TFT LCD MONITOR

USER MANUAL

HDVS Series

1852CSH

CE

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT
TO RAIN OR MOISTURE.
DO NOT INSERT ANY METALLIC OBJECT THROUGH VENTILATION GRILLS.

CAUTION:


```
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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.
```

Explanation of Graphical Symbols

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended
to alert the user to the presence of uninsulated "dangerous voltage" within the product=s
enclosure that may be of sufficient magnitude to constitute a risk of electric
shock to persons.

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

Precautions

Safety--------------------------------------

Should any liquid or solid object fall into the
cabinet, unplug the unit and have it checked
by the qualified personnel before operating it
any further.

Unplug the unit from the wall outlet if it is not
going to be used for several days or more.
To disconnect the cord, pull it out by the plug.
Never pull the cord itself.

Allow adequate air circulation to prevent
internal heat built-up. Do not place the unit on
surfaces(rugs, blankets, etc.) or near materials
(curtains, draperies) that may block the
 ventilation holes.

Installation--------------------------------------

Do not install the unit in an extremely hot or
humid place or in a place subject to excessive
dust or mechanical vibration.

The unit is not designed to be waterproof.
Exposure to rain or water may damage the unit.

Cleaning-------------------------------------

Clean the unit with a slightly damp soft cloth.
Use a mild household detergent. Never use strong
solvents such as thinner or benzene as they might
damage the finish of the unit.

Retain the original carton and packing materials
for safe transport of this unit in the future.

Safety Precautions

Federal Communications Commission (FCC) Statement

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.

● You are cautioned that changes or modifications not expressly approved

by that party responsible for compliance could void your authority to
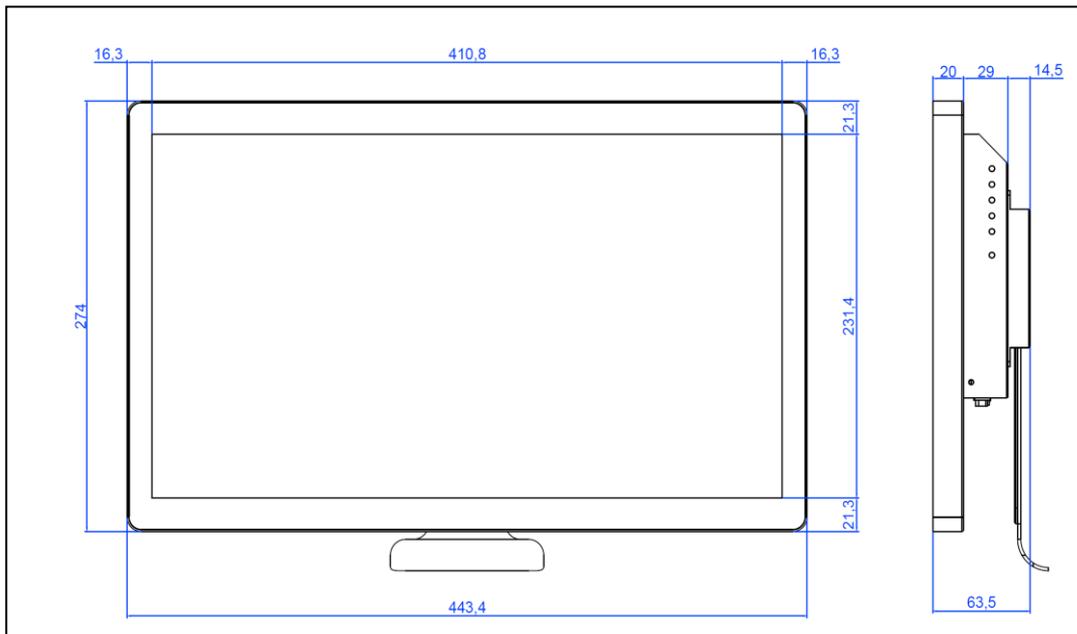
operate the equipment.

