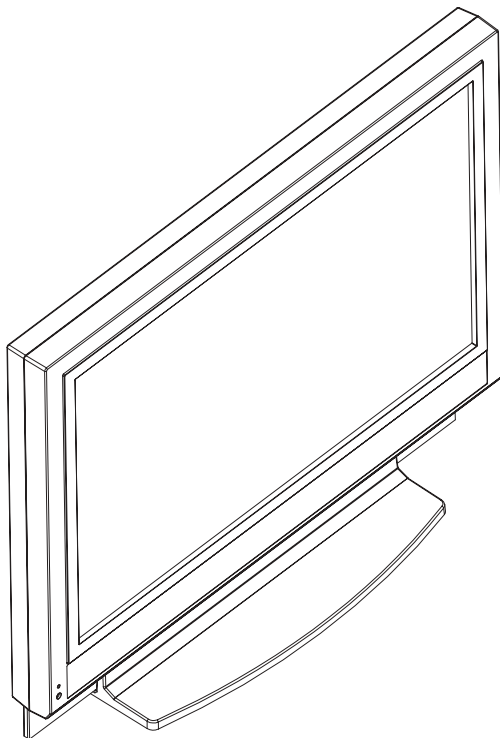# TD30

USER'S GUIDE

InFocus®

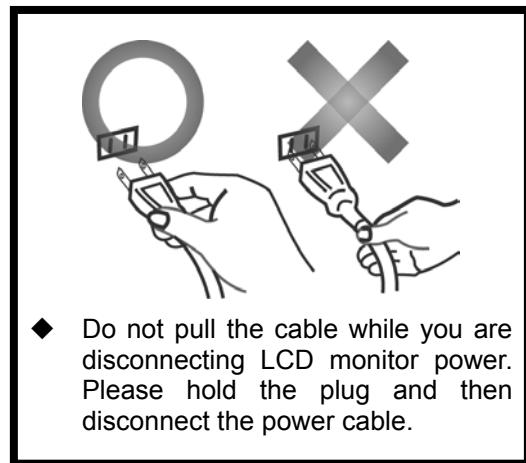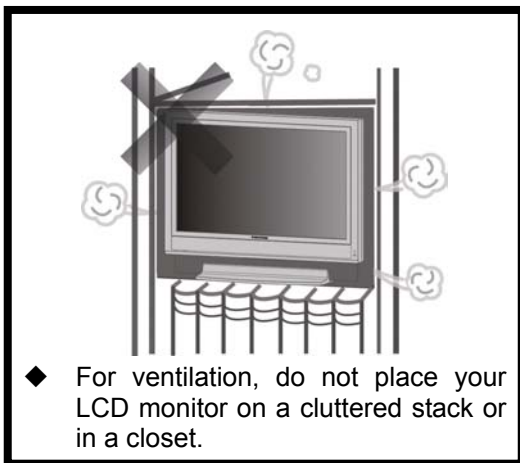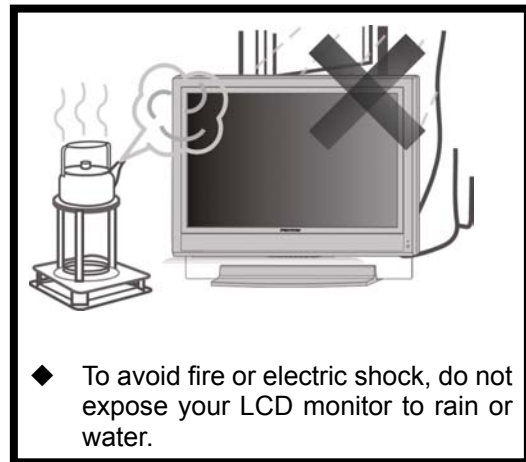# Table of Contents

Notes

1. Due to the high-voltage power within this LCD, do not expose it to rain or water. To avoid electric shock or fire, please do not open the LCD back cover, perform adjustment or clean on it.
2. Please read the manual and notes carefully before operating it.

Maintenance, Storage and Proper Placing

◆ Do not open the LCD case, only an authorized technician can perform services on it.

◆ To avoid fire or electric shock, do not expose your LCD monitor to rain or water.

