

**CI-VIALD13, CI-VIALD19**

**AI Interactive LED Sign**

# **USER MANUAL**

**ATOTO**

## Preface

Thank you for purchasing the AI Interactive LED Sign manufactured by ATOTO.

Read and understand the entire user manual before operating this product for better product performance and protection of the operators.

**Product name:** AI Interactive LED Sign

**Model:** CI-VIALD13, CI-VIALD19

**Issue date of this manual:** July 8th, 2024

## Declaration

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## FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

# Customer Support

Company name: Shenzhen Aotule Electronics & Technology Co., Ltd  
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Website: <http://www.myatoto.com>  
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- The screenshot images provided in this manual may be different from what’s displayed on the current system. ATOTO may release new system updates, which may include changes made or newly added functions that are not mentioned here.
- Users can contact [support@atotoglobal.com](mailto:support@atotoglobal.com) to download the latest Operation Manual;
- The information in this manual may be insufficient. If you have any questions or problems concerning your unit that are not covered in this manual, consult your ATOTO dealer.

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# Chapter 1 Product Overview

## 1.1 Overview

This chapter is designed to acquaint you with the structure, functions, and operations of the AI Interactive LED Sign.

## 1.2 Product Appearance

The product comprises a LED Sign, an Offline AI Voice Assistant (Glow) and additional accessories.

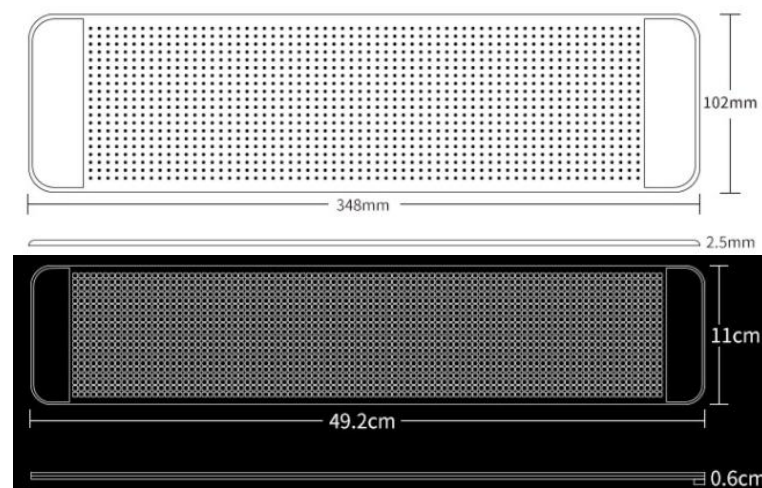


Figure 1-1 Product Appearance

Table 1-2 Legend of the product appearance

| No. | Name                   | Description  |
|-----|------------------------|--|
| ①   | Orientation Arrow      | The arrow is designed to ensure the correct mounting position. It means that users should follow this arrow direction to stick the screen. |
| ②   | LED Pixel Light        | 20*64; 600-1000cdm <sup>2</sup>  |
| ③   | Adhesive Mounting Area | This area is designed to stick the double-sided adhesive tape on the front sides of the screen securely.                                   |
| ④   | USB-C interface        | It is designed to connect the screen to your car.  |

### 1.3 Technical Specifications

| Parameters                                    | Description   |
|---|---|
| Product name                                  | AI Interactive LED Sign   |
| Product dimensions                            | 14.28-inch screen: 348×102×2.5mm (13.7 × 4.0 × 0.1 inches)<br>19.85-inch screen: 492×110×6.0mm (19.4 × 4.3 × 0.24 inches) |
| Screen type                                   | Full color flexible led screen  |
| Input   | DC5V-3A Max, USB to Type C Adapter Included   |
| LED Pixel count                               | 20*64(14.28-inch)<br>20*96 (19.85-inch)   |
| The luminous intensity of the LED Pixel Light | 600-1000cdm <sup>2</sup>  |
| Power cable length                            | 500cm   |
| Operation method                              | Voice control / APP   |
| Communication method                          | Bluetooth 5.2   |
| Supported formats                             | Text/Patterns/GIFs/Animations   |
| Packaging dimensions                          | 160*100*110mm   |
| IP rating                                     | IP66  |
| Net weight                                    | 115g(14.28-inch)<br>73g(19.85-inch)   |

## 1.4 Precautions for Use

For protection of the product and your safety, please read the precautions below carefully. Any operation violating the following safety precautions may cause product damage or physical injury.



- When storing the screen, carefully fold it with the front side inward. Do not bend the screen outward excessively.
- Avoid connecting this product to chargers or power sources that exceed 5V or 3A, as this may damage the product or cause safety issues.
- Non-professionals should not disassemble the product.
- Please pay attention to taking moisture-proof measure for this electronic product.
- The USB-C cable is not waterproof, please do not expose to the sun and rain.
- Do not place heavy objects on the screen.
- Keep away from fire.
- Keep away from the children to prevent accidental ingestion.

## Chapter 2 Installation

### 2.1 Overview

This chapter explains how to install an AI Interactive LED Sign. Read this manual carefully before installing the product.

