

eBeam[®] TOUCH



USER MANUAL

Thank you for purchasing the eBeam Touch. To fully utilize this product, please read the user manual in detail before use. Be sure to keep the manual in a convenient location to easily access support whenever needed.

SAFETY PRECAUTIONS

Do not expose the unit to direct sunlight for extended period of time. Do not place the unit under high temperatures. The power supply is AC100V-240V, 50Hz/60Hz. Please check and ensure AC source is grounded. Please use the antenna isolator during installation.

WARNING

Do not attempt to open the cabinet to avoid any electrical shock. Consult your appliance dealer or local service provider if you have a problem with the unit. Please do not place any liquids on the unit. Be sure to unplug the power supply before cleaning. The front of the display panel is protected by reinforced glass, but can still be damaged if the panel is dropped face down or if the panel is struck with a hard object. If the front glass is cracked, please be cautious of broken glass. Please check and ensure AC source is grounded. Please ensure the unit is mounted on a stable surface. Please be aware of the high voltage inside the unit when the red light is on.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

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Outlook of Display

Open the package



Front View

Supplied Accessories

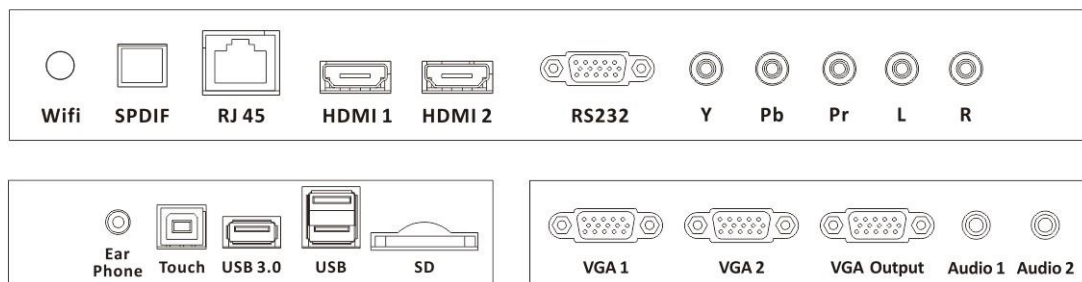
- Power cable
- Remote control
- User Manual
- Handwriting pen
- USB cable (Optional)
- HDMI cable (Optional)
- Certificate
- Warranty card
- Tools package

Function Instruction

I/O on Front Panel



I/O on Back Panel



Attention

- Please pay attention to the display terminal function while it is connected to other equipment.
- Please read this manual carefully if terminal function is not clear.
- Before connecting with other equipment, please power off and make sure the input and output are connected correctly.
- If the display unit is inactive for a long period of time, please power down, and disconnect the power plug.

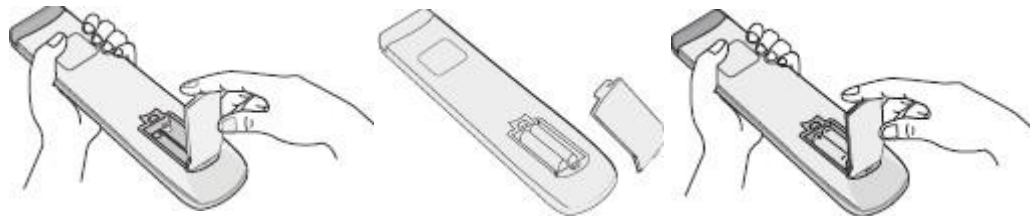
Power Supply

Connect the display's AC cord to a power outlet (AC110~240V, 50/60HZ). Power on the panel by pressing the red LED indicator light (standby mode). Press the power button on the remote control or use the keyboard on the panel. The display unit is ready to use when the red LED indicator light turns blue. Switch back to standby mode before powering off.

