SPINET

17inch Portable LCD Monitor/TV
OWNERS Manual

IMPORTANT SAFEGURDS

⚠ WARNING

SAFETY INSTRUCTION for The prevention of Fire, Electric Shock, or Injury
ALWAYS OBSERE THE FOLLOWINGS

1, Before using this unit, make sure to read the instruction below,
and the Owner`s Manual.

2, Do not open or perform any internal modifications on the model

3, Do not attempt to repair the unit, replace parts within it

4, Never use or store the unit in places that are
: Subject to temperature extremes(e.g., direct sunlight in an enclosed
Vehcle, near a heating duct, on top of heat-generating equipment)or are
: damp(e.g., baths, washrooms, on wet floors9;or are
: Humid;or are
: Exposed to rain;or are
: Dusty;or are
: Subject to high levels of vibration

5, Make sure you always have the unit placed so it is level and sure to
Remain stable. Never place it on stands that could wobble, or on inclined
Surface.

6, Use only the attached power-supply cord.

7, Do not excessively twist or bend the power cord. Nor place heavy objects
On it. Doing so can damage the cord, producing severed elements and short circuts.

8, Do not allow any objects(e.g., flammable material, coins, pins);or liquid of
any kind(water, soft drinks etc.) to penetrate the unit.

9, Immediately turn the power off, remove the AC adaptor from the outlet, and
Request servicing by your retailer.
: The AC adaptor, the power-supply cord, or the plug has been damaged;or
: If smoke or unusual odor occurs.
: Objects have fallen into, or liquid has been spilled on to the unit;or
: The unit has been exposed to rain(or otherwise has become wet);or
: The unit does not appear to operate normally or exhibits a marked
Changed in performance.

10, In households with small children, an adult should provide supervision
until the child is capable of following all the rules essential for the
safe operation of the unit.

11, Protect the unit from strong impact(Do not drop it!!)

Instruction for LCD Panel

1, Do not leave the Panel for a long time in Direct Sunshine.
It could be cause of damage. Please pay attention to place the monitor.

2, Do not scratch, push hard and put on any object on the panel.
It could be cause of damage.

3, LCD Panel is made by precision techniques, but yuu could find lack of dot.
It is not a inferior goods.

Contents

Before use

1-1. Accessories

Please make sure the following items are included with your LCD TV.

If any items are missing, contact your dealer.

User's Manual

DC Adaptor

Power Cord

RF Cable

D-Sub Cable

1-2. Panels

1) Front Panels
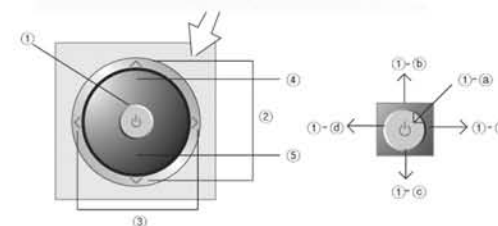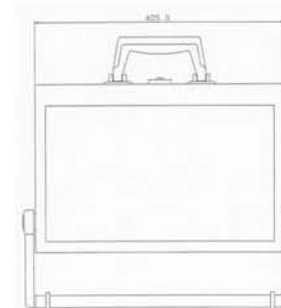
① Power/Menu
② Channel Button
③ Sound Cont. / Menu Set
④ Remote Control Sensor
⑤ LED

①-ⓐ Power-On/Off
①-ⓑ AUTO / Move above Menu
①-ⓒ SOURCE / Move under Menu
①-ⓓ Exit Menu
①-ⓔ Load Menu

※ AUTO button searches automatically TV channels if set as TV, and it adjusts automatically for PC mode.

※ Power button is jog shuttle type button and it operates different functions by pushing it to Up/Down/Left/Right.

