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# Outdoor Portable LCD User Manual



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## Introduction

**Notice** : Any operation on this product must be carried out by professional engineering and technical personnel.

This manual mainly explains the field of use, technical parameters, operating instructions, and daily installation and maintenance of outdoor LCD products.

### 1、 Product Introduction

#### 1.1 Summarize

Outdoor liquid crystal (LCD) advertising machine, unaffected by the weather, displays your information outdoors, bringing good visual and auditory enjoyment to outdoor information dissemination. It can be widely applied to fields such as outdoor advertising playback, outdoor public information release, outdoor media dissemination, and touch interactive query.

Attention: During transportation, storage, and use, it is necessary to strictly follow the instructions on the packaging to maintain the placement of the equipment.

#### 1.2 Compliant with standards

<b>standard</b>	<b>detailed description</b>
GB/T17626.7	electromagnetic compatibility
GB4706.1	Safety of household and similar electrical appliances

GB4798.1	Environmental conditions for the application of electrical and electronic products - Storage
GB4798.2	Environmental conditions for the application of electrical and electronic products-Transportation
GB4798.3	Environmental conditions for the application of electrical and electronic products - Use
FCC	third-party certification
CE	third-party certification

## 2、 Installation and operation

### 2.1 Disassembling packaging and inspection

This product is packaged in wooden boxes as standard. When removing the outer packaging, the outer wooden box cover is opened first, and the side wooden board is removed to remove the equipment. Pay attention to counting the accessory packages according to the packaging list.

Attention:

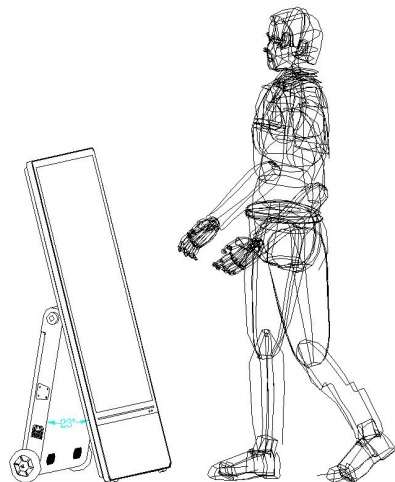
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This equipment is fragile and must be handled with care to prevent the glass surface from being hit. After removing the wooden board, please carefully check the appearance of the equipment for any damage or oil stains. If any damage is found, please immediately report it to the sales representative along with the bar code number outside the packaging.

If the product is not for immediate use or needs to be transported to other regions, please repackage the equipment after inspection.

## 2.2 Product placement

This product is an outdoor movable LCD. When removing the product, be careful not to place it upside down. Open the support rod and place it on the ground with the casters on the ground. ( The following equipment placement diagram )



## 2.3 product movement

Hold the handle with your hand and tilt the device at a certain angle to push it forward. Be careful to avoid high

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steps such as stairs and curbs。

### 3、 Run

#### 3.1 Powered on operation

After placing the equipment, turn on the power switch and the equipment can operate. As long as the LCD system is powered on, the backlight of the LCD screen starts to light up, and the entire LCD screen will display in about 3 seconds。

#### 3.2 Play program

Open the back door of the device, find the USB port, and copy the files that need to be played to the USB drive or motherboard memory by clicking Play。

#### 3.3 Battery charging

Find the charging interface, insert the charging cable into the charging interface first, and then insert the plug of the charging cable into the socket。

### 4、 Troubleshooting

<b>phenomenon</b>	<b>cause analysis</b>	<b>Inspection and maintenance</b>
<b>Device does not start</b>	<b>Circuit not working or short circuited</b>	Check for circuit blockage or short circuit, and repair the main power supply.
	<b>battery failure</b>	Replace the battery
		Check if the signal transmission line inserted

<b>blurred screen</b>	<b>poor contact</b>	on the LCD screen is loose, causing poor contact. If this occurs, tighten and fix the signal line and check if the problem is resolved; If there is no such situation, it may be due to poor LCD screen.
<b>Dark screen</b>	<b>Output voltage instability</b>	Check if the power output is normal. If the power output voltage is unstable (the voltage value does not reach 11-12V), it can be confirmed that the power supply is faulty. If the power output is normal, it is necessary to replace the drive board and inverter one by one until the fault is eliminated.
<b>no signal</b>	<b>NO Signal Input</b>	Check if the internal video cable and 5V power cable input to the decoding board are loose. If there is no such phenomenon, replace the decoding board or driver board. After replacement, check if the fault disappears.

## 5、 Daily maintenance

The equipment operates in harsh outdoor environments. To ensure its normal operation and playback, please refer to the table below for regular maintenance

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of the equipment.

Warning: All maintenance work must be carried out by qualified professionals.

Before carrying out any maintenance, please disconnect the power supply of the equipment and wait until the maintenance work is completed before connecting to the power supply.

**Maintenance Tool List :**

& M4 socket screwdriver

& Scissors, cable ties

**Maintenance steps :**

& Turn off the power, disconnect the power and signal wires

& Open the rear door and internal power cover of the device

& Clean the internal dust with an air gun or brush

& Install in sequence and restore the normal operation of the equipment

**Daily Maintenance Table :**

<b>Inspection items</b>	<b>Step Description</b>	<b>Maintenance Cycle</b>
LCD screen	Visually inspect the LCD for liquid leakage and any shadows on the backlight.	3-6 months
wire	Visual inspection for looseness	1 year

Fan abnormal	Pull the fan and check if it rotates smoothly and if there is any abnormal noise	1 year
Screw loose	Visual inspection for looseness	1 year

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.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.