



Manuals.plus /

› MMOBIEL /

› MMOBIEL Digitizer Touchscreen Replacement for iPad 5 2017 (A1822, A1823) - Installation Manual

MMOBIEL iPad 5 2017 A1822 A1823

MMOBIEL Digitizer Touchscreen Replacement for iPad 5 2017 (A1822, A1823)

Installation and Usage Guide

1. PRODUCT OVERVIEW AND COMPATIBILITY

This MMOBIEL Digitizer Touch Screen Front Display Glass Assembly is designed for the iPad 5 2017 models. It includes pre-installed components for easier installation and supports the Smart Sleep and Wake up function.

1.1. Package Contents

- Digitizer Touch Screen Front Display Glass Assembly
- Pre-installed Flex Cable
- Pre-installed Camera Bracket Holder
- Pre-installed Adhesive Stickers
- Comprehensive Tool Kit (see Section 3)

1.2. Compatibility

This digitizer is compatible **ONLY** with the following iPad 5 2017 9.7 Inch models:

- **A1822** (Wi-Fi)
- **A1823** (Wi-Fi + Cellular)

Important: Please verify your iPad's model number before proceeding with installation. The model number is located on the back of your device.

PLEASE CHECK YOUR IPAD MODEL NUMBER HERE:



NOT COMPATIBLE WITH IPAD MODELS: 2 / 3 / 4 / 6

Figure 1: Location of iPad Model Number (A1822 shown as example). Ensure your device matches A1822 or A1823.