2) Rear Panels

1. POWER
2. AC ADAPTER INPUT
3. PC VGA/DTV INPUT
4. S-VIDEO INPUT
5. COMPOSITE VIDEO INPUT
6. AUDIO L INPUT
7. AUDIO R INPUT
8. AUDIO LINE IN
9. AUDIO LINE OUT
10. TV ANT
11. SD-SDI OUT PUT (BNC)
12. SD-SDI INPUT (BNC)
13. SELECT SWITCH(SD-SDI - COMPOSITE)
14. VIDEO IN(COMPOSITE)
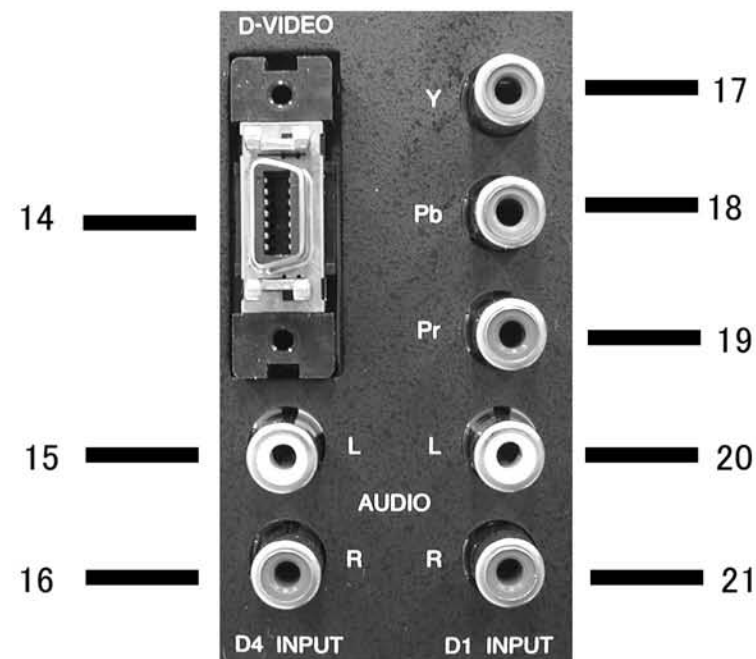
14, D-VIDEO TERMINAL
15/16, AUDIO INPUT(L.R)
17/18/19, Y, Pb, Pr INPUT
20/21, AUDIO INPUT(L,R)

22, JACK(Please confirm this jack in 10p

1-3. MENU Configuration

Most functions of the TV set can be controlled by MENU and selection buttons on the remote control, so learning how to operate them would be convenient for you.

1) Menu Configuration

2) Using Remote Control

① Press MENU button to display main menu.

② Press VOL button to move to sub menu of a selected main menu.

③ To move among menus, use CH button.

④ To change a selected menu setting, use CH button.

⑤ Press VOL button to return from sub menu to main menu or from main menu to menu removal.
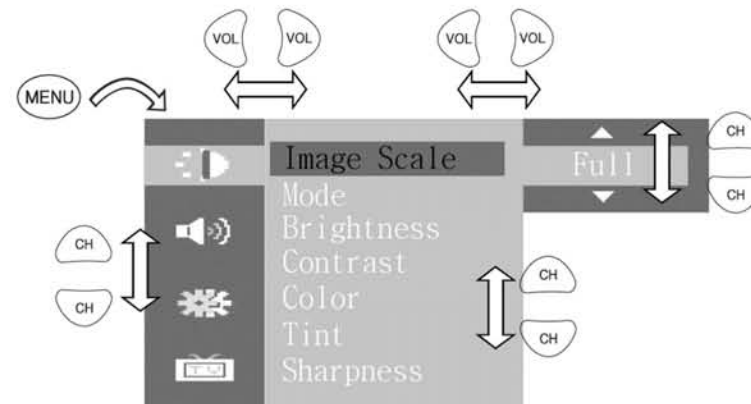
1-4. JOG Shuttle Button

① Push MENU button right to display main menu.

② Push it right again to display sub menu.

③ Push MENU button left to return to main menu.

④ Push it left again to clear menu.

⑤ Push the button up and down to move among menus.
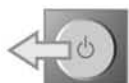- If pushing it upward when menu is not displayed, it controls TV channel search or automatic PC settings.
- If pushing it downward when menu is not display, it changes input signals.

1-6. Inserting the Batteries in the Remote Control

① Remove the cover of the remote control.

② Check the polarity of batteries and insert them in right directions.

