

10.1 Inch Open Frame Touch Monitor User Manual



Introduction

Thank you very much for purchasing the Santek 10.1 inch open frame monitor.

Before using this product, please read the safety precautions and menu settings to ensure proper operations.

Contents

Safety Precautions	2 - 4
Product Features, Accessories & Specifications	5
OSD Settings	6
Screen Settings	7
Color Settings	8
Advance Settings	9
Sound Settings	10
Other Settings	11
Connecting to a Raspberry Pi	12
Connecting to a PC	13
Warranty, Privacy Policy and Customer Service	14

Safety Precautions

Please read this precaution before using this product for the safety of the user or other people.

Warning	Degree of harm which the user is expected to suffer death or serious injury if handled incorrectly	 Warning
Attention	Degree of harm or damage which the user is expected to suffer minor injury or physical damage if handled incorrectly	 Attention

 Warning	Setting • Storage Location • Use Environment
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- **Do not use in bathroom.**
It may cause fire or electric shock.
- **Do not place in an unstable/uneven place.**
It may fall and cause injuries.
- **Do not block the ventilation openings.**
Heat will be trapped inside, causing malfunction and fire.
- **Do not touch the power plug, adapter and product with wet hands.**
It may cause electric shock.
- **Keep out of reach of children.**
It may fall and cause injuries.
- **Do not place/install on or near a range or humidifier.**
It may cause fire or electric shock.
- **Do not place under direct sunlight or near heat sources.**
The housing and internal circuits may be affected and cause fire.
- **Do not place near inflammable solvent (e.g. alcohol or paint thinner).**
It may cause fire or electric shock.

 Warning	Outlet Socket • Connector
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- **Do not place under direct sunlight or near heat sources.**
The housing and internal circuits may be affected and cause fire.
- **Do not place near inflammable solvent (e.g. alcohol or paint thinner).**
It may cause fire or electric shock.

Safety Precautions



Attention

Setting • Storage Location • Use Environment

- **Do not place heavy objects on top of the unit.**
It may lose balance or drop which cause damage.
- **Do not hit or scratch the LCD screen with a pointed object.**
- **This product is for indoor use only.**
It is not waterproof.
- **Do not drop or impact the unit.**
- **Keep a distance from radio to avoid noise signals.**
- **Turn off the power by unplugging the power cable immediately.**
If it is damaged by dropping or impact during use.
- **Avoid following environments:**
Direct sunlight or hot / Extremely cold / Violent vibrations / Water / Sand.
Strong EM waves (broadcast tower/cables/magnets/radar/motor, etc.)
- **Do not place near inflammable solvent (e.g. alcohol or paint thinner).**
It may cause fire or electric shock.



Attention

Miscellaneous

- **Replace the cables when they are damaged.**
- **Do not cover the product with cloth or bedding.**
Heat accumulated may damage the product and cause fire.

Safety Precautions



Attention

Troubles

- **If the LCD panel is damaged and leaking, please do the following:**
 - Skin contact: Wipe off any deposits, flush with water, wash thoroughly with soap and then get medical attention.
 - Eye contact: Wash thoroughly with clean water, wash for at least 15 minutes, then get medical attention.
 - If swallowed: Wash the mouth often with water.
Drink plenty of water and exhale, then get medical attention.



Attention

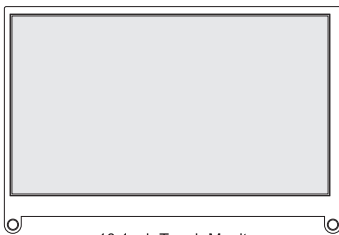
Others

- **Magnetic or electromagnetic interference may cause distorted images, noise, or loss of important data.**
- **Clean the product and its LCD monitor with a blower brush, or wipe gently with a dry soft cloth. Do not wipe with hard objects.**
- **Remove the power connection while cleaning the product.**



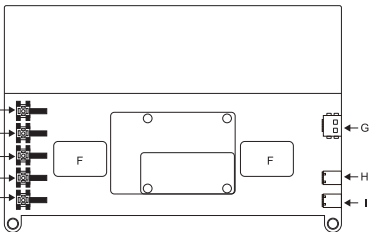
Product Features, Accessories & Specifications

Front view

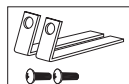


10.1inch Touch Monitor

Rear view



Accessories



Stand x 1set



USB Cable
(Type A - Type C)x2
For Power (5V / IN)
For Touch (5V / Touch)



