

SRJTEK RCT6513W87DK

SRJTEK RCA Galileo Pro 11.5" RCT6513W87DK Touch Screen Digitizer Replacement Instruction Manual

Model: RCT6513W87DK

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the SRJTEK Touch Screen Digitizer Replacement for the RCA Galileo Pro 11.5" tablet, model RCT6513W87DK. Please read this manual thoroughly before attempting any installation or repair to ensure proper handling and to prevent damage to your device or the replacement part.

PACKAGE CONTENTS

Verify that all items listed below are present in your package. If any items are missing or damaged, please contact SRJTEK customer support immediately.

- 1x Touch Screen Digitizer Replacement for RCA Galileo Pro 11.5" RCT6513W87DK
- 1x Repair Tool Kit (typically includes screwdrivers, prying tools, suction cup, SIM ejector tool)
- 1x Adhesive strip(s)



Figure 1: Contents of the SRJTEK Touch Screen Digitizer Replacement package. This image displays the black-framed digitizer with its flex cable, along with a set of repair tools including screwdrivers, prying tools, a suction cup, a SIM ejector tool, screen cleaning wipes (wet and dry), and adhesive strips.

IMPORTANT SAFETY INFORMATION

Performing tablet repairs requires careful attention to detail and can involve delicate components. Please observe the following safety guidelines:

- **Power Off:** Always ensure your device is completely powered off and disconnected from any power source before beginning the repair.
- **Static Discharge:** Take precautions against electrostatic discharge (ESD). Consider using an anti-static wrist strap or frequently touching a grounded metal object.
- **Handle with Care:** The digitizer and internal components are fragile. Handle them gently to avoid damage.
- **Eye Protection:** Wear appropriate eye protection to guard against small flying debris.
- **Battery Safety:** Exercise extreme caution when handling the device's battery. Puncturing or damaging the battery can lead to fire or explosion.
- **Professional Assistance:** If you are uncomfortable performing the repair yourself, seek assistance from a qualified

SETUP AND INSTALLATION GUIDE

This section outlines the general steps for replacing the touch screen digitizer. Specific disassembly procedures may vary slightly depending on your tablet's exact configuration. It is highly recommended to find a device-specific disassembly video guide online for your RCA Galileo Pro 11.5" RCT6513W87DK model.

1. **Prepare Your Workspace:** Ensure a clean, well-lit, and static-free environment. Gather all necessary tools.
2. **Power Off Device:** Completely power down your RCA Galileo Pro tablet.
3. **Remove Back Cover:** Carefully use a prying tool to open the back cover of the tablet. Start from a corner and work your way around the edges.
4. **Disconnect Battery:** Locate the battery connector on the motherboard and gently disconnect it to prevent accidental power-on during the repair.
5. **Remove Damaged Digitizer:**
 - Carefully heat the edges of the old digitizer using a heat gun or hairdryer on a low setting to soften the adhesive.
 - Use a suction cup to lift the digitizer slightly and then insert a thin prying tool (like a plastic spudger) to separate it from the frame.
 - Work slowly around all edges, being mindful of the flex cables connecting the digitizer to the motherboard.
 - Once the adhesive is loose, gently disconnect the digitizer's flex cable(s) from the motherboard.
 - Remove the old digitizer.
6. **Clean the Frame:** Thoroughly clean any remaining adhesive residue from the tablet's frame. Use the provided cleaning wipes (wet first, then dry) to ensure a clean surface for the new adhesive.
7. **Test New Digitizer (Crucial Step):**
 - *Before applying adhesive*, temporarily connect the new digitizer's flex cable(s) to the motherboard.
 - Reconnect the battery.
 - Power on the tablet and test the touch functionality across the entire screen. Check for dead spots, unresponsive areas, or ghost touches.
 - If the digitizer functions correctly, power off the tablet and disconnect the battery again.
 - If there are issues, recheck connections or contact support. Do not proceed with full installation if the digitizer is not working correctly.
8. **Apply New Adhesive:** Carefully apply the new adhesive strips to the tablet frame where the digitizer will sit. Ensure even application.
9. **Install New Digitizer:**
 - Reconnect the new digitizer's flex cable(s) to the motherboard.
 - Carefully align the new digitizer with the tablet frame and gently press it into place, ensuring a secure fit.
10. **Reassemble Device:**
 - Reconnect the battery.
 - Replace the back cover, ensuring all clips snap into place.
11. **Final Test:** Power on the tablet and perform a final comprehensive test of the touch screen functionality.

OPERATING (POST-INSTALLATION)

After successful installation, the digitizer should function identically to the original. No special operating procedures are required. Simply use your RCA Galileo Pro 11.5" tablet as normal.

- **Touch Responsiveness:** Verify that all areas of the screen respond accurately to touch input.
- **Multi-Touch Gestures:** Test multi-touch gestures like pinch-to-zoom.
- **Display Quality:** Ensure there are no visual anomalies, dead pixels, or discoloration (though this digitizer is for touch, not display, issues here might indicate underlying display problems or installation error).

MAINTENANCE

Proper maintenance helps prolong the life of your digitizer and maintain optimal performance.

- **Cleaning:** Use a soft, lint-free cloth, slightly dampened with water or a screen-specific cleaner, to gently wipe the screen. Avoid harsh chemicals or abrasive materials.
- **Protection:** Consider using a screen protector to guard against scratches and minor impacts.
- **Handling:** Avoid dropping the tablet or applying excessive pressure to the screen.

TROUBLESHOOTING

If you encounter issues after installation, refer to the following troubleshooting steps:

- **No Touch Response / Partial Response:**
 - Ensure the digitizer flex cable(s) are securely and correctly seated in their connectors on the motherboard.
 - Check for any visible damage to the flex cable or connector.
 - Perform a hard reset of the tablet (refer to your tablet's original manual for instructions).
- **Ghost Touches / Erratic Behavior:**
 - Ensure the screen is clean and free of moisture or debris.
 - Verify that the digitizer is properly seated and not under undue pressure from the frame or other components.
 - Check for any bent pins or damage on the flex cable connector.
- **Screen Not Sticking Properly:**
 - Ensure the old adhesive was completely removed and the frame was thoroughly cleaned before applying new adhesive.
 - Apply gentle, even pressure around the edges of the digitizer after installation to ensure proper adhesion.

If these steps do not resolve the issue, please contact SRJTEK customer support for further assistance.

SPECIFICATIONS

- **Product Type:** Touch Screen Digitizer Replacement
- **Compatibility:** RCA Galileo Pro 11.5"
- **Model Number:** RCT6513W87DK
- **Brand:** SRJTEK
- **Color:** Black (frame)

WARRANTY INFORMATION

SRJTEK products typically come with a limited warranty. For specific details regarding the warranty period, coverage, and claims process for your digitizer replacement, please refer to the warranty card included with your purchase or contact SRJTEK customer support directly. Keep your proof of purchase for warranty validation.

CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact SRJTEK customer support through the platform where you purchased the product or visit the official SRJTEK website for contact information.

When contacting support, please have the following information ready:

- Product Model: RCT6513W87DK
- Date of Purchase
- Order Number
- A clear description of the issue

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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