③ Replace the cover.

④ Available batteries : 2 DC 1.5V AA-type batteries

Since incorrect insertion of batteries may cause breakage, leakage or injuries, check the polarities before the insertion.

Separate and collect used batteries for the protection of environment.

Do not use alkaline and manganese batteries together.
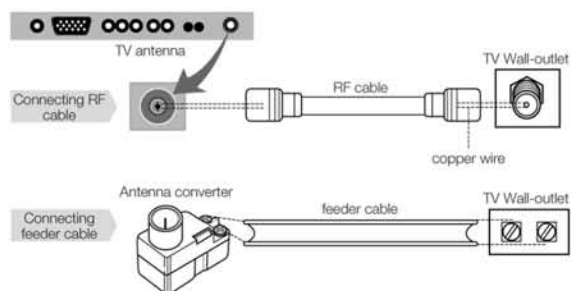
Connection

2-1. Connecting Power

① The product automatically adjusts voltage.

In case 110V is used, connect 110V Conversion adaptor before use.

② Power Cable should be firmly connected to an outlet or DC adaptor in order not to be pulled out or shake.

2-2. Connecting TV Antenna

① When round cable (75Ω coaxial cable) is used, copper part of the cable should not be bent.

TV antenna

TV Wall-outlet

Connecting RF cable

RF cable

copper wire

Antenna converter

Connecting feeder cable

feeder cable

TV Wall-outlet

Cautions

1. When an outdoor antenna is used, it is recommended for a skilled technician to install it.

2. It may be helpful to better display to purchase additional installing amplifier if there is any problem with weak radio wave.

2-3. Connecting PC
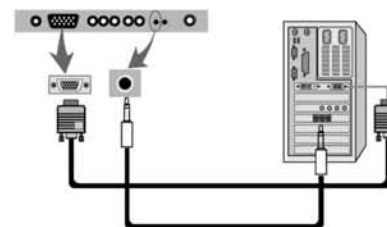
① Connect D-Sub Cable to D-Sub port on the TV and PC.

② Connect Audio Cable (not included) to Audio output of a PC (stereo jack) and PC Audio Input Port of the TV (stereo jack).

2-4. Connecting DTV

Digital TV Broadcasting Receiver

Pb   Y   Pr   L   R

Pb   Y   Pr   L   R

<Input>

<Output>
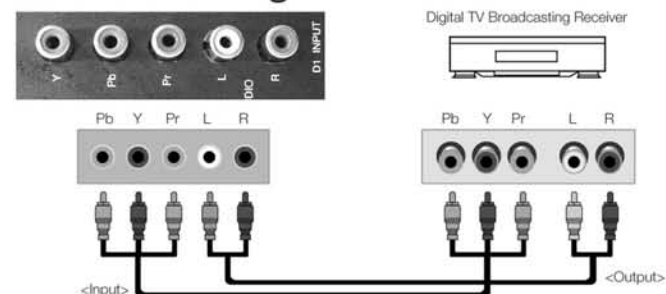
① Connect Component Cable (not included) to DTV Connection ports of TV (Pb Y Pr) and DTV Receiver.

② Connect Audio Cable (not included) to Audio ports (L/R) of TV and DTV Receiver.

③ Cables should be connected to ports of same colors.

④ Set the video output of a DTV Receiver as 576p, 720p.

※ Se si collega l'ingresso del componente DTV con un segnale di tipo non progressivo (lettore DVD), non è possibile visualizzare l'immagine in maniera adeguata.

※ Please connect SCART or S-VIDEO input with non-Progressive type signal for proper image display.

2-5. Connecting SCART

<Input>

<Output>
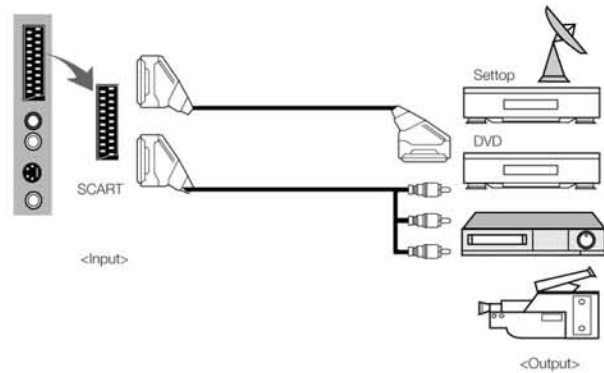
① Connect SCART Cable (not included) to SCART port of TV and DVD player, VCR,

Set-Top box or camcorder.