◆ For ventilation, do not place your LCD monitor on a cluttered stack or in a closet.

◆ Do not pull the cable while you are disconnecting LCD monitor power. Please hold the plug and then disconnect the power cable.

◆ Do not operate your LCD monitor when liquids or solids spill or drop into the monitor, call an authorized technician immediately.

◆ When it's raining with thunder or you will leave for a period of time, unplug power.

◆ Do not place your monitor in a high temperature, moist or dusty place.

◆ Do not plug the monitor into a heavily used outlet.

◆ Clean your monitor with a slightly damp rag. Do not use a chemical cleaning solution.

TV System Integration

TD30 with professional TV tuner can receive 181 channels (2-69 channels for wireless TV, 1-125 channels for cable TV), and has the MTS decoding function to play Stereo or SAP. The parental control prevents views from watching programs that are not age-appropriate, such as programs containing violence or adult language; the closed captions includes CC1, CC2, text1 and text2, show the text under a picture, caption on video are text located somewhere on the picture.

Function Integration System

Introduction of Front Panel Functions

LED indicator: Blue when On, and Orange when Off.

Remote receiver

SRS(O)
SRS

⏻button	You can turn on/off the LCD with this button. The LED indicator is blue when the LCD is on, and is orange when the LCD is off.
SOURCE button	Press this button to change and display TV signals such as RGB/DVI/HDTV YPbPr/Component/S-Video/AV-Video1/AV-Video 2/TV.
MENU button	Press this button to open the OSD, and continuously press this button to select the main function to use. (please see page 9; OSD operation)
PROG▲▼ button	• Press ▲ button to select channel forward and ▼ button to select channel backward • If you use this button with the MENU button, you can select the desired item after opening the OSD.
VOL+/- Button	• Press + button to increase the audio volume and – button to decrease the audio volume. • With the MENU button, you can use this button to adjust functions.
AUTO button	Press this button to perform automatic adjustment.

Introduction of Connection in the back

This high-resolution LCD monitor can be substituted for your domestic TV or small CRT monitor. it can receive signals from UHF/VHF/CATV/HDTV and VCD/DVD.

AC Input	This terminal is for the connection of 110~264VAC power supply.
RS-232C Input	This terminal is especially for the manufacturer and after sales service, not for customers.
DIGITAL Input	This 24-pin DVI-D terminal is for the digital RGB input signal from the computer.
ANALOG Input	This 15-pin mini D-sub terminal is for the analog RGB input signal from the computer.
AUDIO Input	This 3.5 ϕ Mini jack is for the audio input signal from the computer.

Y Pb Pr L Y Pb/Cb Pr/Cr L V1 L1 R1 VIDEO OUT L RF
HDTV R COMPONENT R S-VIDEO V2 L2 R2 R

Component Video cable

Audio cable

Component Video cable

Audio cable

S-Video

Composite Video / Audio cable

Video cable

Audio cable

TV

HDTV SET TOP BOX   DVD/VCD PLAYER   DVD/VCD PLAYER   EXTERNAL AMPLIFIER

HDTV (Y/Pb/Pr) Input	It can receive 480i/480p/720p/1080i AV signal to provide a better image.
COMPONENT (Y,Pb/Cb,Pr/Cr) Input	It can receive general DVD-level 480i/480p AV signal to provide Hi-fi image.
4V1L1R1 AV Input	It is provided for AV equipment such as VCR/VCD/DVD. *Note: If you want to connect to a mono video player, plug the yellow and white connectors to their corresponding jacks.*
S-VIDEO/V2L2R2 AV Input	It is provided for AV equipment such as VCR/VCD/DVD. *When S-Video and AV inputs simultaneously receive signals, the S-Video input will receive signals first.*
VIDEO Output	You can connect it to the video player to record TV programs.
LR Audio Output	You can connect it to AUX or a family amplifier to enhance sound effects.
RF Input	This terminal is for general antennas and CATV.

Tip: TD30 has 4 types of standard video connections. You should use the best connection available to get the best display.