Battery Installation

Insert Batteries

1. Remove the cover located on the back of the remote control
2. Insert two "AAA" batteries
3. Place the cover back



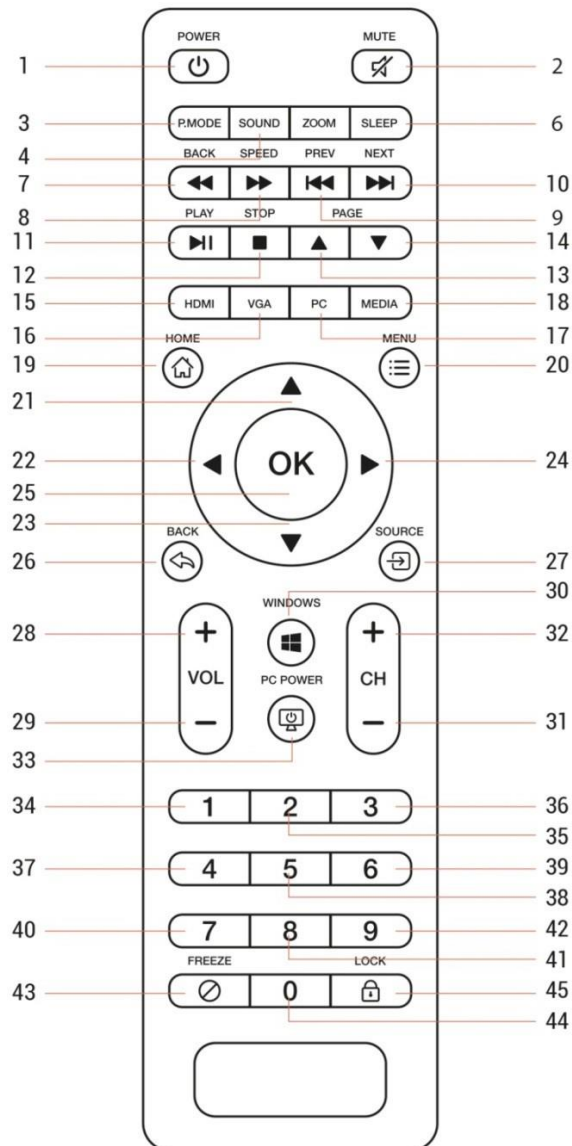
Caution

- Do not mix new and old batteries.
- Do not use different types of batteries together (i.e. manganese and alkali).
- If the battery is not rechargeable, do not recharge the battery.
- Please remove battery when not in use.
- Please give dead batteries to the recycle department.






Remote Control Instructions



- Do not drop the remote control.
- Avoid applying any physical impact to the remote control.
- Keep the remote control in a cool and dry environment. Any liquid contact may cause damage or malfunction.
- Replace battery when power is insufficient.

Remote Control Functions



Remote Control Buttons Function Description

| | | |
|----|---|------------------------------|
| 1 | POWER | Power |
| 2 | MUTE | Mute Sound On/Off |
| 3 | P-Mode | Change Picture Mode |
| 4 | Sound | Change Sound Mode |
| 5 | Zoom | Zoom In/Out |
| 6 | Sleep | Sleep |
| 7 |  | Reverse |
| 8 |  | Fast forward |
| 9 |  | Previous track |
| 10 |  | Next track |
| 11 |  | Play/Pause |
| 12 |  | Stop the current playback |
| 13 | Page ▲ | Page Up |
| 14 | Page ▼ | Page Down |
| 15 | HDMI | HDMI Input |
| 16 | VGA | VGA Input |
| 17 | PC | PC Input |
| 18 | Media | Switch to Media Signal |
| 19 | Menu | Android Home Page |
| 20 | Exit | Exit |
| 21 | ▲ | Up |
| 22 | ◀ | Left |
| 23 | ▼ | Down |
| 24 | ▶ | Right |
| 25 | Enter | Enter/Select |
| 26 | Back | Previous Page (Android only) |
| 27 | Source | Toggle through Input Source |
| 28 | VOL+ | Increase Volume |
| 29 | VOL- | Decrease Volume |
| 30 | Windows | OPS Windows |
| 31 | Channel+ | Channel Up |
| 32 | Channel- | Channel Down |
| 33 | PC Power | PC Power |
| 34 | 1 | 1 |

| | | |
|----|---|--------------|
| 35 | 2 | 2 |
| 36 | 3 | 3 |
| 37 | 4 | 4 |
| 38 | 5 | 5 |
| 39 | 6 | 6 |
| 40 | 7 | 7 |
| 41 | 8 | 8 |
| 42 | 9 | 9 |
| 43 |  | Freeze Frame |
| 44 | 0 | 0 |
| 45 |  | Child Lock |

NOTE: Functions related to PC will only work if internal PC is installed.

Operating Instruction

Channel Selection

1. Channel up (+) and down (-)
Press (+) to select a higher channel.
Press (-) to select a lower channel.
2. 0-9 keypad
Enter the channel number. Display will change accordingly to channel.

Sound Volume Adjustment

Press the volume +/- to adjust the sound level. The dot will move [left for Volume Down] or move [right for Volume Up] .



















To mute the sounds, click the mute icon. To close the mute function, click the mute icon again.