② It supports Full SCART.

2-6. Connecting VIDEO/S-VIDEO Input

VCR/DVD Player and etc

Audio Output/Video Output/S-VIDEO Output

<Input>

<Output>

① Connect Video/Audio Cable (not included) and S-VIDEO Cable to Video port of TV

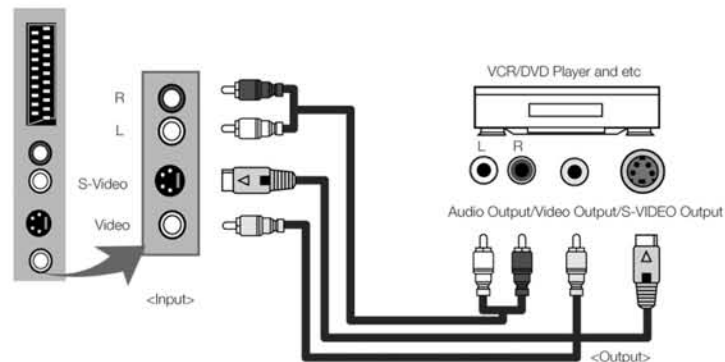and camcorder, game machines, VCR, DVD player or Set-Top box.

② Cables should be connected to ports of same colors.

③ Audio signals of S-VIDEO should be used with external audio signal cables.

④ S-VIDEO signal secures better quality than composite video signal.

2-7. Connecting SD-SDI VIDEO INPUT(BNC)/COMPOSITE(BNC)

OUT   IN   SELECT   VIDEO
SD
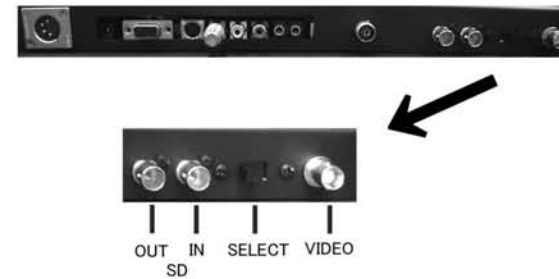
VIDEO : COMPOSITE INPUT BNC CONNECTOR
SELECT SW : TO SELECT SD-SDI OR COMPOSITE
SD-SDI IN : SD-SDI INPUT BNC CONNECTOR
SD-SDI OUT : SD-SDI OUTPUT BNC CONNECTOR

PLEASE NOTE: When you connect SD-SDI INPUT(BNC) or COMPOSITE(BNC)

Please put the jack(pic.1) to COMPOSITE VIDEO INPUT(pic.2)

When you connect to COMPOSITE VIDEO INPUT(pic.2) please remove

the jack(pic.1).

↑   pic.2
COMPOSITE VIDEO INPUT

pic.1

10

2-8. Connecting Headphone(speaker) Output
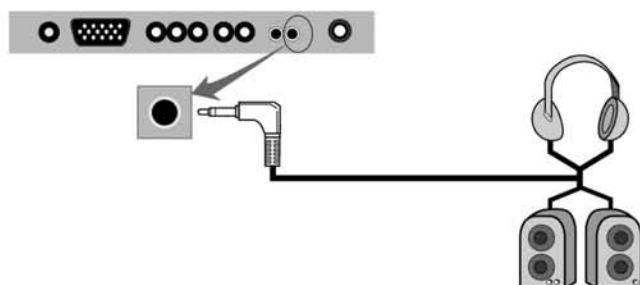
① Connect Headphone (not included) to the Headphone output port of the TV.

② If possible, use the headphones of which impedance is 8Ω. Other headphones may output too weakly or strongly.

③ In case of connecting to speakers, connect speakers with amps. If connected with speakers without amps, it may sound weakly.

