



# User Manual (English)

# Safety Instructions

## Warnings and Precautions

### KNOW THESE SAFETY SYMBOLS



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol indicates high voltage is present inside. It is dangerous to make any kind of contact with any inside part of this product.



This symbol alerts you that important literature concerning operation and maintenance has been included with this product.

**CAUTION:** FCC/CSA regulations state that any unauthorized changes or modifications to this equipment may void the user's authority to operate it.

**CAUTION:** To prevent electric shock, match the wide blade of plug to the wide slot, and fully insert the plug.

TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

The Socket-outlet should be installed near the apparatus and be easily accessible.



Read and follow these instructions when connecting and using your ePaper display:

- Unplug the display if you need to clean it with a slightly damp cloth. The screen may be wiped with a dry cloth when the power is off. However, never use alcohol, solvents or ammonia-based liquids.
- Consult a service technician if the display does not operate normally when you have followed the instructions in this manual.
- The casing cover should be opened only by qualified service personnel.
- Keep the display out of direct sunlight and away from stoves or any other heat sources.
- Keep the display away from oil, otherwise the plastic cover may be damaged.
- Remove any object that could fall into the vents or prevent proper cooling of the display's electronics.
- Keep the display dry. To avoid electric shock, do not expose it to rain or excessive moisture.
- Environmental absolute ratings

Item	Min.	Max.	Unit
Storage temperature	-25	60	°C
Operation temperature	15	35	°C
Glass Surface temperature (Operation)	0	65	°C
Storage humidity	5	95	% RH
Operating humidity	35	80	% RH

- **Stability Hazard.**  
The device may fall, causing serious personal injury or death. To prevent injury, this device must be securely attached to the floor/wall in accordance with the installation instructions.

## Important Safety Instructions

1. Keep these instructions.
2. Heed all warnings.
3. Follow all instructions.
4. Do not use this apparatus near water.
5. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Only use attachments/accessories specified by the manufacturer.

9. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

**WARNING:** Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

**WARNING:** The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

**WARNING:** To prevent the spread of fire, keep candles or other open flames away from this product at all times.



**WARNING:** To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

**CAUTION:** These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

## Important information

Never place a Display in an unstable location. A Display may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the Display.
- Do not place the side Wi-Fi near any metal objects or metal walls. If the side Wi-Fi needs to be placed beside a metal object or metal wall, please keep a distance of at least 1.2 meters. Do not place it in front of any metal object, metal wall or metal desk. If it is placed directly in front of a metal object

or against a metal wall, please keep a distance of at least 1.2 meters.



- It is recommended to place the router behind the electronic screen without any metal or solid wall in the middle.
- "Burn-in" may appear if the screen is not refreshed for a long time, and it is recommended to refresh the screen at least once every 48 hours. If the "burn-in" problem occurs, reduce the problem by alternating all black and all white pictures. The number of times alternating black and white pictures required depends on how long the screen has not been refreshed.
- The optical values of EPD will be different in the three temperature ranges of low (15-19°C), middle (20-29°C) and high (30-35°C), resulting in slight discoloration of the displayed color, which belongs to the EPD characteristics with high sensitivity to temperature. It is normal that the temperature change picture will have color differences in a short time, and will not have adverse effects on the functional operation of the whole machine.

The built-in battery is a rechargeable battery, please charge it strictly according to the battery manual provided by the battery manufacturer.

Manufacturer/ Trademark Model	type/model	Technical Information
BAK Electronics	U326688PF	Capacity: 3000mAh, rated voltage: 3.85V, charging: 4.4V, temperature, charging: 0~60° C, discharging: -20~60° C

- To avoid possible injury, follow these instructions:
- DO NOT open, disassemble, or service any battery.
  - DO NOT crush or puncture the battery.
  - DO NOT short-circuit the battery, or expose it to water or other liquids.
  - DO NOT dispose of in fire.
  - DO NOT use another type of battery to replace the batteries.

警語：使用過度恐傷害視力。

注意事項：

(1) 使用 30 分鐘請休息 10 分鐘。

(2) 未滿 2 歲幼兒不看螢幕，2 歲以上每天看螢幕不要超過 1 小時。

### **FCC notices**

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.

The company, firm or user shall not change the frequency, increase the power or change the characteristics and functions of the original design of the low-power RF equipment without approval.

The use of low-power RF equipment shall not affect flight safety or interfere with legal communications; If interference is found, it shall be stopped immediately and can be used only after it is improved to no interference.

The foregoing legal communications refer to radio communications operated in accordance with the provisions of the Telecommunications Administration Act. Low-power RF equipment must withstand the interference of legitimate communication or industrial, scientific and medical electrical equipment radiated by radio waves.

