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> [TISHLED](#) /

> TISHLED F20 Wired Mechanical Numpad User Manual

## TISHLED F20

# TISHLED F20 Wired Mechanical Numpad User Manual

Model: F20

## 1. INTRODUCTION

Thank you for choosing the TISHLED F20 Wired Mechanical Numpad. This manual provides detailed instructions for setting up, operating, and maintaining your new numeric keypad. Please read this manual thoroughly before use to ensure proper functionality and to maximize your experience.



The TISHLED F20 is a 20-key wired mechanical numpad designed for enhanced data entry and productivity. It features tactile brown switches, rainbow LED backlighting, and a detachable USB cable for convenience.

## 2. PACKAGE CONTENTS

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Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- 1 x TISHLED F20 Wired Mechanical Numpad
- 1 x Detachable USB Cable
- 1 x User Manual (this document)

## 3. PRODUCT OVERVIEW

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The TISHLED F20 Numpad is engineered for reliability and user comfort.

- **Wired Connection:** Ensures a stable and reliable connection without signal instability or battery concerns. The USB cable is detachable for easy transport and storage.
- **Standard Numeric Layout:** Features a 20-key layout, including the standard 17 numeric keys plus Esc, Calculator, and Backspace for improved efficiency. The Calculator shortcut is Windows-system compatible only.
- **Rainbow Backlight:** Equipped with double-shot injection molded ABS keycaps for durability. The fixed rainbow LED backlight offers 8 lighting effects.
- **Mechanical Brown Switches:** Provides tactile feedback, balancing between the linear feel of red switches and the clicky sound of blue switches. Ideal for office and home use, reducing typing fatigue.
- **Durable Construction:** Made from high-quality ABS material with non-slip pads for stability.



Image 3.1: Standard Numeric Layout with additional shortcut keys.



Image 3.2: Mechanical Brown Switches visible under keycaps.

## 4. SETUP

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Follow these steps to connect your TISHLED F20 Numpad to your computer.

1. **Connect the USB Cable:** Insert the smaller end of the detachable USB cable into the port on the numpad.
2. **Connect to Computer:** Plug the standard USB-A end of the cable into an available USB-A port on your PC, laptop, MacBook, or iMac.
  - *Note:* If your device only has USB-C ports, a USB-A to USB-C adapter (not included) will be required.
3. **Driver Installation:** The numpad is plug-and-play and does not require additional drivers. Your operating system should automatically recognize the device.



Image 4.1: Numpad connected to various devices.

Ensure a secure connection for stable operation.

## 5. OPERATING INSTRUCTIONS

This section details the basic operation and backlight control of your numpad.

## 5.1 Basic Key Functions

- **Numeric Keys (0-9):** For standard number input.
- **Arithmetic Operators (+, -, \*, /):** For mathematical calculations.
- **Enter Key:** Confirms input or executes commands.
- **Esc Key:** Cancels current operation or closes menus.
- **Backspace Key:** Deletes the character to the left of the cursor.
- **Calculator Key:** Launches the calculator application (Windows systems only).

## 5.2 Backlight Control

The numpad features a rainbow LED backlight with 8 lighting effects.

- **Change Lighting Effect:** Press **Calculator + 5** to cycle through the 8 available lighting effects.
- **Adjust Brightness:**
  - Press **Calculator + 8** to increase brightness.
  - Press **Calculator + 2** to decrease brightness.
  - The lowest brightness setting will turn off the lights.
- **Adjust Lighting Effect Speed:**
  - Press **Calculator + 6** to increase the speed of the lighting effect.
  - Press **Calculator + 4** to decrease the speed of the lighting effect.



Image 5.1: Numpad with active rainbow LED backlight.

Customize your numpad's lighting to suit your preference.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your numpad.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the numpad. For deeper cleaning, use a slightly damp cloth with mild soap, ensuring no liquid enters the device. Avoid harsh chemicals or abrasive materials.
- **Keycap Cleaning:** Keycaps can be carefully removed for thorough cleaning. Use a keycap puller (not included) if available. Clean keycaps with water and mild soap, then dry completely before reattaching.
- **Storage:** When not in use, store the numpad in a clean, dry environment away from direct sunlight and extreme temperatures. Detach the USB cable for easier storage and to prevent cable damage.
- **Avoid Spills:** Keep liquids away from the numpad to prevent damage to internal components.

## 7. TROUBLESHOOTING

If you encounter issues with your TISHLED F20 Numpad, refer to the following common solutions.

Problem	Possible Cause	Solution
Numpad is not recognized by the computer.	Loose USB connection, faulty USB port, or incompatible adapter.	<ul style="list-style-type: none"><li>• Ensure the USB cable is securely connected to both the numpad and the computer.</li><li>• Try plugging the numpad into a different USB port on your computer.</li><li>• If using a USB-C adapter, ensure it is functional and compatible.</li><li>• Restart your computer.</li></ul>
Keys are not responding or input is incorrect.	Software conflict, debris under keycap, or hardware issue.	<ul style="list-style-type: none"><li>• Ensure no other software is interfering with keyboard input.</li><li>• Gently remove the keycap and check for any debris that might be obstructing the switch.</li><li>• Test the numpad on another computer to rule out system-specific issues.</li></ul>
Backlight is not working or cannot be controlled.	Incorrect backlight settings or power issue.	<ul style="list-style-type: none"><li>• Ensure the brightness is not set to the lowest (off) setting. Press <b>Calculator + 8</b> to increase brightness.</li><li>• Verify the numpad is receiving power (check USB connection).</li></ul>
Repeated input for a single key press (e.g., '1' key).	Switch debounce issue or debris.	<ul style="list-style-type: none"><li>• Gently remove the keycap and inspect the switch for any visible issues or debris.</li><li>• Ensure the key is fully releasing after each press.</li><li>• Test on another computer to determine if the issue is with the numpad or the host system.</li></ul>

## 8. SPECIFICATIONS

Feature	Detail
Model Number	F20
Connectivity	Wired USB
Key Count	20 Keys
Switch Type	Mechanical Brown Switches
Keycap Material	Double-shot Injection Molded ABS
Backlight	Rainbow LED (8 effects)
Compatible Devices	PC, Laptop, MacBook, iMac (with USB-A port)
Material	Acrylonitrile Butadiene Styrene (ABS), Metal
Item Weight	7.4 ounces
Package Dimensions	5 x 4.96 x 1.81 inches

## 9. WARRANTY INFORMATION

TISHLED products are designed for durability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official TISHLED website. Keep your purchase receipt as proof of purchase for any warranty claims.

## 10. SUPPORT

If you require further assistance or have questions not covered in this manual, please contact TISHLED customer support through the following channels:

- **Online Support:** Visit the official TISHLED website for FAQs, support articles, and contact forms.
- **Email Support:** Refer to your product packaging or the official website for the customer service email address.

When contacting support, please have your product model (F20) and purchase information ready.