Using TV Menus

3-1. Watching TV

1) Precautions in the initial installation

① Check whether TV antenna cable is properly connected.
② After checking whether the voltage is 100V or 220V, supply the electric power and connect the adaptor to the TV.
   At the moment, TV is in standby.

2) Turning on TV

① Turn on the Power button directly on the set or by remote control.
② Each pressing the button turns on or off the set.

POWER

Power Button on Remote Control

Power Button on the TV Set

3) Channel Selection

① Press CH button on the remote control to change channels.
② Press numeric buttons (0~9) to go to a channel directly.
③ Press CH buttons (∧ / ∨) on the TV set to increase or decrease TV channels.

CH

CH
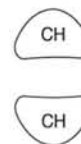
Channel button on the remote control

Channel button on the TV set

4) Move to Previous Channel

PRE

Previous Channel Button

① Every time pressing the PRE button on the remote control, it moves to a previous channel.

5) Volume Control

① Increase/decrease volume by pressing VOL button on the remote control.
② Press VOL button (< / >) on the TV set to control the volume.

VOL   VOL

Volume Button on the remote control

Volume Button on the TV Set

12

6) Mute

MUTE button on the remote control

① Press MUTE button on the remote control to sound off temporarily.
② Press it again to turn the sound back on or press volume buttons.

7) Checking the present broadcasting information

Broadcasting Info Button

① Press DISPLAY button on the remote control to display the information on the screen.
② Press it again to remove the information except input source automatically.
③ Press it again to remove all information.

3-2. Channel Search & Fine Tune

When using the TV first after purchase, reconnecting it due to power failure or other reasons, channels should be searched and registered again.
Since Channel Search function searches channels currently broadcasted, you should execute it when most channels are broadcasted.

1) Channel Search

AUTO

- Press AUTO button on the remote control.
- Once you move to Start by using VOL button on the remote control, it starts channel search.
- To stop channel search, repress MENU button on the remote control.
- If you stop it during channel search, it stores the currently searched channels only.
- Also, it can be set in OSD menu if JOG button is used.
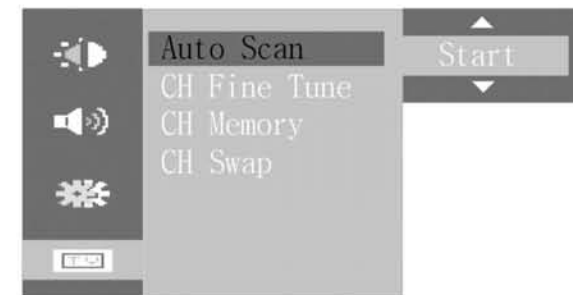
2) Fine Tuning Channel Reception

If a searched channel is unclear or sounds abnormally, use Fine Tune function.

- Press MENU button and move to <CH Fine Tune> menu.
- Set the best status with CH button on the remote control.
- Once the setting is complete, exit from menu.

3-3. Add/Remove Channel

You may add or remove a channel as your need.

- Move to a channel to add or remove by pressing numeric buttons(0~9) or CH button.
- Press MEMORY button on the remote control.
- In case of adding a channel by using CH button on the remote control, move to Add.
- Once the setting is complete, press MEMORY button again.
- Also, it can be set in OSD menu if JOG button is used.

MEMORY
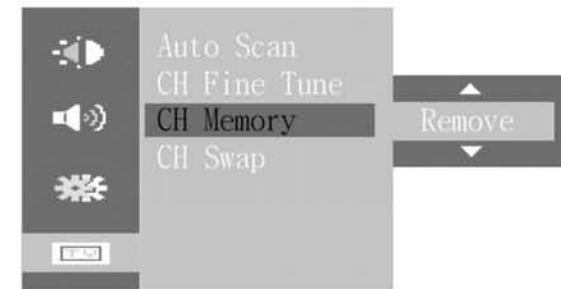
3-4. Channel Swap

In case of channels frequently watch, you can switch it to other channel numbers and store them.