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

Features

- Multi-Function Display
- VGA/ DVI-D and HDMI Input
- True 10 bits Color processing engine
- Independent color management(ICM)
- Dynamic contrast control(DCC)
- Supported 1080p Full HD.
- Build-in 2W+2W speaker
- VESA standard bracket 100mm .
- Wall mountable capability.

Operating Instructions

Key Board

1. Power

Push to turn on and turn off the unit.

LED Green light: Power on

LED Red light: Standby mode.

2. 3. Adjust UP /DOWN

UP: Used as UP function. Or Increase value on the OSD Menu.
And as a hot key for color adjust function.
DOWN: Used as DOWN function. Or Decrease value on the OSD Menu
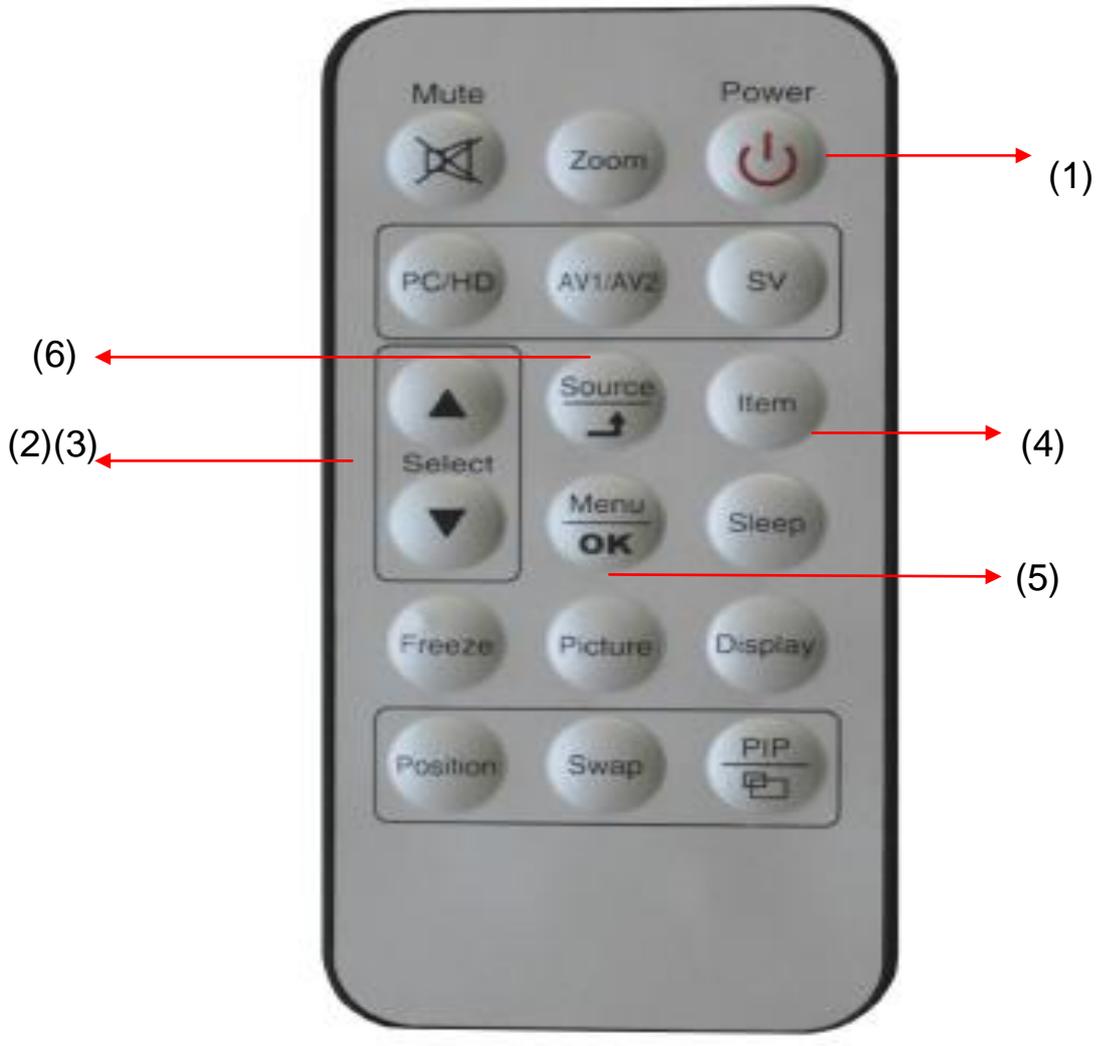And as a hot key for auto adjust function.