For example, Ypbpr (HDTV) > Ycbcr (Component) > S-video > AV (Composite) > Coaxial (RF)

Miscellaneous Function Adjustments

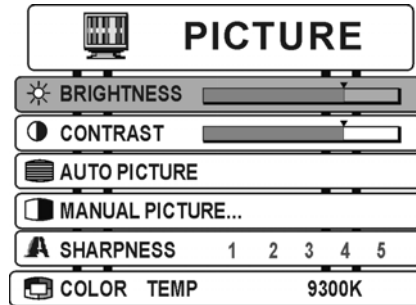The following description is for the main signal source "**Analog RGB**"

Note: The text within the brackets relate to the same buttons on the remote control.

1. PICTURE

```
┌─────────────────────────────┐
│  [▥]    PICTURE             │
├─────────────────────────────┤
│ ☼ BRIGHTNESS  [▓▓▓▓▓▓  ]    │
│ ◐ CONTRAST    [▓▓▓▓▓▓▓ ]    │
│ ▤ AUTO PICTURE              │
│ ▢ MANUAL PICTURE...         │
│ 🄰 SHARPNESS   1  2  3  4  5 │
│ ▢ COLOR  TEMP        9300K   │
└─────────────────────────────┘
```

1-1 Brightness

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Brightness**, then you can easily adjust the desired brightness with the VOL **+/-** buttons**.**

Note :

- *You may need to re-adjust brightness after the TD30 warms up. Too bright of a setting could tire out your eyes easily.*

1-2 Contrast

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Contrast**, then you can easily adjust the desired contrast with the VOL **+/-** buttons**.**

1-3 Auto Picture

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Auto Picture**, then press the VOL **+/-** buttons to perform automatic adjustment**.**

Note :

- *Perform the Auto Picture first after the installation is completed for the first time.*
- *Use the full and bright screen to perform Auto Picture. We recommend that you should perform Auto Picture under a Windows environment, and doing so can adjust the screen to the best display.*
- *The Auto Picture function will disappear when the main signal source is DVI*

1-4 Manual Picture

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Manual Picture**, then the submenu will appear as illustrated below:

1-4-1 V   Position

Press PROG▲▼ buttons to select the **V   Position**, press VOL **+/-** buttons, and then you can manually adjust the screen position in vertical directions.

1-4-2 H   Size

Press PROG▲▼ buttons to select the **H   Size**, press VOL **+/-** buttons, and then you can manually adjust the screen width.

1-4-3 H   Position

Press PROG▲▼ buttons to select the **H   Position**, press VOL **+/-** buttons, and then you can manually adjust the screen position in horizontal directions.

1-4-4 Fine Tune

Press PROG▲▼ buttons to select the **Fine Tune**, press VOL **+/-** buttons, and then you can reduce or eliminate the abnormal displays (e.g., Trembling screen), which may be caused by various display adapters.

Note : The Manual Adjustment function will disappear when the main signal source is DVI.

1-5 Sharpness

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Sharpness**, then you can easily adjust your preferred sharpness with the VOL **+/-** buttons.
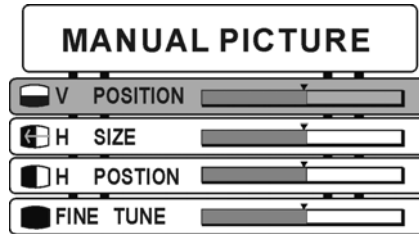
1-6 Color Temp

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Color Temp**, then you can easily adjust your preferred color temperature in **"9300K", "6500K", "5000K"** or **"User"** with the VOL **+/-** buttons.

If you select the User mode, the submenu will appear. You can press PROG▲▼ buttons to select Red, Green or Blue, and easily customize your preferred color temperature with the VOL **+/-** buttons as illustrated below.

```
                    PICTURE
  ☼ BRIGHTNESS   [============    ]
  ◑ CONTRAST     [=========       ]
  ▤ AUTO PICTURE
  ▢ MANUAL PICTURE...
  ▙ SHARPNESS       1   2   3   4   5
  ▣ COLOR  TEMP             User
  ◌ RED          [=======         ]
  ◌ GREEN        [======          ]
  ◌ BLUE         [=======         ]
```

2. VIDEO

Caution: This TV tuner has 6 kinds of input signal sources, including TV, S-Video, AV-Video 1, AV-Video 2, HDTV YpbPr and Component. To set the input signal source, you have to connect it first to display the following screen when setting. The following description is for TV setting:

2-1 Brightness

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **Brightness**, then you can easily adjust the desired brightness with the VOL **+/-** buttons**.**

2-2 Picture

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **Contrast**, then you can easily adjust the desired contrast with the VOL **+/-** buttons**.**

2-3 Color

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **Color**, then you can easily adjust the desired tint with the VOL **+/-** buttons**.**

2-4 TINT

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **Tint**, then you can easily adjust the desired hue with the VOL **+/-** buttons**.**
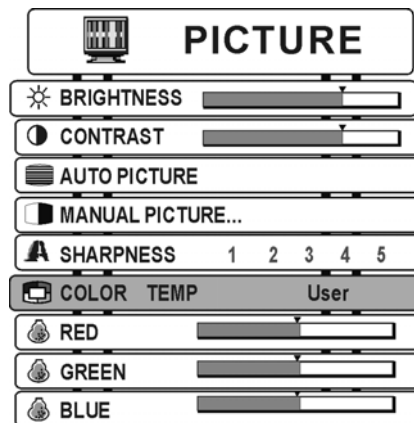
2-5 Sharpness

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **Sharpness**, then you can easily

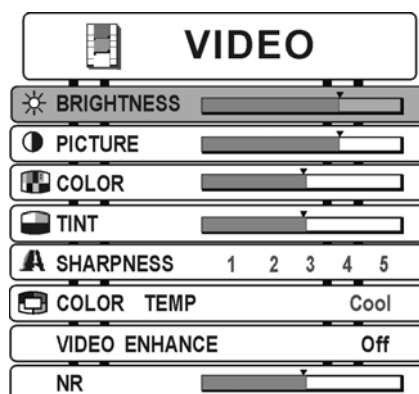adjust your preferred sharpness with the VOL **+/-** buttons**.**

2-6 Color Temp

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **Color Temp**, then you can easily adjust the desired color temperature with the VOL **+/-** buttons**.**

2-7 Video Enhance

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **Video Enhance**, then you can easily set the image to softness (Off) or sharpness (On) with the VOL **+/-** buttons**.**

2-8 NR(Noise Reduction)

Press and hold the MENU button until the **Image** screen appears, and press PROG▲▼ buttons to select **N R**, then you can easily reduce the screen's noise by demand with the VOL **+/-** buttons**.**

3. AUDIO

3-1 Volume

Press and hold the MENU button until the **Audio** screen appears, and press PROG▲▼ buttons to select **Volume**, then you can easily adjust the volume with the VOL **+/-** buttons**.**

3-2 Treble

Press and hold the MENU button until the **Audio** screen appears, and press PROG▲▼ buttons to select **Treble**, then you can easily adjust the treble intensity with the VOL **+/-** buttons**.**

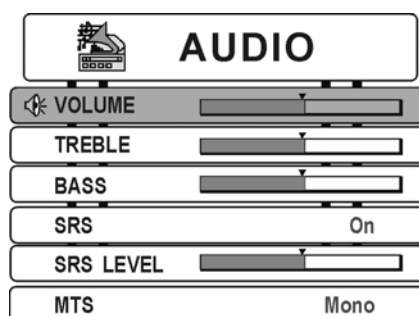### 3-3 Bass

Press and hold the MENU button until the **Audio** screen appears, and press PROG▲▼ buttons to select **Bass**, then you can easily adjust the bass intensity with the VOL **+/-** buttons**.**

3-4 SRS

Press and hold the MENU button until the **Audio** screen appears, and press PROG▲▼ buttons to select **SRS**, then you can easily turn on/off the surround sound effect with the VOL **+/-** buttons**.**

3-5 SRS Level

Press and hold the MENU button until the **Audio** screen appears, and press PROG▲▼ buttons to select **SRS Level**, then you can easily adjust the surround intensity with the VOL **+/-** buttons**.**
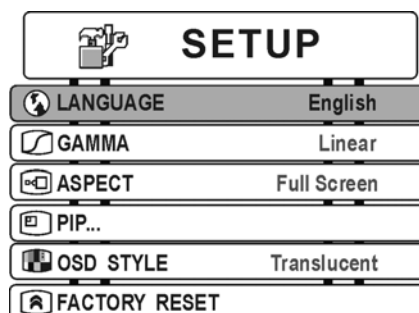
3-6 MTS (TV Mode)

Press and hold the MENU button until the **Audio** screen appears, and press PROG▲▼ buttons to select **MTS**, then you can set the sound to Mono, Stereo or SAP with the VOL **+/-** buttons**.**

4. SETUP

4-1 Language

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Language**, and then press VOL**+/-** buttons for **Chinese** or **English**.