- Move to a channel to change.
- Press MENU button on the remote control and move to <CH Swap> menu.
- Set both channels that you are watching and want to swap.
- Change the default and escape the menu.
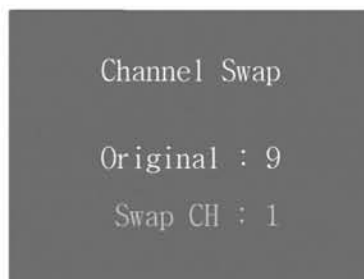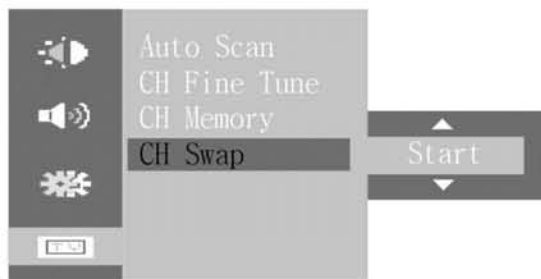
Using Menus of Picture, Sound and Others

4-1. Setting Picture Mode

By setting a picture mode suitable for broadcasting/video signals, you may enjoy better quality picture.

1) Image Scale : Full - Wide

You can set the screen's suitable image scale of TV or Video input signals and view them accordingly.

- Press [SCALE] button on the remote control.
- Control the scale(s) in desirable size(s) by using Volume button on the remote control.

① **Full** : Show a screen in the full LCD Panel.
② **Wide** : Show a screen in the 16:9 Wide screen size.

- Also, it can be set in OSD menu if JOG button is used.
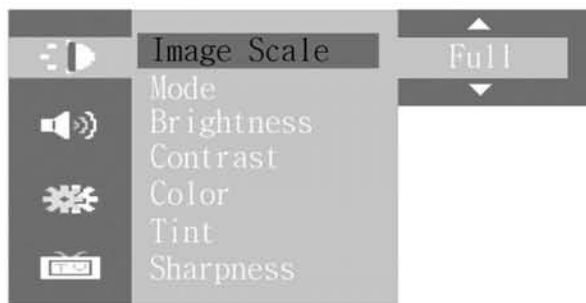
2) Mode : Standard - Soft - Dynamic - User

By setting a picture mode suitable for broadcasting/video signals, you may enjoy better quality picture.

- Press [PICTURE] button on the remote control.
- Set a picture mode by using [PICTURE] button on the remote control.

① **Standard** : Standard picture mode.
② **Soft** : It displays a picture softly as a whole and is better for watching a film or TV series.
③ **Dynamic** : The mode is suitable for watching sports, which changes pictures fast.
④ **User** : It is a picture mode customized by a user.

- Also, it can be set in OSD menu if JOG button is used.

16
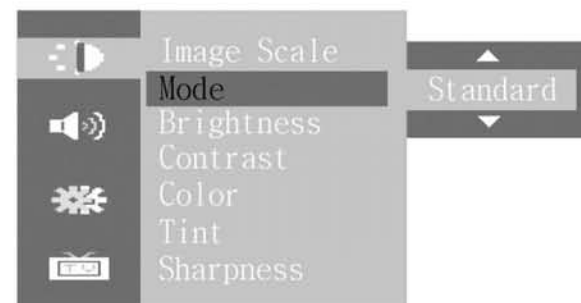
3) Brightness : Adjust screen brightness

- Also, it can be set in OSD menu if JOG button is used.

4) Contrast : Adjust screen contrast
5) Color : Adjust screen color
6) Tint : Adjust screen tint
7) Sharpness : Adjust screen sharpness

4-2. Setting Sound Mode

You can set sound suitable for TV broadcasting or Video.

① **Volume** : Adjust volume

② **Bass** : Adjust bass

③ **Treble** : Adjust treble

④ **Balance** : Adjust balance of left & right speaker

4-3. Setting Others

- Press MENU button on the remote control to move to Main Menu.
- Change the settings by using VOL / CH button on the remote control.

① Sleep Timer

- Press SLEP button on the remote control.
- Sleep timer can be set from Off to 180 minutes.

② **Menu Timeout** : It can be adjusted to display OSD Menu between 5 ~ 60 seconds.