Avoid affecting the operation of nearby radar systems.

High-gain directional antenna can only be used in fixed point-to-point system.



Note: The electronic paper screen is composed of plastic film and ultra-thin glass, which is different from the LCD screen normally used. It cannot withstand any external impact, such as single-point or heavy object pressure, which may cause damage or breakage of the screen; please pay special attention to its use. The warranty does not cover screen breakage.

## 1. Unpacking and Installation

### 1.1. Unpacking

- This product is packed in a carton, together with the standard accessories.
- Any other optional accessories will be packed separately.
- After opening the carton, ensure that the contents are complete and in good condition.

### 1.2. Package Contents

Please verify that you received the following items with your package content:

- ePaper Display
- Quick start guide
- USB C Cable



\* Items may differ in different locations

\* Display design and accessories may differ from the images shown.

NOTES:

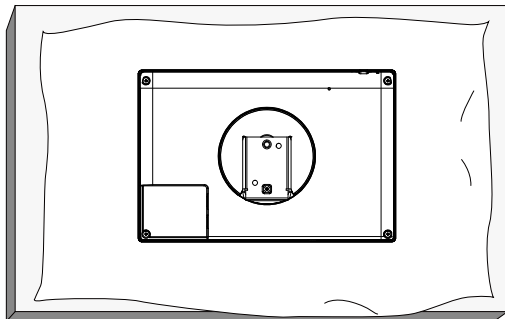
- For all other regions, apply a power cord that conforms to the AC voltage of the power socket and has been approved by and complies with the safety regulations of the particular country.
- Keep the packaging materials appropriately after unpacking the product.

### 1.3. Installation Notes

- The product should be installed on a flat surface, or the product may tip over. Leave a space between the rear of the product and the wall for proper ventilation. Do not install the product in a kitchen, bathroom or a place exposed to moisture, failure to do so may shorten the life of the internal parts.
- Do not install the product where it is 3,000m and higher in altitude. Failure to do so may result in malfunctions.

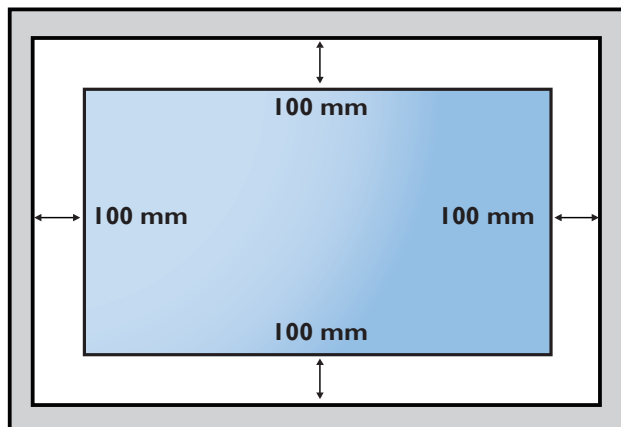
## 1.4. Mounting on a Wall

If you want to display this electronic paper on the wall of the kanban, you can use this electronic paper to display the wall-mounted iron parts of the kanban.



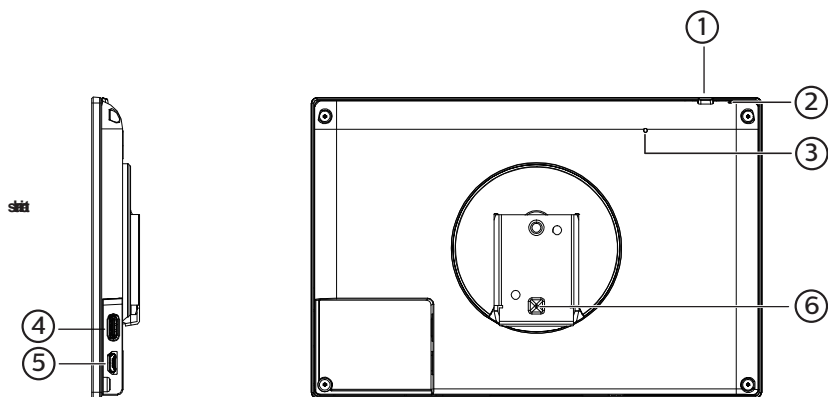
1. Prepare a flat and horizontal surface that is larger than the display and spread a thick protective sheet on it to facilitate your operation without scratching the screen.
2. Ensure you have all accessories for all types of mounting (wall mount, ceiling mount, table stand, etc).
3. Follow the instructions that came with the base mounting kit. Failure to follow the correct mounting procedures could result in damage to the equipment, or injury to the user or installer. The product warranty does not cover the damage caused by improper installation.
4. For the wall-mounting kit, use the M3 mounting screws (with a length 6 mm longer than the thickness of the mounting bracket) and tighten them securely.
5. Required space for ventilation

Leave a space of 100 mm at the top, rear, right and left of the display for ventilation.



