

A-BENET 8-inch Touch Screen Digitizer

A-BENET 8-inch Touch Screen Digitizer Replacement for Mitsubishi Outlander Navigation (2019-2022)

Brand: A-BENET

1. PRODUCT OVERVIEW

This document provides instructions for the A-BENET 8-inch Touch Screen Digitizer, designed as a replacement component for Mitsubishi Outlander navigation systems manufactured between 2019 and 2022. This product is intended to restore touch functionality to your vehicle's infotainment system when the original digitizer is damaged or unresponsive.

The digitizer is the touch-sensitive layer of your screen. This replacement part addresses issues such as loss of response to touch commands, dents, fading, scratches, cracks, dead pixels, or wear of the polarized protection layer.

2. IMPORTANT COMPATIBILITY INFORMATION

Before proceeding with installation, it is crucial to verify the compatibility of this digitizer with your specific Mitsubishi Outlander navigation system.

Please check if your existing touch screen has a "SETTINGS" button located in the bottom left corner. If your touch screen has a "PHONE" button in that position, this specific digitizer model is not compatible with your unit. Refer to the images below for visual guidance.



Image: Comparison of compatible (top, with 'SETTINGS' button) and incompatible (bottom, with 'PHONE' button) navigation screen layouts. Ensure your screen matches the top image.

Compatible Vehicle Models: Mitsubishi Outlander Navigation (2019-2022)

Reference Manufacturer Part Numbers:

- 8740A104 (NR-201AM0LND0-T)
- 8740A046 (NR-201AM0PJRA-T)
- 8740A100 (NR-201EM0LND0-T)
- 8740A103 (NR-201EM0LND0-T)
- 8740A121 (NR-201EM0LNDG-T)
- 8740A125 (NR-201EM0LNDN-T)
- 8740A098 (NR-201UM0LND0-T)
- 8740A105 (NR-201GM0LND0-T)
- 8740A102 (NR-201JM0LND0-T)
- 8740A106 (NR-201RM0LND0-T)
- 8740A101 (NR-201XM0LND0-T)
- 8740A099 (NR-201YM0LND0-T)

3. PACKAGE CONTENTS

The package includes the following item:

- 1 x 8-inch Touch Screen Glass Digitizer

Note:

- This product is only a touch panel and does not include the LCD display.
- The navigation display unit shown in product images is for application scenario instruction only and is not included for sale.

4. SETUP AND INSTALLATION

Replacing a touch screen digitizer requires technical skill and specialized tools. Professional installation is highly recommended to avoid damage to the product or your vehicle's navigation system.

Pre-Installation Checks:

1. **Verify Dimensions:** Before beginning installation, carefully check the exact dimensions of this touch screen digitizer against your original unit to ensure a proper fit.
2. **Inspect Product:** Examine the new digitizer for any visible damage during shipping.
3. **Identify Interface:** Confirm the interface is an 80-Pin FPC connector, matching your system's requirements.



Image: Detailed dimensions of the 8-inch touch screen digitizer, including the FPC connector.



Image: Close-up of the 80-pin FPC (Flexible Printed Circuit) connector, which connects the digitizer to the main unit.

Installation Steps (General Guidance):

1. **Disconnect Power:** Ensure the vehicle's battery is disconnected before starting any work on electrical components.
2. **Remove Existing Unit:** Carefully remove the vehicle's navigation display unit from the dashboard.
3. **Disassemble Display:** Disassemble the display unit to access the old digitizer. This typically involves removing screws and prying open plastic clips.
4. **Remove Old Digitizer:** Gently detach the old digitizer from the LCD panel and disconnect its FPC cable.
5. **Prepare New Digitizer:** There is a protective film on the surface of the new panel. **Please remove this protective film before installation.**
6. **Connect New Digitizer:** Carefully connect the 80-Pin FPC cable of the new digitizer to the corresponding port on the display unit's circuit board.
7. **Mount New Digitizer:** Secure the new digitizer onto the LCD panel.
8. **Reassemble and Test:** Reassemble the display unit and reinstall it into the dashboard. Reconnect the vehicle's battery and test the touch functionality before fully securing all panels.

8" Touch Screen Digitizer for Mitsubishi Outlander Radio Navigation 2019-2022



Image: The 8-inch touch screen digitizer and an example of its integration into a Mitsubishi Outlander navigation system.

5. OPERATING INSTRUCTIONS

Once correctly installed, the A-BENET 8-inch Touch Screen Digitizer functions identically to the original equipment. Operation involves interacting with the screen through touch gestures (tap, swipe, pinch) to control the vehicle's navigation and infotainment system.

Ensure your fingers are clean and dry for optimal touch response. Avoid using sharp objects or excessive force on the screen, as this can cause damage.

6. MAINTENANCE

To ensure the longevity and optimal performance of your touch screen digitizer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth (e.g., microfiber) to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-specific cleaner. Avoid using harsh chemicals, abrasive cleaners, or alcohol-based solutions, as these can damage the screen's coating.

- **Protection:** Avoid placing heavy or sharp objects on the screen. While the digitizer is designed to be durable, excessive pressure or impact can cause damage.
- **Temperature:** Avoid exposing the screen to extreme temperatures for prolonged periods, as this can affect its performance and lifespan.

7. TROUBLESHOOTING

If you encounter issues after installing the digitizer, consider the following troubleshooting steps:

- **No Touch Response:**
 - Ensure the FPC connector is securely and correctly seated. A loose connection is a common cause of non-responsiveness.
 - Verify that the protective film has been completely removed from the digitizer surface.
 - Confirm that the digitizer model is indeed compatible with your specific navigation unit (refer to Section 2).
- **Inaccurate Touch Response:**
 - Check for any debris or foreign objects trapped between the digitizer and the LCD screen.
 - Ensure the digitizer is properly aligned and seated without any pressure points.
- **Screen Flickering or Display Issues:**
 - This product is only the digitizer (touch layer), not the LCD display. If you experience display issues (e.g., flickering, dead pixels on the image itself), the problem likely lies with the LCD panel or the main board, not the digitizer.
- **Physical Damage (Dents, Scratches, Cracks):**
 - If the new digitizer is physically damaged upon arrival, do not install it. Contact customer support immediately.

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

8. SPECIFICATIONS

Feature	Specification
Product Type	Touch Screen Glass Digitizer
Screen Size	8 inches
Interface	80-Pin FPC Connector
Touch Screen Type	Capacitive
Compatible Vehicle Type	Car (Mitsubishi Outlander Navigation)
Compatible Model Years	2019-2022

Item Weight	Approximately 10.56 ounces
Manufacturer	BENET

9. WARRANTY INFORMATION

This A-BENET Touch Screen Digitizer comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product is free from defects in material and workmanship under normal use.

The warranty does not cover damage resulting from improper installation, misuse, accident, unauthorized repair, or normal wear and tear. Please retain your proof of purchase for warranty claims.

10. SUPPORT AND CONTACT

For any questions, problems, or technical assistance regarding the installation or functionality of your A-BENET 8-inch Touch Screen Digitizer, please do not hesitate to contact our customer support team.

You can typically find contact information for the seller or manufacturer through your purchase platform or the product packaging.