③ **Menu Language** : Change a language to display OSD.

④ **Factory Reset** : Reset all the OSD control settings back to the factory setting status.

⑤ **Version** : It shows the product version.

Using PC MENU

5-1. Auto Adjustment

In case of using it as a PC monitor, it is automatically set.

When the set is connected to a PC, the MODE should be set as PC RGB Mode.

- Press AUTO button on the remote control to automatically set the product's screen status.
- When it is used as PC monitor

  Optimal Resolution : 1024 x 768 @ 60Hz

  Max. Resolution : 1024 x 768 @ 75Hz

- It may not normally display picture in any resolution out of the optimal resolution range.
- Even though it is automatically adjusted, it may not normally display picture depending on signals from a PC and in this case, it is recommended to execute Auto Adjustment for several times.
- Also, it can be set in OSD menu if JOG button is used.

5-2. Setting Picture

In case it is not optimally set even though automatically adjusting it, use Picture menu as below.

- **Brightness** : Adjust screen brightness
- **Contrast** : Adjust screen contrast
- **Phase** : In case it is not optimally set even though automatically adjusting it, use Phase function.
- **H. Size** : Adjust the Size of the PC Monitor.
- **H. Position** : Adjust the position of the PC Monitor.
- **V. Position** : Adjust the position of the PC Monitor.
- **Auto Adjustment** : In case of using it as a PC monitor, it is automatically set.

5-3. Setting Color Temperature

You can set screen color temperature on PC mode.

- Press MENU button on the remote control and move to <Color Temp> menu .
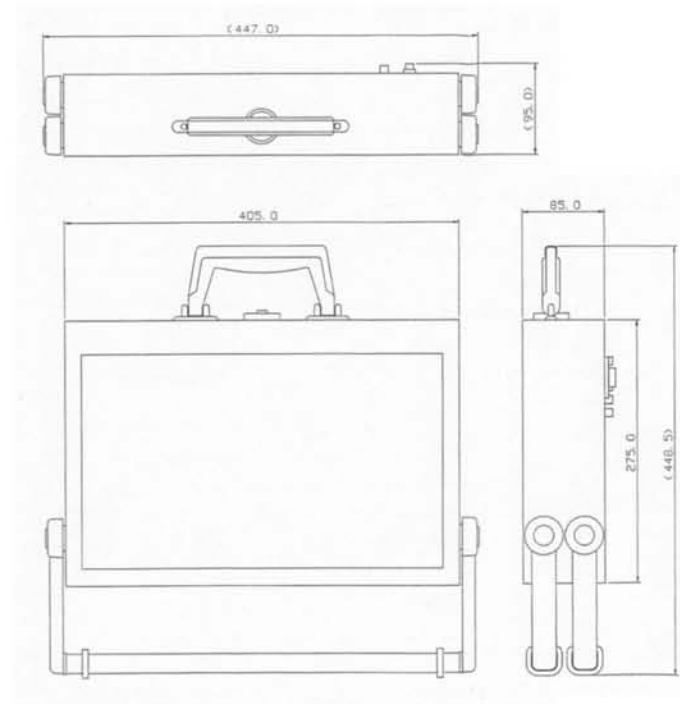- Set the value between 5500, 7300, 9300 or you can set as your preference in USER.

Color Temp	5500
Red	
Green	
Blue	

Specifications

6-1.Dimentions

6-2. Specifications

Dimensions, apparent design and specifications are subject to change without any prior notice for the performance improvement.