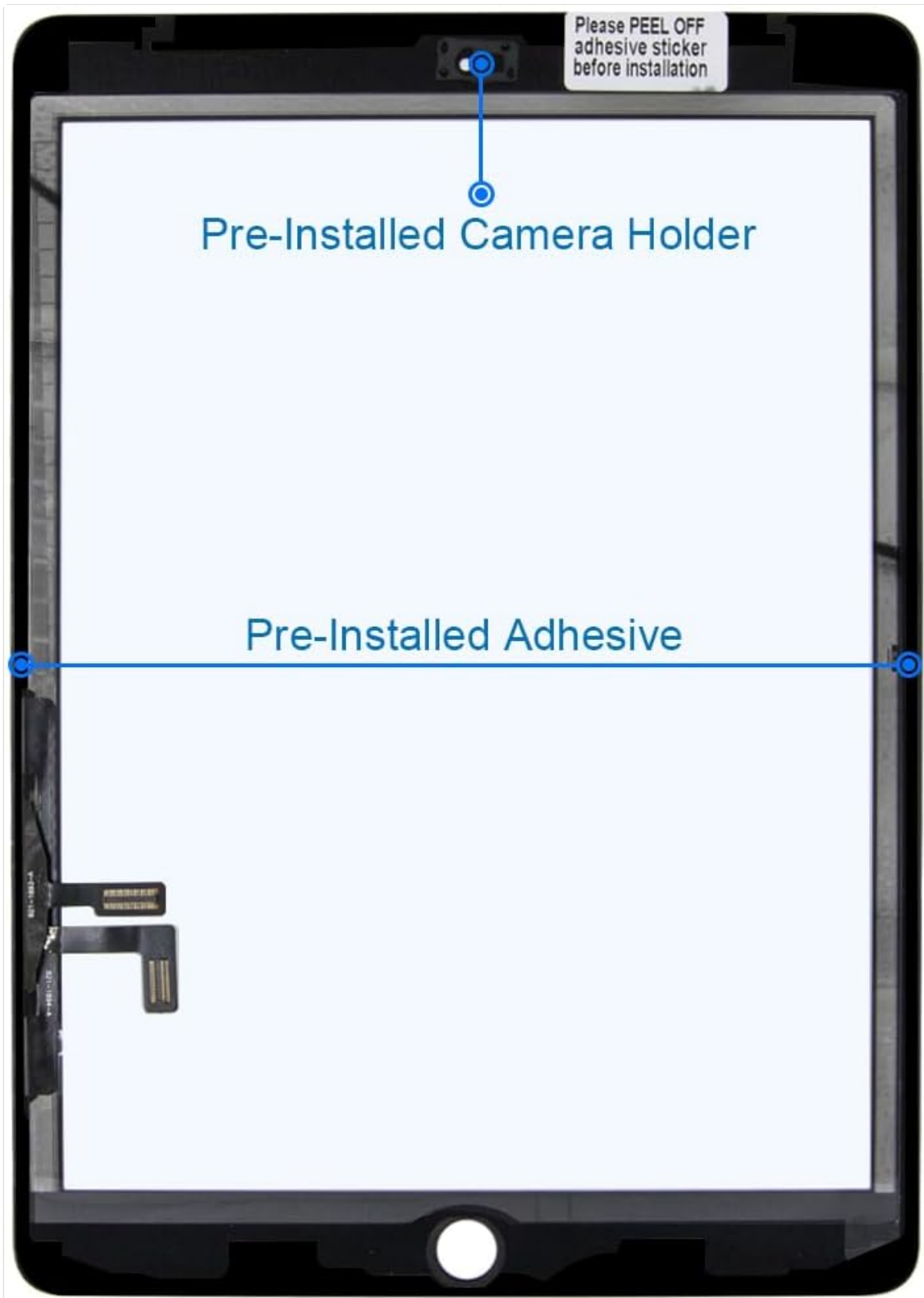


Figure 2: MMOBIEL Digitizer with pre-installed components.

2. SAFETY INFORMATION

Performing electronic repairs requires caution. Please read and adhere to the following safety guidelines:

- **Power Off:** Always ensure your device is completely powered off before beginning any repair.
- **Battery Disconnection:** If possible, disconnect the battery to prevent accidental short circuits.
- **Static Electricity:** Work in a static-free environment. Use an anti-static wrist strap if available.
- **Handle with Care:** Electronic components, especially flex cables and glass, are fragile. Avoid excessive force.

- **Eye Protection:** Consider wearing safety glasses to protect against small flying debris, especially when dealing with cracked glass.
- **Sharp Tools:** Exercise extreme care when using sharp tools like spudgers and tweezers.
- **Retain Original Home Button:** For Touch ID functionality, you must transfer the original home button from your old digitizer to the new one.

3. TOOLS REQUIRED

The MMOBIEL Digitizer comes with a comprehensive tool kit to assist with the installation. The kit typically includes:

- 1 x Tweezers
- 1 x Microfiber cleaning cloth
- 1 x Suction cup
- 2 x Spudger (plastic opening tools)
- 1 x Plectrum (guitar pick style opening tool)
- 1 x Screwdriver (Phillips)
- 1 x SIM-Needle (for SIM tray removal, if applicable)



Figure 3: Included Professional Tool Kit.

4. INSTALLATION GUIDE

This section outlines the general steps for replacing your iPad's digitizer. It is highly recommended to watch a detailed video tutorial specific to your iPad model (iPad 5 2017, A1822/A1823) before starting.

4.1. Preparation

1. **Backup Data:** Ensure all important data on your iPad is backed up.
2. **Power Off:** Completely power off your iPad.
3. **Heat Edges:** Carefully apply heat to the edges of the old digitizer using a heat gun or hairdryer. This softens the adhesive. Do not overheat.

4.2. Removing the Old Digitizer

4. **Pry Open:** Use the suction cup to create a small gap, then insert a plectrum or spudger to carefully pry around the edges, separating the old digitizer from the frame. Be extremely gentle, especially near the home button and camera.
5. **Disconnect Cables:** Once the digitizer is partially lifted, locate and carefully disconnect the flex

cables connecting it to the iPad's logic board. There are usually two flex cables for the digitizer and one for the home button.

6. **Remove Home Button:** Carefully remove the home button assembly from the old digitizer. This is crucial for retaining Touch ID functionality.