Raspberry Pi
Mounting
Screw x 1set



HDMI Cable
(HDMI - mini HDMI)

Features

- A : POWER ON / OFF
- B : Menu / Enter
- C : Select: UP / Increase Volume
- D : Select: Down / Decrease Volume
- E : Exit
- F : Speaker x2
- G : mini HDMI Port
- H : 5V Power Input
- I : 5V Touch Panel Power Input

Accessories

- HDMI - mini HDMI Cable x 1
- USB Type A - Type C Cable x 2
(1 for 5V monitor power input;
1 for 5V touch panel power input)
- Stand x 1 set Raspberry Pi
Mounting Screw x 1 set

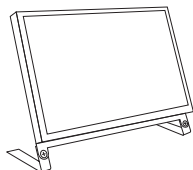


Image of stand mounted

Product Specifications

Model	SOF1010A1B
Panel Type	IPS Screen
Screen Size	10.1 inch
Aspect Ratio	16:10
Resolution	1280×800
Brightness	500cd/m ²
Color Gamut	50%
Built-in Speakers	8Ω/2W×2pcs
Refresh Rate	60Hz



OSD Settings



[Button Operation]

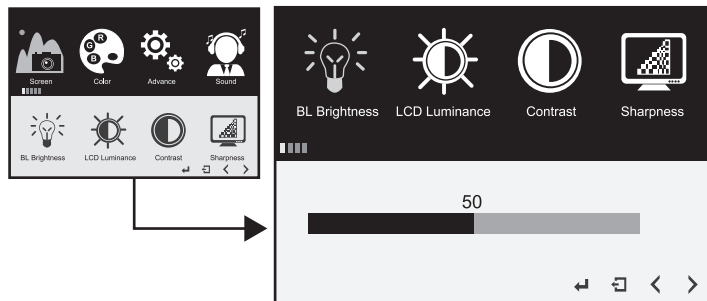
- A → POWER ON/OFF
- B → Start OSD / Display OSD main menu / Confirm
- C → Menu selection / Adjust slide bar / Increase volume
- D → Menu selection / Adjust slide bar / Decrease volume
- E → Return to previous menu / Double click to exit OSD

[OSD Setting Details]

- ① **Screen Settings:** BL Brightness / LCD Luminance / Contrast / Sharpness
- ② **Color Settings:** Color Temp / Saturation
- ③ **Advance Settings :** Display Ratio
- ④ **Sound Settings:** Volume / Mute
- ⑤ **Other Settings:** Reset / OSD Timeout / OSD H Pos / OSD V Pos / Language / OSD Transp



Screen Settings



Example:

- ① Press the OSD menu button and select the [Screen] icon.
- ② Select [BL Brightness], then press the menu button to confirm.
- ③ Use the UP or DOWN button to adjust the value.
- ④ When the adjustment is completed, press the menu button to confirm.

※ If you wish to continue other Screen settings, select the next menu to be changed with the UP or DOWN button, and repeat steps ② to ④.

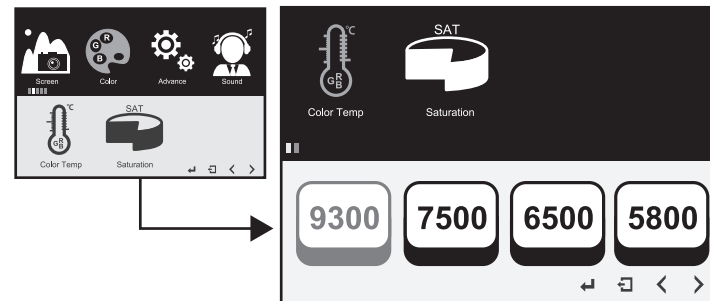
※ If you wish to select another OSD menu setting, press the exit button once to return to the OSD menu and make your selections again.

【Screen Setting Details】

- ① BL Brightness Adjust screen backlight brightness from 0~ 100
(More significant than setting in ②)
- ② LCD Luminance Adjust screen brightness from 0 ~ 100
- ③ Contrast Adjust the difference in brightness between bright and dark areas from 0 to 100
- ④ Sharpness Adjust the strength of the outline of the image from 0 to 100



Color Settings



Example:

- ① Press the OSD menu button and select the [Color] icon.
- ② Select [Color Temp], then press the menu button to confirm.
- ③ Use the UP or DOWN button to adjust the value.
- ④ When the adjustment is completed, press the menu button to confirm.