4. Item:

Hot key for OSD adjustments of Volume , Contrast, Brightness, and Red, Green, Blue.

5. Menu

Push to call out OSD menu. Or Used as Confirm function in OSD Menu.

6. Source

Select input signal from D-SUB, HD,DVI .

KEY Lock Function:
Push "Menu" and "Item" , OSD of screen will show "Key Lock on", Into key lock mode.
And push again , OSD of screen will show "Key Lock off ", Into key unlock mode.

IR remote control(option)

1. Power

Push to turn on and turn off the unit.

LED Green light: Power on

LED Red light: Standby mode.

2. 3. Adjust UP /DOWN

UP: Used as UP function. Or Increase value on the OSD Menu.
And as a hot key for color adjust function.

DOWN: Used as DOWN function. Or Decrease value on the OSD Menu.
And as a hot key for auto adjust function.

4. Item:

Hot key for OSD adjustments of Volume , Contrast, Brightness,
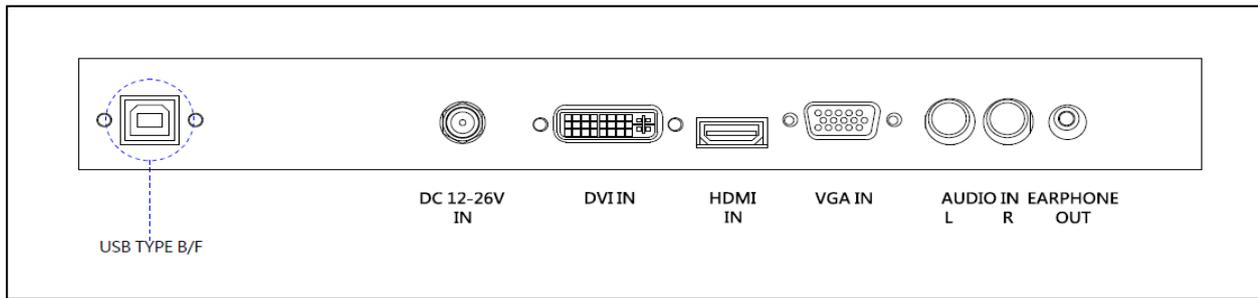, and Red, Green, Blue.

5. Menu

Push to call out OSD menu. Or Used as Confirm function in OSD Menu.

6. Source

Select input signal from D-SUB, HD,DVI .

Connection: HDVS Series

DC 12-26V IN   DVI IN   HDMI IN   VGA IN   AUDIO IN L R   EARPHONE OUT

USB TYPE B/F

OSD Function

```
Color
Image Setting
OSD Menu
Signal Source
Audio
Misc.
Back
```

Color:
Contrast
   Adjust background black level of the screen image.
Brightness
     Adjust fore ground white level of the screen image.
Color Adjust
     Adjust Red, Green, Blue, color deepness for Users.
Color Temp
     Adjust color temperatures for users.
      9300, 6500, 5800, sRGB, USER
Back
Exit OSD menu.

Image Setting:
Clock
   Adjust image distortion appearing as vertical or "noise" on the screen.
Phase
   Adjust image distortion appearing as horizontal or "noise" on the screen.
Sharpness
   Adjust the clarity and focus of the screen images.
H. Position
   Move the screen image left or right.
V. Position
   Move the screen image up and down.
Back
   Exit OSD menu.