4.3. Installing the New Digitizer

7. **Clean Frame:** Thoroughly clean the iPad's frame, removing any old adhesive residue or glass fragments.
8. **Install Home Button:** Transfer your original home button assembly to the new MMOBIEL digitizer. Ensure it is correctly aligned and secured.
9. **Connect Cables:** Carefully connect the new digitizer's flex cables to the logic board. Ensure they are seated correctly and securely.
10. **Test Functionality:** Before fully sealing, power on the iPad and test the touchscreen responsiveness across the entire screen, as well as the home button and front camera. If issues arise, power off and recheck cable connections.
11. **Remove Adhesive Film:** Once tested and confirmed working, remove the protective film from the pre-installed adhesive on the new digitizer.
12. **Secure Digitizer:** Carefully align the new digitizer with the iPad frame and gently press down along the edges to secure it. Apply even pressure.
13. **Final Check:** Power on your iPad and perform a final check of all functions.



Figure 4: Visual representation of a successful digitizer replacement.



Figure 5: Detail of the digitizer flex cables for connection.



Figure 6: Pre-installed camera bracket and home button area detail.

5. OPERATING THE DIGITIZER

The MMOBIEL Digitizer is designed to restore full touch functionality to your iPad. It also supports the Smart Sleep and Wake up function, allowing your iPad to automatically sleep or wake when a compatible cover is opened or closed.

- **Touch Responsiveness:** The digitizer provides precise and responsive touch input.
- **Multi-Touch Gestures:** All standard multi-touch gestures (pinch-to-zoom, swipe, etc.) will function as expected.
- **Smart Sleep/Wake:** This feature works with compatible iPad covers that utilize magnets to detect

opening and closing.

6. MAINTENANCE

To ensure the longevity and optimal performance of your new digitizer, follow these maintenance tips:

- **Cleaning:** Use a soft, lint-free cloth (like the included microfiber cloth) to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Protection:** Consider using a screen protector and a protective case to prevent future damage.
- **Avoid Pressure:** Do not apply excessive pressure to the screen, as this can damage the digitizer or underlying LCD.
- **Temperature:** Avoid exposing your iPad to extreme temperatures, which can affect adhesive and component integrity.

7. TROUBLESHOOTING

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

7.1. Touchscreen Not Responding or Partial Response

- **Recheck Flex Cables:** Power off the iPad, carefully reopen it, and ensure all digitizer flex cables are securely and correctly connected to the logic board. A loose connection is a common cause.
- **Inspect Cables:** Visually inspect the flex cables for any tears, creases, or damage. Damaged cables will need replacement.
- **Restart iPad:** Sometimes a simple restart can resolve minor software glitches affecting touch input.

7.2. Home Button Not Working (No Touch ID)

- **Original Home Button:** Ensure you have transferred the **original** home button from your old digitizer. Touch ID functionality is tied to the original home button and cannot be replaced.
- **Home Button Flex Cable:** Check the home button's flex cable connection to the logic board.
- **Physical Damage:** Inspect the home button assembly for any physical damage during transfer.

7.3. Display Issues (e.g., No Image, Lines, Flickering)

Note: This product is a digitizer (touch screen glass) only, not the LCD (display screen). If you have display issues, it indicates a problem with the LCD or its connection, not the digitizer.

- **LCD Flex Cable:** Power off and recheck the LCD's flex cable connection to the logic board.
- **LCD Damage:** The LCD itself might be damaged and require replacement.

8. SPECIFICATIONS

Feature	Detail
Brand	MMOBIEL
Compatible Devices	iPad 5 2017 (Models A1822, A1823)
Screen Size	9.7 Inches
Material	Glass
Item Hardness	9H
Special Feature	Smart Sleep and Wake Functionality
Color	Black
Item Weight	14.1 ounces
Product Dimensions	9.45 x 9.45 x 0.5 inches

9. WARRANTY AND SUPPORT

MMOBIEL strives to provide high-quality products and customer satisfaction. For any questions, concerns, or support regarding your digitizer replacement, please contact MMOBIEL customer service through the retailer where the product was purchased.

Please note that improper installation or physical damage during the repair process may void any applicable warranty. Always follow installation instructions carefully.