※ If you wish to continue other Screen settings, select the next menu to be changed with the UP or DOWN button, and repeat steps ② to ④.

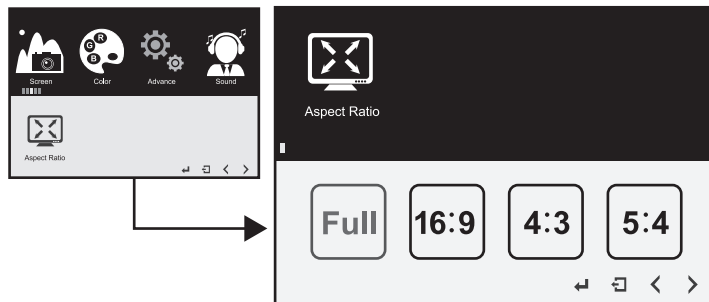
※ If you wish to select another OSD menu setting, press the exit button once to return to the OSD menu and make your selections again.

【Color Setting Details】

- ① Color Temp Adjust color temperature 9300/7500/6500/5800
- ② Saturation Adjust color strength and vividness from 0 ~ 100



Advance Settings



Example:

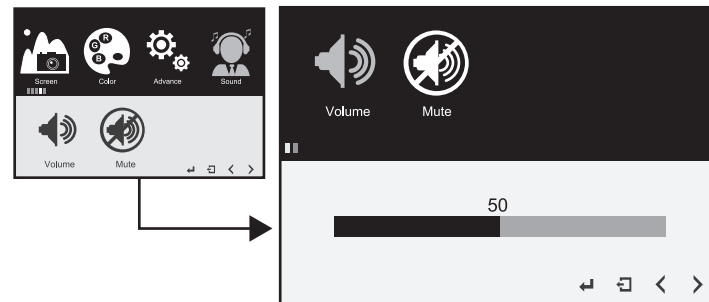
- ① Press the OSD menu button and select the [Advance] icon.
 - ② Select [Display Ratio], then press the menu button to confirm.
 - ③ Use the UP or DOWN button to adjust the value.
 - ④ When the adjustment is completed, press the menu button to confirm.
- ※ If you wish to select another OSD menu setting, press the exit button once to return to the OSD menu and make your selections again.

【Color Setting Details】

- ① Display ratio Adjust the ratio of the length of the long side and short side.



Sound Settings



Example:

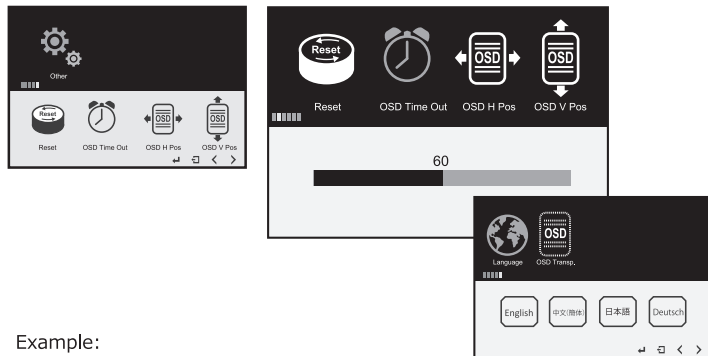
- ① Press the OSD menu button and select the [Sound] icon.
 - ② Select [Volume], then press the menu button to confirm.
 - ③ Use the UP or DOWN button to adjust the value.
 - ④ When the adjustment is completed, press the menu button to confirm.
- ※ If you wish to continue other Sound settings, select the next menu to be changed with the UP or DOWN button, and repeat steps ② to ④.
- ※ If you wish to select another OSD menu setting, press the exit button once to return to the OSD menu and make your selections again.

【Sound Setting Details】

- ① Volume Adjust volume from 0 ~ 100
- ② Mute ON / OFF If set to ON, Sound volume becomes 0.
If set to OFF from ON, Sound volume resumes to previous setting.



Other Settings



Example:

- ① Press the OSD menu button and select the [Other] icon.
- ② Select [OSD Time Out], then press the menu button to confirm.
- ③ Use the UP or DOWN button to adjust the value.
- ④ When the adjustment is completed, press the menu button to confirm.

※ If you wish to continue other Other settings, select the next menu to be changed with the UP or DOWN button, and repeat steps ② to ④.