4-2 Gamma

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Gamma**, then press VOL**+/-** buttons to select **Vivid1**, **Vivid2**, **Vivid3** or **Vivid4** mode.

4-3 Aspect

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Aspect**, then press VOL**+/-** buttons to perform **Full Screen**, **Panoramic**, **4:3**, **Zoom, Enlarge** or **4:3 to 16:9**.

4-4 PIP

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **PIP**, then press the VOL**+/-** buttons to enter following window**.**

4-4-1 Size

Press PROG▲▼ buttons to select **Size**, and press the VOL**+/-** buttons to perform **off**, **Small** or **Large**.

4-4-2 POS

Press PROG▲▼ buttons to select **POS**, and press the VOL**+/-** buttons for **Upper Left**, **Upper Center, Upper Right, Middle Left, Middle Right, Lower Left, Lower Center** or **Lower Right**.

4-4-3 Source

Press PROG▲▼ buttons to select **Source**, and press the VOL**+/-** buttons to perform **Component**, **S-Video**, **Composite1**,**Composite2**, or **TV**.

4-4-4 PIP TV Channel

Press PROG▲▼ buttons to select **PIP TV Channel** which will show the current Channel of the PIP Screen.
Note: The function displays only when the Signal Source is set to TV. 。
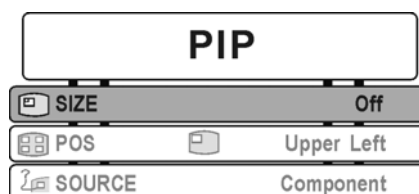
4-5 OSD Style

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **OSD Style**, and then press VOL**+/-** buttons for **Opaque** or **Transparent** OSD window.

4-6 Factory Reset

Press and hold the MENU button until the **OSD** screen appears, and press PROG▲▼ buttons to select **Factory Reset** , and then press VOL**+/-** buttons to bring all settings back to the Factory Defaults.

Other TV Signal Settings:

1. The basic operations of **S-Video**, **AV-Video1**, **AV-Video2** and **Component** (Y/Cb/Cr) are the same as the descriptions above (TV Section 1) except the MTS function in Item 2: Audio Settings and Item 3: TV Settings.
2. The basic operations of HDTV and Component (Y/Pb/Pr) are as descriptions above (TV Section) except the Image Enhancement and Noise Reduction functions of Item 1: Image Settings, the MTS function of Item 2: Audio Settings and Item 3: TV Settings.
3. For HDTV signal, the 2-Tuner PIP Ratio can only adjust to **Small** or **Large**.

Specifications

LCD Panel	Size	29.6-inch (Diagonal, about 762mm)
	Pixels per inch	1280 (W) X 768 (H)
	Pixel Pitch (mm)	0.5025 (W) X 0.5025 (H)
	Max. Display Area (mm)	643.2 (W) X 385.92 (H)
	Display Color	16.7 million colors
	Brightness	450 cd/m^2 (typ)
	Contrast	350:1 (typ)
	Response Time (Tr+Tf)	25ms
	View Angle	Horizontal: 170 deg., Vertical: 170 deg.
	Surface Process	Anti-Glare
Power	Voltage	AC 100-240Vac, 50/60Hz
Input Signal	RGB	RGB 0.7Vpp/ 75 ohm
		H.V. Separate/Composite Sync Signals,
		TTL and Sync on Green compatible
		Vertical Frequency Bandwidth: 30-70KHz;
		Horizontal: 50-85Hz;
		Frequency: 110MHz
		Vertical Frequency Bandwidth: 30-70KHz;
	TMDS	Horizontal: 50-85Hz;
		Frequency: 110MHz
Resolutions:	Main Mode	VESA 1280 x 768 @ 60Hz
Compatibility	PC	Max. to 1280 x 1024 @ 60Hz
	Power Macintosh®	Max. to 1152 x 870 @ 75Hz
Connector	Analogy Signal Input	15 pin Mini D-Sub type
	Digital Signal Input	24 pin DVI-D type
Speaker	Input	1Vrms/ 47K ohm
	Output Power Consumption	5W X 2
	Connector	3.5 ϕ jack
Operating Conditions	Temperature	5℃ - 30℃
	Humidity	10% - 90%
Storage Conditions	Temperature	-20℃ - 50℃
	Humidity	10% - 90%
Dimension	Life Size	595mm (H) x 740mm (W) x 198mm (D)
	Package Size	340mm (H) x 910mm (W) x 720mm (D)
Weight	Net/Gross Weight	20.5 Kg/29 Kg
Power Saving	Turn on (Blue LED)	Max. 170W
	Turn off (Orange LED)	3W