OSD Menu:

OSD H. Pos
Move the OSD menu position left or right.

OSD V. Pos
Move the OSD menu position up or down.

OSD Timer
Set the OSD menu display time.

Language
Select the desired language as English, French, German, Spanish, Traditional Chinese Simplified Chinese, and Japanese.

Back
Exit OSD menu.

Signal source

Select the input signal D-sub, HD, DVI.

Back
Exit OSD menu.

Audio

Volume
Control built-in speakers' output Volumes

Mute
Disable the unit's sound output

Back
Exit OSD menu.

.**Misc:**

Auto Adjust
Adjust the best image.

Color Adjust
Adjust the best image color.

Reset
Return to factory default setting.

Obiter (Screen Saver)
Use the manual buttons to on/off the screen saver

Exit:
Exit the OSD menu.

PC Timing

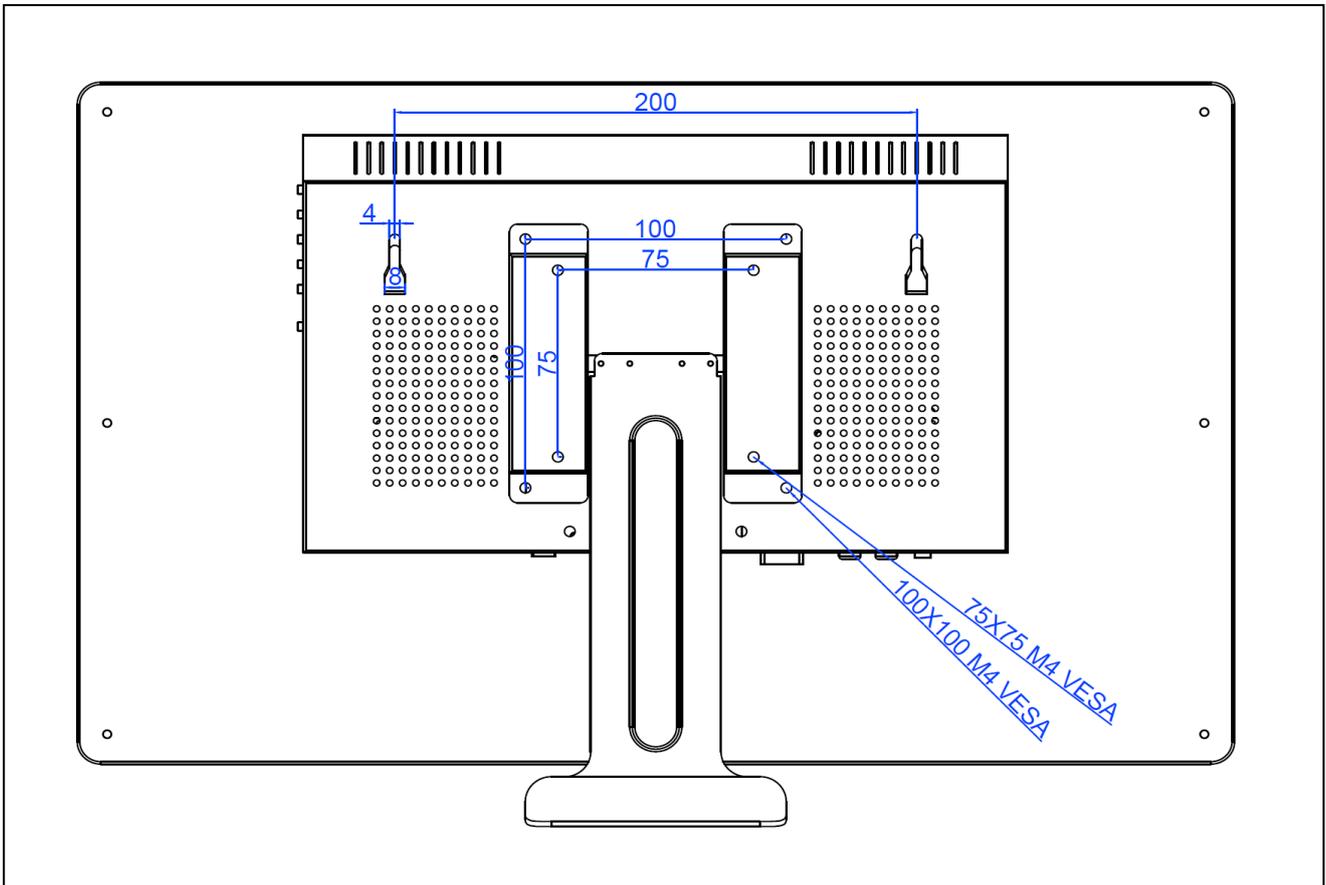| Mode	Resolution
1	800*600@60
2	800*600@72
3	800*600@75
4	1024*768@60
5	1024*768@70
6	1024*768@75
7	1280*1024@60
8	1280*1024@75
9	1360*768@60
10	1920*1080@60