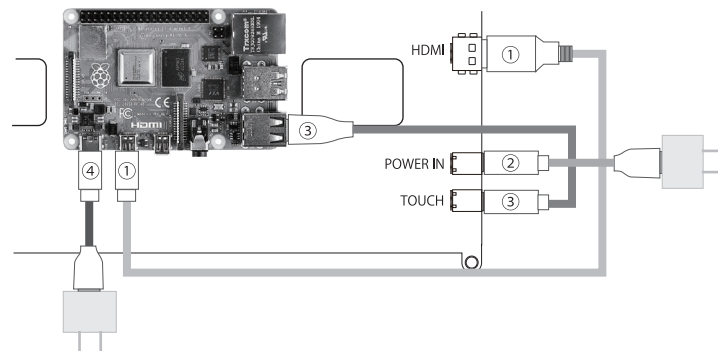
※ If you wish to select another OSD menu setting, press the exit button once to return to the OSD menu and make your selections again.

[Other Setting Details]

- | | |
|------------------|---|
| ① Reset | Reset settings to default |
| ② OSD Timeout | Set the time until the menu screen disappears when no operation is performed, from 10 to 60 |
| ③ OSD H Position | Adjust the horizontal position of the OSD screen from 0 to 100 |
| ④ OSD V Position | Adjust the vertical position of the OSD screen from 0 to 100 |
| ⑤ Language | Switch between Japanese / English / Chinese / German / Spanish |
| ⑥ OSD Transp | Set the transparency of the OSD menu screen from 0 to 100 |



Connecting to a Raspberry Pi



- ① mini HDMI - micro HDMI Cable (Not included)
- ② USB Cable (Type A - Type C) (For Power)
- ③ USB Cable (Type A - Type C) (For Touch)
- ④ Raspberry Pi Power

[Connecting to a Raspberry Pi]

- ① Set up the Raspberry Pi control board and monitor as above, when you intend to use the monitor on its stand.

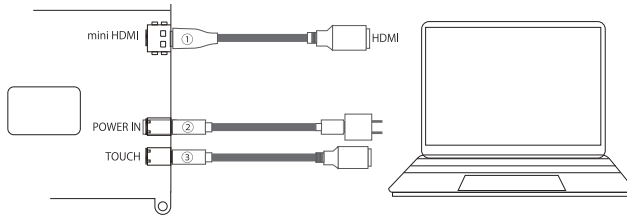
* Raspberry Pi can be fixed with the included screws.

- ② Use separate 5V power supplies for the Raspberry Pi control board and this product's display control board.

* The screen may flicker at the time it is powered.



Connecting to a PC



① HDMI - mini HDMI Cable

② USB Cable (Type A - Type C) (For Power)

※ Some PCs require external power supply

③ USB Cable (Type A - Type C) (For Touch)

● When the touch function does not respond:

- Check if the touch cable is connected correctly.
- Change the connection with other computer equipment and check if there is a problem with the touch interface.
- Connect one end of the touch cable to this unit and the other end to another computer device, or HDMI devices such as host computer, Raspberry Pi, etc
 - * Connecting the monitor to a game device, or connecting the touch end of the monitor to a power socket, will disable the touch function.
 - * Make sure the USB cable (Type A - Type C) used has data transfer function.



Warranty

1. If the product malfunctions within the warranty period under normal conditions in accordance with the precautions in the instruction manual and the label affixed to the main unit, the product will be repaired or replaced.
2. When requesting repair or replacement due to a malfunction within the warranty period, please bring your purchase history such as receipts.
3. If you are unable to request repairs from the store where you purchased the product because you have moved or received the product as a gift, please contact us.
4. Even within the warranty period, repair will be charged in the following cases.
 - a. Malfunction or damage due to mishandling or repair/modification by the customer.
 - b. Failure and damage due to dropping after purchase.
 - c. Failure or damage due to fire, earthquake, flood, lightning, other natural disasters, pollution or abnormal voltage.
 - d. Failure and damage when used for purposes other than general household use (for example, long-term commercial use).
 - e. Consumption, wear, failure, damage, or loss of the main unit and accessories included with the main unit.
5. Please keep your purchase receipts in a safe place.

Privacy Policy

We strictly comply with the privacy laws that deal with the regulating, storing, and using of personal information such as address, name, and telephone number of our customers.

Purpose of Use

Your personal information may be used and recorded for our inquiry reply and repair service purposes.

Customer Service

Please contact below email for support

cs@santek.us

Warranty		
Part Number		SOF01010A1B
Date of Purchase		
Warranty Period		6 months from purchase
Customer	Address	
	Name	