

SRJTEK DH-10153A4-PG-FPC431

User Manual: SRJTEK 10.1" Inch Touch Screen Digitizer Replacement

Model: DH-10153A4-PG-FPC431 | Brand: SRJTEK

1. INTRODUCTION

This manual provides essential information for the installation and care of your new SRJTEK 10.1" Inch Touch Screen Digitizer, model DH-10153A4-PG-FPC431. This component is designed as a direct replacement for a broken or malfunctioning external capacitive touch screen panel on compatible 10.1-inch BDF tablet computers. It is engineered to restore full touch functionality and is a perfect fit for your device.

The digitizer undergoes strict quality control to ensure no scratches, dead pixels, or unresponsive touch areas, guaranteeing optimal performance upon correct installation.

2. PRODUCT OVERVIEW AND INCLUDED COMPONENTS

The SRJTEK DH-10153A4-PG-FPC431 touch screen digitizer comes with the necessary tools for installation. Please verify all components are present before beginning the replacement process.



This image displays the white 10.1-inch touch screen digitizer panel on the left, featuring a flexible flat cable (FPC) connector. On the right, various repair tools are shown, including screwdrivers, pry tools, adhesive strips, and cleaning wipes, all packaged with the SRJTEK branding.

Package Contents:

- 1 x Touch Screen Digitizer for DH-10153A4-PG-FPC431 (White)
- 1 x Repair Tool Kits (includes screwdrivers, pry tools, etc.)
- 1 x Adhesive strip

3. SPECIFICATIONS

Attribute	Value
Compatible Model	DH-10153A4-PG-FPC431
Screen Size	10.1 inches
Type	External Capacitive Touch Screen Digitizer
Color	White
Package Dimensions	10.83 x 8.54 x 1.26 inches
Item Weight	8.4 ounces
Manufacturer	SRJTEK

4. SETUP AND PREPARATION

Before attempting installation, please read these instructions carefully. Due to the delicate nature of tablet components, **professional installation is highly recommended**. Damage incurred during installation is not covered under warranty.

Required Tools (Included):

- Small Phillips head screwdriver
- Pry tools (plastic spudgers)
- Adhesive strip
- Cleaning wipes (for screen preparation)

Additional Recommended Tools (Not Included):

- Heat gun or hairdryer (for softening adhesive)
- Suction cup (for lifting the screen)
- Anti-static wrist strap (to prevent static discharge damage)
- Clean, well-lit workspace

Safety Precautions:

- Always power off your device completely and disconnect the battery before starting any repair.
- Handle all components with care, especially the flexible flat cables (FPC), as they are fragile.
- Wear anti-static gloves or use an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to sensitive electronic components.
- Keep small parts organized to avoid loss.

5. OPERATING INSTRUCTIONS: DIGITIZER INSTALLATION

This section outlines the general steps for replacing the touch screen digitizer. Specific disassembly procedures may vary by tablet model. Refer to device-specific repair guides or seek professional assistance if unsure.

1. **Power Off Device:** Ensure your tablet is completely powered off and disconnected from any power source.
2. **Remove Back Cover:** Carefully open the tablet's back cover using pry tools.
3. **Disconnect Battery:** Locate and disconnect the battery connector from the motherboard to prevent accidental power-on during repair.
4. **Remove Damaged Digitizer:** Apply gentle heat to the edges of the old digitizer to soften the adhesive. Carefully pry the old digitizer away from the tablet frame using a suction cup and pry tools. Be cautious of any connected flex cables.
5. **Disconnect Flex Cables:** Once the old digitizer is lifted, carefully disconnect its flexible flat cable(s) from the motherboard.
6. **Clean Frame:** Thoroughly clean any remaining adhesive residue from the tablet frame. Ensure the surface is smooth and free of debris for proper adhesion of the new digitizer.
7. **Connect New Digitizer (Test Fit):** Before applying adhesive, carefully connect the new digitizer's flexible flat cable(s) to the corresponding connectors on the motherboard. **Do not apply adhesive yet.**
8. **Test Functionality:** Reconnect the battery and briefly power on the tablet to test the new digitizer's touch functionality. Verify that all areas of the screen respond to touch correctly. Power off and disconnect the battery again after testing.
9. **Apply Adhesive:** Carefully remove the protective film from the pre-applied adhesive on the new digitizer, or apply the

included adhesive strip evenly around the edges of the tablet frame.

10. **Secure New Digitizer:** Align the new digitizer precisely with the tablet frame and gently press it into place, ensuring even pressure around all edges for secure adhesion.
11. **Reassemble Device:** Reconnect the battery, reattach the back cover, and secure any screws removed during disassembly.
12. **Final Check:** Power on the tablet and perform a final check of the touch screen functionality.

6. MAINTENANCE AND CARE

Proper care will extend the lifespan of your new digitizer and maintain optimal performance.

- **Cleaning:** Use a soft, lint-free cloth, slightly dampened with water or a screen cleaner, to gently wipe the screen. Avoid harsh chemicals, abrasive materials, or excessive moisture.
- **Protection:** Consider using a screen protector to guard against scratches and minor impacts.
- **Handling:** Avoid applying excessive pressure to the screen, especially with sharp objects. Do not drop the device.
- **Temperature:** Avoid exposing the device to extreme temperatures, which can affect screen performance and adhesive integrity.

7. TROUBLESHOOTING

If you encounter issues after installation, consider the following common troubleshooting steps:

- **No Touch Response or Partial Touch:**
 - Ensure the flexible flat cable (FPC) is securely and correctly connected to the motherboard. A loose or misaligned connection is a common cause.
 - Check for any debris or damage to the FPC or its connector on the motherboard.
 - Verify that the digitizer itself is not damaged (e.g., hairline cracks not visible to the naked eye, internal damage).
- **Screen Not Sticking Properly:**
 - Ensure the tablet frame was thoroughly cleaned of old adhesive residue before applying the new digitizer.
 - Apply even pressure around the edges after placing the digitizer.
 - Allow sufficient time for the adhesive to cure.
- **Display Issues (e.g., no image, distorted image):**
 - This product is a touch screen digitizer only, not the LCD display. If you have display issues, the problem likely lies with the LCD panel or its connection, not the digitizer.
 - Ensure the LCD flex cable (if separate from the digitizer's) is also securely connected.

If troubleshooting steps do not resolve the issue, please contact SRJTEK customer service for further assistance or consider professional repair.

8. WARRANTY AND SUPPORT

SRJTEK stands behind the quality of its products.

- **After-Sale Service:** This product comes with a 6-month after-sale service period.

- **Returns:** A 30-day return policy is applicable from the date of purchase.
- **Contact Support:** If you encounter any problems with the item received, or require assistance with installation or troubleshooting, please contact SRJTEK customer service. We are committed to providing a new replacement or a satisfactory solution.
- **Important Note:** Parts damaged during installation are not accepted for return or replacement under warranty. We strongly recommend professional installation.

For support, please visit the [SRJTEK Store on Amazon](#) or refer to your purchase documentation for direct contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question