Main Interface



NOTE: Normal display is pictured above.

| Icon | Function Description |
|---|----------------------|
|  | Open / Close Sidebar |
|  | Source Selection |
|  | VGA 1 |
|  | VGA 2 |
|  | CVBS |
|  | YPBPR |
|  | HDMI 1 |
|  | HDMI 2 |
|  | HDMI 3 |
|  | OPS PC |
|  | Back |
|  | Toolbar |
|  | Screen Shot |
|  | Media Browser |
|  | System Setting |
|  | Volume Adjustment |

| | |
|---|----------------------|
|  | Open File |
|  | Annotation |
|  | Recently Opened Apps |
|  | Home |

System Setting Operation

Press Toolbar to display the System Setting.

Use the “▲/▼” arrows to navigate through the Picture/Sound/Setting/Time menu.

Picture Menu

| | | |
|---------|--------------|------|
| | Picture Mode | user |
| Picture | Contrast | 76 |
| | Brightness | 46 |
| Sound | Hue | 50 |
| | Sharpness | 5 |
| Setting | Saturation | 50 |
| | Back Light | 100 |

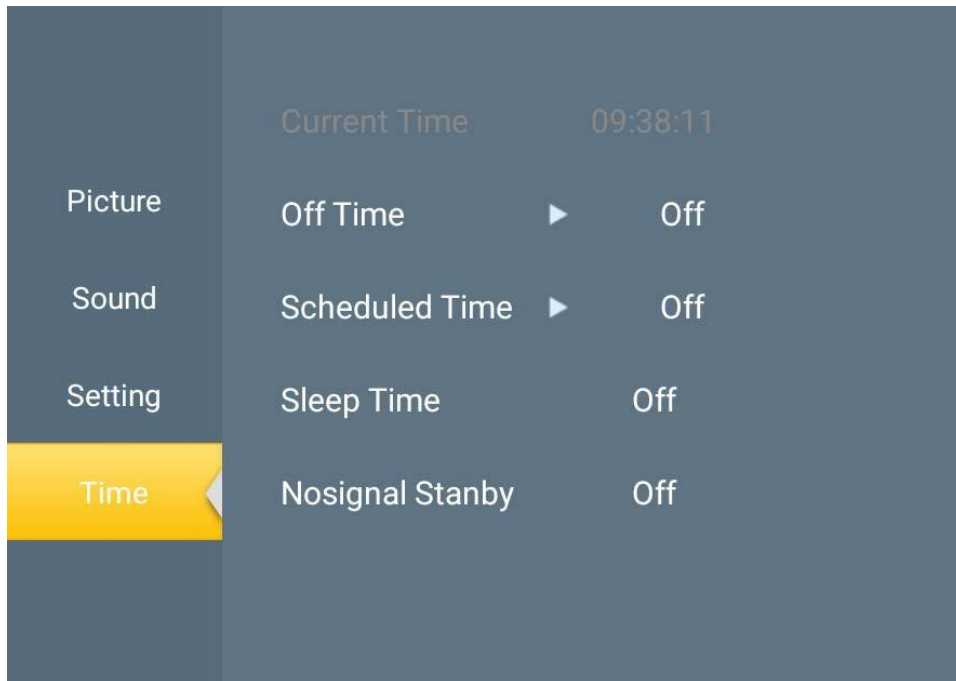
Sound Menu

| | | |
|---------|------------|-----------|
| | Sound Mode | Standard |
| Picture | Low Pitch | 50 |
| | High Pitch | 50 |
| Sound | | Equalizer |
| Setting | Balance | 50 |
| Time | AVC | Off |
| | AD Switch | Off |

Setting Menu

| | | |
|---------|--------------------|--------------|
| | Menu Time | 5 Seconds |
| Picture | Switch Mode | Black Screen |
| Sound | Source auto switch | Off |
| | Color Range | 16~235 |
| Setting | Movie Mode | On |
| Time | HDMI EDID Version | Default |
| | ChildLock | Off |