MODEL: SKC-1700HDTV		
LCD PANEL	Type	Amorphos Silicon TFT-LCD
	Size	17inch
	Pixel Pitch	0.291mm X 0.291mm
	Contrast Ratio	500 : 1 (Typ)
	Brightness	550cd/m2
	Actual Display Size	372.43mm (H) X 223.29mm (V)
	Viewing Angle	L/R 176' U/D 176'
INPUT SIGNAL		COMPOSITE, S-VIDEO, SD-SDI
		PC, VGA, DTV, TV
OUTPUT SIGNAL		SD-SDI
AUDIO INPUT	STEREO	5W + 5W
TV BROADCASTING SYSTEM		PAL/NTSC AUTO CHANGE
PC MONITOR	Horizontal Frequency	30 - 60khz
	Vertical Frequency	56 - 75khz
	Colors	16.2M Color
	Resolution	XGA, SVGA, VGA
	Max.Resolution	WXGA: 1280 (H) X 768 (V)
POWER	Adaptor Input	AC 100V-240V, 50-60Hz/12V
	Battery	DC12V/3.5A
POWER CONSUMPTION	In-Operation	48W
	Power-Saving. OFF	4W
DIMENTION		405mm (W) X 275mm (H) X 85mm (D)
WEIGHT		5.7kg (Includes Stand)

Service & Others

7-1. Troubleshooting

Before contacting service to service personnel, please check the followings first.

If you still have the same symptoms even after taking the following actions, contact your local dealer or qualified service personnel.

1) TV-related Troubles

Unclear display or noisy sound

- Check whether TV antenna is correctly connected.
- Broadcasting may not be good in an area with bad reception or far away from a station/network.

No image

- Check whether you connect the power cord properly. And press the POWER button.

Black background only

- Check whether the mode is set as PC monitor or Video/S-Video Input, not TV mode.

Strips and shaking display

- It may be interrupted by neighboring radio waves (please check any wireless phone, hair drier, electric drilling machine and etc)
- Execute fine tuning for manual adjustment.

Can't catch a specific channel

- Check whether Channel Setting is normally set.
- Try to rotate an antenna's direction.

Picture plays without sound

- Try to press MUTE button.
- Volume up by using VOL button.

2) PC Monitor-related Troubles

No image on the monitor

- Check whether the D-Sub cable is firmly connected to the TV and a PC.
- Check whether a graphic card is correctly inserted into the slot.
- Check whether the Power of a PC and the TV is on.
- Checcck whether a graphic card or mode is set appropriately on a PC.
- Referring to the Standard Signal Mode for PC Monitor in the previous chapter, change graphic mode.
- Check whether D-Sub cable pins are not inserted or bent.

No Power

- Check whether the power cord is normally inserted and reconnect it.
- Pull out the power cord from wall outlet and reconnect it in 10~20 minutes.

LED Lamp turns off in red and it shows no image

- Check whether the graphic cable is connected to theTV and a PC.
- Check whether a computer is in power-saving mode and attempt to operate keyboard and mouse.

Unstable or unfocused image or trembling

- Check whether the D-Sub cable is connected to the TV and a PC.
- If a PC's display mode is changed, the screen needs readjusting, so you need to use Auto Adjustment or Picture Adjustment.
- Check whether the TV and your graphic card are compatible each other and whether it is set as an appropriate refresh rate. If letters look distorted, change the refresh rate to 60Hz.

Abnormal image scale

- By using vertical/horizontal position in Picture Adjustment Menus, adjust the position.
- Try to execute Auto Adjustment function.

7-2. Concerning Services

We guarantee free of charge After-sales service for a full year if any troubles are found when you are using our product. However, any natural disasters or careless use cause the trouble, it may cost even within a valid warranty period.

Responsibility of Chargeable After Sales Service (Customer's Charge)

In one of the following cases, it may cost even in the valid warranty period.

1) In case of any troubles resulting from inserting of foreign substances (water, beverage, coffee and etc)

2) Dropping or applying force cause a trouble to damage on the product or induce malfunction.

3) Appearance damage or transformation by use of organic solutions such as thinner, benzene and etc.

4) When it gets troubled due to your disassemble.

5) When other parts/consumption accessories (including adaptor) that are not supplied by the company may directly cause any troubles.

6) Supplying wrong voltage may cause a trouble

7) Any personnel not from qualified service personnel repairs or modifies the product, resulting in troubles.

8) Natural disasters (lightning, fire, flood, gas, damage from sea wind, earthquake and etc) directly cause troubles

9) Violation against the directions in the manual cause any troubles

10) Customer's mishandling cause a trouble

11) In case the date of purchase may be vague, the valid warranty period is counted after 2 months since the product is manufactured.