The Remote Control Unit

POWER	You can turn on/off the LCD with this button. The LED indicator is blue when LCD is on, and is orange when LCD is off.
SOURCE	Press this button to change and display TV signals such as S-Video/AV-Video1/ AV-Video 2/TV/RGB/DVI/HDTV YPbPr/Component.
MUTE	Press this button to turn on/off the sound.
MENU	Press this button to open the OSD, and continuously press this button to select the main function to use.
INFO	Press this button to turn on/off channel display. Press once to turn on, twice to turn off.
SLEEP	Press this button to select when you want the TV auto turn off. Press once for 1 min., max. to 120 minutes.
ASPECT	Press this button to change the screen ratio to Full Screen/Panoramic/4:3/Enlarge/4:3 to 16: 9 mode.
RESET	Press this button twice to restore all settings to factory defaults.
SWAP	Press this button to exchange the location of Main/PIP sources.
AUDIO SOURCE	Press this button to select the audio from Main or PIP screen.
PIP	Press this button to open 2-Tuner PIP and adjust various operations of PIP Screen with VOL+/- buttons.
DIGITS (0~9, 100)	Press these digits to select channels directly, the digits display on the screen indicated actual channel number.
RETURN " ↻ "	Exchange between 2 channels. After changing channel, press this button to last channel.

VOL	Press VOL▲ button to increase volume and VOL▼ button decrease volume.
CH	Press CH▲ button to select the channel forward and CH▼ button to select the channel backward.
MTS	Press this button to set the sound to MONO/Stereo/SAP (Note: Input signal should has more than 2 languages.)
FAV	Press this button to switch your favor channel.
CH±	Press this button to add current channel into memory when + shows, or delete it when – shows.
FAV±	Press this button to add your favor into memory when + shows, or delete it when – shows.

Specifications of TV Tuner

Input Signal		
	Composite	1Vp-p/75ohm
	S-Video	Y: 1Vp-p/75ohm; C: 0.3Vp-p/75ohm
	Component (Y/Cb/Cr)	
	HDTV (Y/Pb/Pr)	
	Audio	1Vrms, 47K ohm
Output Signal	Composite	1Vp-p/75ohm
	Audio	
Connector	RF Input	F-type
	Composite Input	RCA type
	S-Video Input	4-pin mini DIN type
	Component (Y/Cb/Cr) Input	RCA type
	HDTV (Y/Pb/Pr) Input	RCA type
	Audio Input	RCA L/R type
	Composite Output	RCA type
	Audio Output	RCA L/R type
Operating Conditions	Temperature	5℃ - 30℃
	Humidity	10% - 90%
Storage Conditions	Temperature	-20℃ - 50℃
	Humidity	10% - 90%

Specifications are subject to change without notice.

The LCD monitor meets the VESA® DPMS™ (Display Power Management Signaling) standard. To the normal operation of power saving function, the display adapter or the PC should also meet VESA DPMS standard. Turn Off means the LCD monitor has the lowest DPMS state and has the highest power saving efficiency.

Accessories: User Manual, Power Cord, 15-pin mini D-sub Signal Cable, 3.5ϕ Audio Cable, Warranty card, Remote Control Unit, Batteries, A/V cable (3 x RCA yellow, red, white shrouded connectors) and Registration Card.