Time Menu



Source Menu



Input Signal Switching Over



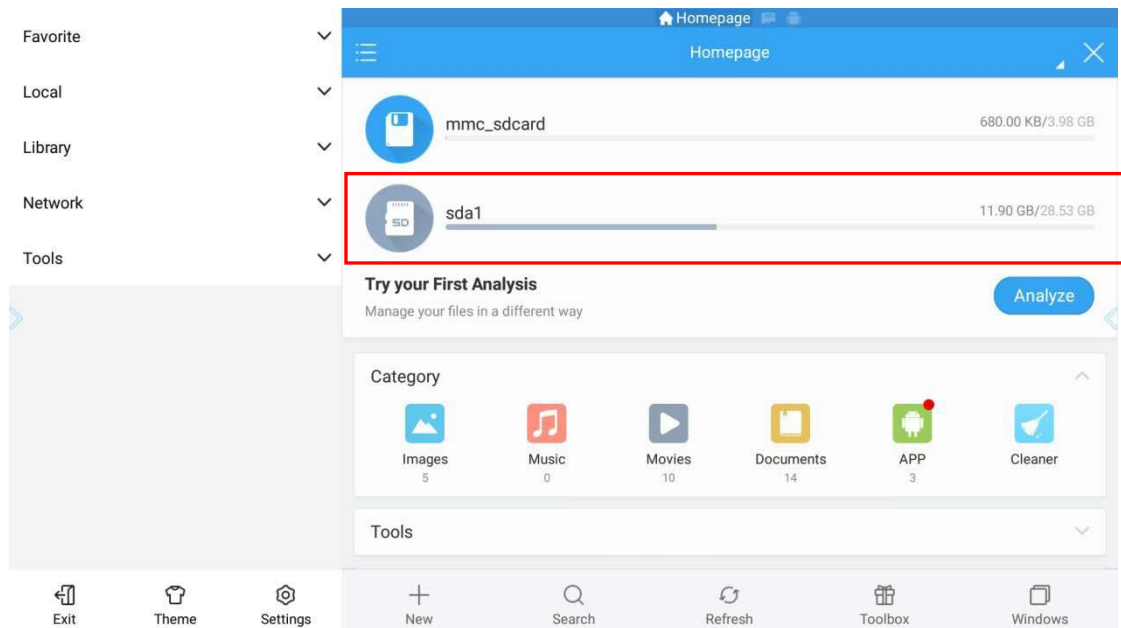
Press “Source ” button, showing Source Menu, then use ▲/▼ to navigate each Source, Press “ENTER” to make your selection.

APK File Installation

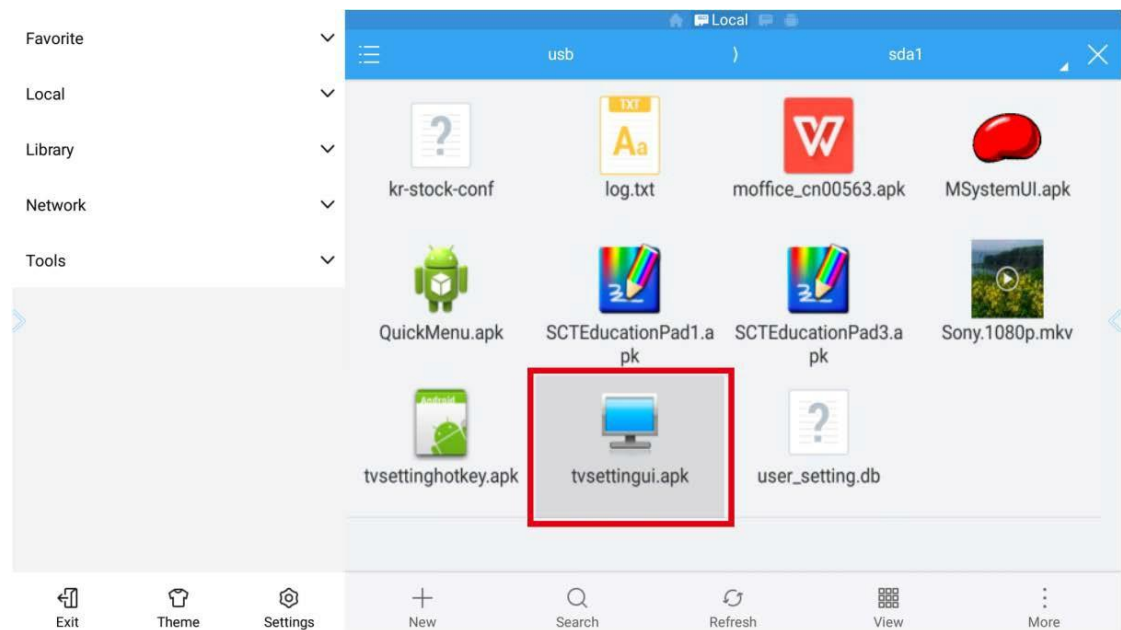
1. Insert USB stick or SD card with APK files, open the files in the main page