LCD monitor Mounting Guide

A .Wall mount/ VESA Bracket

Free your space with wall mount design.

Please follow the fix-hole size in back panel to install the LCD to the wall.

Specification

Monitor model	1852CSH
LCD panel	18.5"
Active area (mm)	408.96x 230.04
Picture format	16: 9
Max. resolution	1920x1080
Pixel pitch (mm)	0.213 x 0.213
Colours	16.7M
Brightness	1000 cd/m² [LED]
Contrast	1000 :1
Response time(Tr/Tf)	10/10 ms
View angle (U/D/L/R)	89/89/89/89
HDMI input	1x HDMI (A Type)
Audio input(R/L)	1x (RCAx2)
PC input	1x VGA input (D-Sub 15 pin) 1x DVI-D input
Earphone out	1xPhone jack ,3.5ψ
Speaker	2x built-in speaker (2 watt)
Touch screen type	**Projected capacitive multi-touch screen**
Touch screen Hardness	≧6H
Touch point	Single/multi
Touch screen input method	Finger
Touch screen Transparency	≧86%
Touch screen controller	USB
OSD setting	Yes
Power input	DC12V~26V
Power consumption	Approx. 35 watt
Dimensions (WxHxD) mm	443.4X274.0X63.5
Weight	4.3kg
Operating temperature	-20° to 70° C

Subject to technical changes without prior notice.

Appendixes

Troubleshooting

The tables provided below include some problems that the user may encounter while using the display and the corresponding solutions. Please refer to the contents of this section prior to contacting service personnel.

Problem	Possible Causes	Solutions
No picture	1. Is the power cable connected to the unit? 2. Is the unit turned on? 3. Is the signal cable connected to the unit? 4. Is the unit in power saving mode?	1. Make sure the power cable has been properly connected to the unit. 2. Turn on the unit. 3. Make sure the signal cable has been properly connected to the unit. 4. Press any key on computer keyboard.
Strange color	1. Is the signal cable connected to the unit?	1. Make sure the signal cable has been properly connected to the unit.
Picture distortion	1. Is the signal cable connected to the unit? 2. Is the video input signal within the unit's specified frequency range?	1. Make sure the signal cable has been properly connected to the unit. 2. Make sure the input signal is within the unit's specified frequency range.
Picture is too dim	1. Have the unit's brightness and contrast settings been set to the lowest level?	1. Adjust brightness and contrast
Only sound but no picture	1. Is the connection of the input signal correct?	1. Check connection of input signal. 2. Make sure the signal cable has been properly connected.
Only picture but no sound	1. Is the signal cable connected to the unit? 2. Has the volume been set to the min level? 3. Is the audio cable connected to the unit?	1. Make sure the signal cable has been properly connected to the unit. 2. Adjust the volume to an appropriate setting. 3. Make sure the audio cable has been properly connected to the unit.

Please contact the customer service center of your local dealer if you have any questions regarding the unit after reading the information provided above.