## 2. Parts and Functions

## Introduction to the



- ① Power key: Switch the work/sleep mode and restore the factory page.

A. In the sleep mode, press once, and the green LED indicator light will be on for 3s to wake up the device to enter the working mode;

B. Press three times continuously within 2s to enter the sleep mode;

C. Press continuously for 5s, the screen will be updated to the initial screen and enter the working mode.

- ② LED:

Red LED:

A. When the battery power is less than 20%, the buzzer rings three times continuously, and the red LED indicator flashes for 3s;

B. Plug in the USB Type-C and charge it immediately after it is powered on. If the power of the device is less than 100%, the red LED indicator light will always be on; If the power of the device is equal to 100%, the red LED indicator will go out;

C. When the USB Type-C is disconnected from the device, the LED indicator is red.

LED indicator green: When you wake up the device or restart the device by pressing the Reset button, the green LED indicator will be on for 3s.

- ③ Reset key: press the Reset key briefly to force the device to restart.



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- ④ USB C port: It is used to charge the built-in lithium battery of the table.
  - ⑤ Mirco USB port: capable of connecting external keyboard. (keyboard shipped separately)
  - ⑥ HIPAA privacy switch: privacy protection function. When the table card is removed from the bracket, the screen will be cleared and beeped three times for prompt.

### 3. Cleaning and Troubleshooting

#### 3.1. Cleaning

##### Caution When Using the Display

- Be sure to disconnect all cables before moving the monitor. Moving the monitor with its cables attached may damage the cables and thus cause fire or electric shock.
- Disconnect the power plug from the wall outlet as a safety precaution before carrying out any type of cleaning or maintenance procedure.

##### Front Panel Cleaning Instructions

- The front of the display has been specially treated. Wipe the surface gently using only a cleaning cloth or a soft, lint-free cloth.
- If the surface becomes dirty, soak a soft, lint-free cloth in a mild detergent solution. Wring the cloth to remove excess liquid. Wipe the surface of the display to remove dirt. Then use a dry cloth of the same type to dry.
- Do not scratch or hit the surface of the panel with fingers or hard objects of any kind.
- Do not use volatile substances such as insect sprays, solvents and thinners.

#### 3.2. Troubleshooting

Problem	Possible reason	Solution
No screen update.	1. Whether the built-in lithium battery is dead 2. Whether the device is not in normal operation mode Whether APP operation is improper	1. Use USB Type-C wire to charge the device 2. Refer to the above key functions to make the device enter the working mode 3. Refer to the software mapping chapter or the instructions in the APP

## 4. Technical Specifications

Display:

Item	Specifications
Screen Size (Active Area)	18.5 cm / 7.3inches
Aspect Ratio	5:3
Number of pixels	800 (H) × 480 (V)
Pixel pitch	0.200 (H) × 0.200 (V) [mm]
Displayable colors	Four colors (black and white, red and yellow)

In/Out Terminals:

Item	Specifications
USB Input	Micro USB x 1
Power input	Type C x 1

General:

Item	Specifications
Power Input	5V === 2A
Power Consumption (Max)	1 W
Power Consumption (Typ.)	0.4 W
Dimensions (Without Stand) [W x H x D]	174.1 x 116.3 x 18.5 mm
Weight	0.206 kg
Display Resolution (Pixels)	800 (H) × 480 (V)

Environmental Condition:

Item	Specifications	
Temperature	Operational	15 - 35°C
	Storage	-25 - 60°C
Humidity	Operational	35 - 80% RH (No condensation)
	Storage	5 - 95% RH (No condensation)
Altitude	Operational	0 - 3,000 m
	Storage / Shipment	0 - 9,000 m

## 低功率射頻器材技術規範

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

在 5.25-5.35 赫赫頻帶內操作之無線資訊傳輸設備，限於室內使用。

應避免影響附近雷達系統之操作。

高增益指向性天線只得應用於固定式點對點系統。

WLAN/BT/RFID 非點對點系統 & 高增益系統，可依客戶要求不標示

此段文字”高增益指向性天線只得應用於固定式點對點系統”

This device complies with Part 15 of the FCC / ISED's licence-exempt RSSs 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.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

### **FCC/ISED/CE-RED Caution:**

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **Radiation Exposure Statement:**

This equipment complies with FCC/ISED/CE-RED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

### **Déclaration d'exposition aux radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements ISSED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.



规格如有变更，恕不另行通知。

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