2. Find SD card or USB external storing disk in the left menu column, open and all files will show on the right column.



3. Find the APK files in the external saving files, click and install.



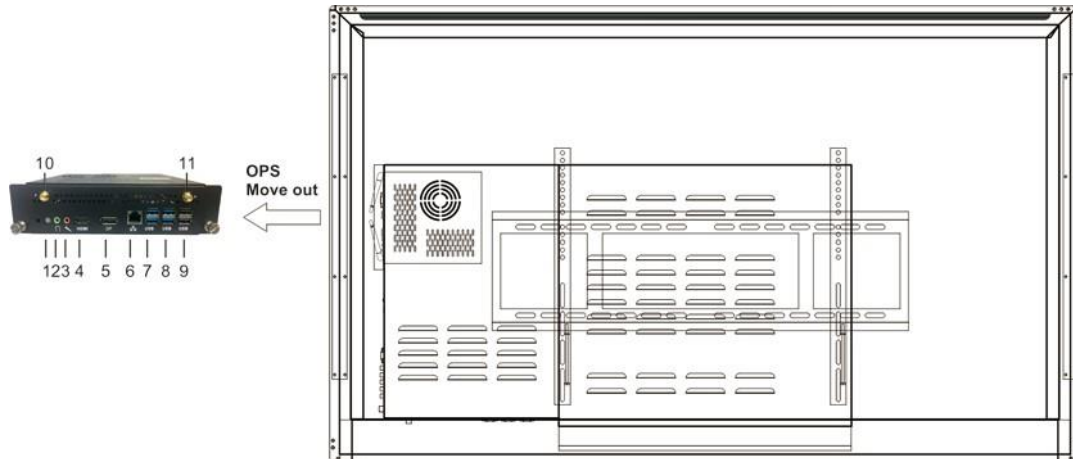
Download and Install APK online.

If needed, download and install APK online. Be sure the SD card is inserted into the main board before downloading APK. You will not be able to download APK files if SD card is not inserted.

Computer Ports and Connect Operations (Optional)

eBeam Touch Panel is equipped with OPS Slot for optional OPS operation. Please follow the picture below to insert OPS unit into the monitor. Please turn off power before installing OPS

Computer Terminals



CAUTION

The power and the signals are connected by 80-pin connector. If removed from the main unit, please check and remove any clogging in the pin connector before reinserting. It is recommended to keep the connector clean.

RS232 Com-port Function Setting and Encode Table

RS232 connects with computer or center equipment. Open the RS232 Com-port and make sure the settings are the same as below.

| | | | |
|--|------|------------------|----|
| Port number:COM1(Based on the port number of computer or center control) | | | |
| Bit rate: | 9600 | Odd-even verify: | no |
| Data: | 8 | Stop bit: | 1 |

The key operation function is the same as the remote control key pad.

| | | | |
|----------|-------------------|--------------------------|------------------|
| Turn on | F6 01 01 01 F9 6F | HDMI1 | F6 30 01 0930 6F |
| Turn off | F6 01 01 00 F9 6F | HDMI2 | F6 30 01 0A31 6F |
| Mute on | F6 02 01 01 FA 6F | CH+ | F6 37 01 002E 6F |
| Mute off | F6 02 01 00 F9 6F | CH- | F6 37 01 012F 6F |
| display | F6 30 01 0027 6F | S-VIDEO | F6 30 01 052C 6F |
| AV1 | F6 30 01 0128 6F | COMP ONENT(component) | F6 30 01 062D 6F |
| AV2 | F6 30 01 0229 6F | PC-RGB | F6 30 01 082F 6F |

Command form: [F6][Command][Set ID][Data][CS][6F]

1. Command is function encoding.
2. Set ID display (equipment encoding)is 1
3. Date can make the real function data.
4. CS verify code is CS=F6+Command +Set ID+Data,if CS is greater than FF, then get the lower two number ,for example CS=12A,Then is 2A
5. F6, 6F are beginning code and ending code of command.

The data above and below is hexadecimal (except special explain), the length is 1 byte, ellipsis OX for convenience.

(1)、Volume adjust :F6 0B 01 DATA CS 6F (DATA 0-64 decimalize volume 0-100)

(2)、Channel: F6 36 01 DATA CS 6F (DATA 0-63 decimalize channel 0-100)

Recycle

For disposal of unit, please refer to the local management organization about the display, battery, and pack material.



Please recycle the abandon product or deliver the unit to the appropriate garbage disposal station. It can be reused after cleaning, disassemble, or crushed.