monarch butterfly resting on a red flower, illustrating its color display capabilities. The keypad itself is white with rounded corners.

2. KEY FEATURES

- **5-inch Color Display:** Bright 5-inch (127 mm) color screen with 480 x 272 pixel resolution.
- **Intuitive Touchscreen Interface:** High-quality touchscreen with a user-friendly, menu-driven interface.
- **Customizable Labels:** Ability to personalize zone labels, user codes, and programmable output labels.
- **Programmable Output Control:** Simple and intuitive activation/deactivation of up to eight programmable outputs.
- **Adjustable Settings:** Backlight, volume, and touchscreen sensitivity can be adjusted.
- **Quick Panic Keys:** Three quick-activation panic keys for emergency situations.
- **Zone/Temperature Input:** One zone/temperature input for connecting a detector or an external temperature sensor (e.g., TEMP07).
- **SD Card Slot:** For uploading photos and images to function as a digital picture frame, and for firmware updates.
- **Firmware Updates:** Update firmware directly via files on an SD memory card, without requiring software or a PC.

- **Elegant Design:** Slim and elegant design suitable for wall mounting.

3. SETUP AND INSTALLATION

The TM50W keypad connects to your security system's control panel via a bus connection. Professional installation is recommended to ensure proper functionality and system integrity.

3.1. Mounting

Mount the keypad in a convenient location, typically near an entry/exit point, ensuring it is securely fastened to the wall. Refer to the detailed installation guide provided with your control panel for specific wiring diagrams and mounting instructions.

3.2. Wiring

Connect the keypad to the control panel's communication bus. Ensure all connections are secure and correctly polarized. Incorrect wiring can damage the device or the control panel.

3.3. Initial Power-Up

Once wired, power up the control panel. The keypad should initialize and display the initial setup screen. Follow the on-screen prompts for basic configuration.

4. OPERATING INSTRUCTIONS

4.1. Navigating the Interface

The TM50W features a menu-driven interface. Tap on icons or menu options to navigate through the system. Use the back arrow or home icon to return to previous screens or the main menu.

4.2. Arming and Disarming

To arm or disarm the system, select the appropriate option from the main menu and enter your user code when prompted. Different arming modes (e.g., Stay, Away, Night) may be available depending on your system configuration.

4.3. Controlling Programmable Outputs

The keypad allows for the activation and deactivation of up to eight programmable outputs. Access the "Outputs" or "Automation" menu, select the desired output, and toggle its state as needed. This can control lights, gates, or other connected devices.

4.4. Adjusting Settings

Access the "Settings" menu to adjust various keypad parameters:

- **Backlight:** Adjust screen brightness.
- **Volume:** Control keypad sound levels.
- **Touchscreen Sensitivity:** Calibrate the touch response.

4.5. Panic Functions

The keypad includes three quick-activation panic keys. Pressing these keys will trigger an immediate alarm and transmit a signal to the monitoring station (if configured). Consult your security provider for details on how these panic functions are handled.

5. MAINTENANCE

5.1. Firmware Updates

The TM50W keypad supports firmware updates via an SD card. Obtain the latest firmware files from the Paradox website or your security provider. Copy the files to a formatted SD card, insert it into the keypad's SD slot, and follow the on-screen instructions to initiate the update process. No PC or special software is required for this procedure.

5.2. Cleaning

To clean the touchscreen, use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals or abrasive materials that could damage the screen surface.

6. TROUBLESHOOTING

- **Keypad Not Responding:** Check power connections and bus wiring. Ensure the control panel is powered on. If the issue persists, contact your installer.
- **Screen Display Issues:** Adjust the backlight settings in the "Settings" menu. If the screen remains blank or distorted, power cycle the control panel.
- **Touchscreen Inaccuracy:** Calibrate the touchscreen sensitivity in the "Settings" menu.
- **Firmware Update Failure:** Ensure the SD card is properly formatted and the firmware files are correctly placed on the card. Verify the firmware version is compatible with your keypad model.
- **System Communication Errors:** Verify bus wiring integrity. Ensure the control panel firmware is compatible with the keypad (refer to compatibility section).

7. SPECIFICATIONS

Model	TM50W
Display	5-inch (127 mm) Color Touchscreen
Resolution	480 x 272 pixels
Interface	Touchscreen, Menu-driven
Connectivity	Bus Connection (Wired)
Special Features	SD Card Slot, Backlit Display, Panic Keys, Zone/Temperature Input
Dimensions	145 x 97 x 16 mm (approx. 5.7 x 3.8 x 0.6 inches)
Color	Ivory White

8. COMPATIBILITY

The Paradox TM50W Touchscreen Keypad is compatible with the following Paradox control panels:

- **DIGIPLEX EVO Series:** Version 2.16 or higher.
- **MAGELLAN MG5000/MG5050 Series:** All versions.
- **SPECTRA SP Series:** Version 4.72 or higher.
- **SP4000 and SP65 Series:** Version 4.90 or higher.

Ensure your control panel's firmware meets or exceeds the specified versions for full compatibility and optimal performance.

9. SUPPORT AND WARRANTY

For technical assistance, detailed installation guides, or warranty information, please contact your authorized Paradox dealer or security system installer. You can also visit the official Paradox website for product documentation and support resources.
Note: Information regarding spare parts availability and software updates beyond a certain date is not available.

Documents - Paradox – TM50W



[\[pdf\]](#) Catalog

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TM50 5 / TM70 7 Touch Screen Keypads TM50 / TM70 The TM50 / TM70 are touch screen input keypads designed to communicate with Paradox control panels, and offer user friendly interface. Both offer vivid colors and two sizes to select, 7 TM70 or 5 TM50. The TM70 due to its larger screen allo...

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