### 2.2 Installation Components Overview

**Table 2-1 Installation Components Overview**



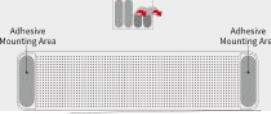
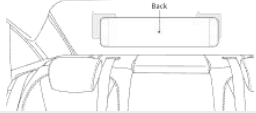
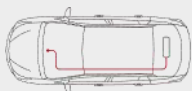

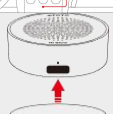
| No. | Item                             | Quantity |
|-----|----------------------------------|----------|
| 1   | AI Interactive LED Sign          | 1 PC     |
| 2   | Offline AI Voice Assistant       | 1 PC     |
| 3   | 16.4 FT USB-C Power Cable        | 1 PC     |
| 4   | 1.6 FT USB-C Power Cable         | 1 PC     |
| 5   | USB Female to USB-C Male Adapter | 2 PC     |
| 6   | Double-sided adhesive tape       | 1 Sheet  |
| 7   | Round Double-sided adhesive tape | 1 PC     |
| 8   | Car Static Cling Film            | 1 Sheet  |
| 9   | Screen Protective Film           | 1 PC     |



## 2.3 Installation Process

By following these steps, you can easily install your AI Interactive LED Sign and enjoy a smart, interactive driving experience.

**Table 2-2 Installation Process**

| No. | Figure  | Operation   |
|-----|---|---|
| 1   |    | Clean the area of the car window where you desire to mount the screen, and ensure it is dry and dust-free for optimal adhesion.   |
| 2   |    | Peel the car static cling film from its release paper and apply it to the previously cleaned area. This film is designed to prevent adhesive residue from the double-sided tape on car windows. |
| 3   |   | Peel the double-sided adhesive tape from its release paper and attach it to the <b>Adhesive Mounting Area</b> of the screen.  |
| 4   |  | Align the front side of the screen with the previously applied car static cling film and press the screen carefully to ensure it is securely attached.  |
| 5   |  | Connect the screen to your car using the 16.4 ft USB-C power cable. For a cleaner car interior environment, you can bury the cables under the car floor or seal them.                           |
| 6   |  | Connect the offline AI voice assistant to your car using the 1.6 ft USB-C power cable.  |
| 7   |  | You can secure the AI voice assistant in a convenient location using the provided round double-sided adhesive tape, or choose not to use the tape, depending on your preference.                |

### Warning

- Avoid connecting this product to chargers or power sources that exceed 5V or 3A, as this may damage the product or cause safety issues.
- When storing the screen, carefully fold it with the front side inward. Do not bend the screen outward excessively.
- We recommend that positioning your screen to avoid obstructing your view while driving.
- If your vehicle lacks available USB-A ports, use the provided USB Female to USB-C Male Adapter to connect the LED sign and AI Voice Assistant.

## 2.4 How to safely connect the USB

**Table 2-3 How to safely connect the USB**

| Charging Sources  | Possible issues of the product  |
|---|---|
| Use Original Android charges, certified power banks, and car chargers | Functioning properly.   |
| Use branded power strip USB and Apple phone charger                   | It may cause incomplete display of certain content or Bluetooth connection errors.                          |
| Do not use a computer, TV USB ports or car USB drive ports            | It may cause incomplete display of certain content or Bluetooth connection errors, and damage the USB port. |
| Do not use non-standard phone chargers or modified USB ports.         | It may cause chip and screen damage, and even pose a fire risk due to overheating.                          |

### Warning

- Abnormalities during use may be related to incorrect USB port selection.
- If the issue persists after correctly connecting the USB, please contact customer service.

## 2.5 Wiring Reference

Please refer to the following diagram for wiring. For a cleaner car interior environment, you can bury the cables under the car floor or seal them.



**Figure 2-1 Wiring Reference**

### Warning

- We recommend that positioning your screen to avoid obstructing your view while driving.

## Appendix A Packing List

For safe operation and reliable performance, use components manufactured or recommended by Aotule only. The packing list is shown in the table below.

| No. | Item                             | Quantity | Unit  | Remark   |
|-----|----------------------------------|----------|-------|--|
| 1   | AI Interactive LED Sign          | 1        | PC    |  |
| 2   | Offline AI Voice Assistant       | 1        | PC    |  |
| 3   | 16.4 FT USB-C Power Cable        | 1        | PC    |  |
| 4   | 1.6 FT USB-C Power Cable         | 1        | PC    |  |
| 5   | USB Female to USB-C Male Adapter | 2        | PC    |  |
| 6   | Double-sided adhesive tape       | 1        | Sheet | With 4 detachable small pieces                         |
| 7   | Round Double-sided adhesive tape | 1        | PC    | To secure the Offline AI Voice Assistant               |
| 8   | Car Static Cling Film            | 1        | Sheet | With 2 detachable small pieces                         |
| 9   | Screen Protective Film           | 1        | PC    | It is pre-installed on the LED sign                    |
| 10  | Digital User Manual              | 1        | Copy  |  |
| 11  | Online Resources Quick Guide     | 1        | Copy  | Installation Quick Guide and Online Manual Quick Guide |
| 12  | Warranty Card                    | 1        | Copy  |  |