

# CONTENT

F.C.C. statement  
Important safeguards

## ***Chapter 1 Introduction***

- 1.1 Features.....1
- 1.2 Checking List.....1

## ***Chapter 2 Installation***

- 2.1 Install the pedestal .....2
- 2.2 Connect your monitor to computer.....2

## ***Chapter 3 Overview of your monitor***

- 3.1 Front Panel overview. ....3
- 3.2 Rear panel overview. ....3

## ***Chapter 4 Operation***

- 4.1 Power ON/OFF switch.....4
- 4.2 Power indicator.....4
- 4.3 Volume .....4
- 4.4 Menu features.....4
- 4.5 OSD menu.....5
- 4.6 Preset modes timing chart.....7

## ***Chapter 5 Technical information***

- 5.1 Specifications..... 8
- 5.2 Signal Connector Pin Assignment..... 9
- 5.3 Visual Inspection.....10
- 5.4 Troubleshooting.....11
- Warning card.....12
- FCC Declaration of Conformity.....13
- CE EU Declaration of Conformity.....14

## FEDERAL COMMUNICATIONS COMMISSION(F.C.C)STATEMENT

This equipment has been tested and found to comply with the limits of 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:

1. Reorient/Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

### *CAUTION:*

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

# IMPORTANT SAFEGUARDS

## Warnings::

1. Read all of these instructions.
2. Unplug this monitor from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not use this monitor near water. For example near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc...
4. Do not place this monitor on an unstable cart, stand, or table. The monitor may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart or stand recommended by the manufacturer or sold with monitor. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.
5. Slots and openings in the cabinet and the back or bottom are provided for ventilation, and to insure reliable operation of the television receiver and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the monitor on a bed, sofa, rug, or other similar surface. This monitor should never be placed near or over a radiator or heat register. This monitor should not be placed in built-in installation such as a bookcase unless proper ventilation is provided.
6. Do not allow anything to rest on the power cord. Do not locate this monitor where the cord will be abused by persons working on it.
7. Never push objects of any kind into this monitor through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the monitor.
8. Do not attempt to service this monitor yourself since opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
9. Unplug this monitor from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a. When the power cord or plug is damaged or frayed.
  - b. If liquid has been spilled into the monitor.
  - c. If the monitor has been exposed to rain or water.
  - d. If the monitor has been dropped or the cabinet has been damaged.
  - e. When the monitor exhibits a distinct change in performance this indicated a need for service.

### 1.1 Features

- Multi-scanning at horizontal frequencies of 30-60KHz and vertical frequencies of 60Hz to 75Hz.
- Microprocessor based with OSD (On Screen Display) control.
- Compatible with standard IBM VGA ,extended VGA,super VGA, IBM XGA modes, as well as VESA resolution standards.
- Universal power supply.
- Microsoft windows 9x/2000/xp compatible & VESA Display Data Channel (DDC)1/2B compatible.

### 1.2 Checking List

Please make sure the following items are included with your LCD monitor:

- Your monitor
- Pedestal
- AC Power cord
- D-sub Signal cable
- This manual

If any of these items are missing ,please contact with your dealer for technical support and customer service.

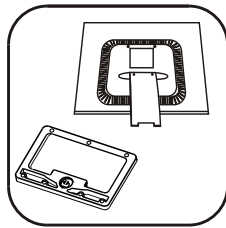
**Note:**

Be sure to save original box and all packing material for transport in future if the monitor need .

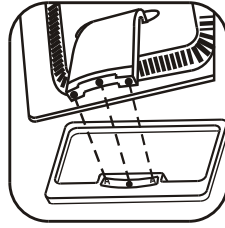
## Installation

### 2.1 Install the pedestal

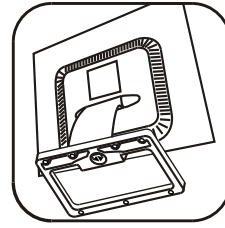
To attach the base to your monitor, please following the steps for installation of the pedestal as below:



step 1



step 2



step 3

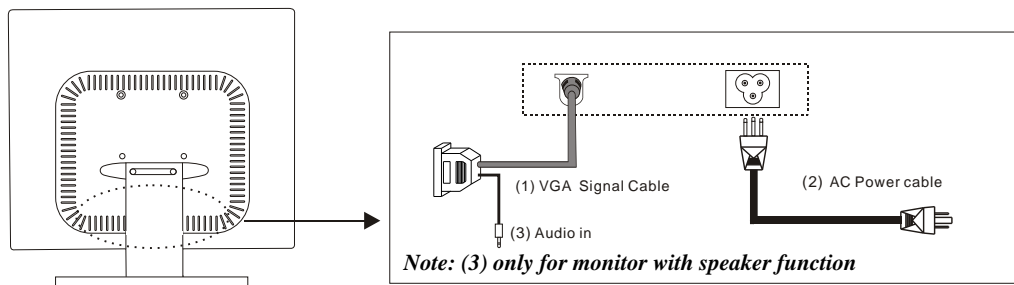
### 2.2 Connect your monitor to computer

2.2.1 Turn off your computer and unplug its power cable.

2.2.2 Connect the power cord to the power jack on the back of your monitor.

2.2.3 Plug the computer and monitor power cables into a nearby outlet.

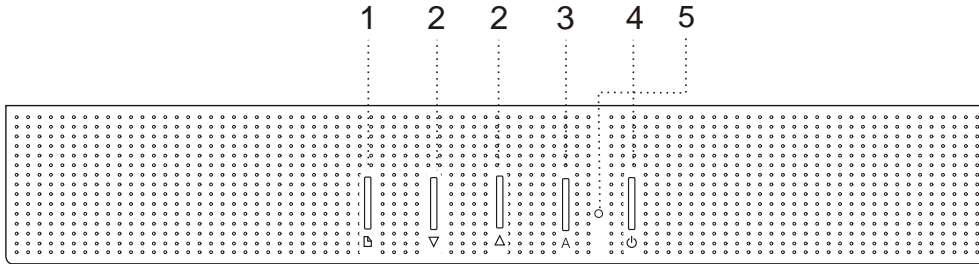
2.2.4 Turn your computer and monitor on, if your monitor display an image, you have successfully installed the monitor. If the monitor does not display an Image, check all the connections.



Connecting the monitor to the computer and the power supply

## Overview of your monitor

### 3.1 Front Panel overview



1.Menu Button

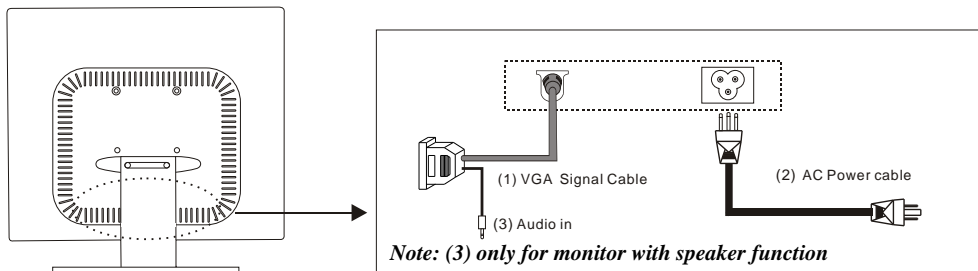
4.Power Button

2.Select Button

5.Power indicator

3.Auto Button

### 3.2 Rear panel overview



1、VGA Signal Cable

3、Audio cable

2、AC Power cable

## **OPERATION Direct - Access Features**

### 4.1 SWITCHING THE MONITOR ON/OFF

This ON/OFF button is used for switching the monitor on and off.

Note: The ON/OFF switch does not disconnect the device from the mains voltage. To completely disconnect the mains voltage.

Please remove the power plug from the socket.

### 4.2 POWER INDICATOR

This indicator lights up green or blue when the monitor operates normally, if the monitor is in power saving mode, this indicator change to orange.

when monitor is turn off, this indicator change the color to dark.

### 4.3 VOLUME

This feature adjust the ▽ button to decrease the volume and △ button to increase the volume.


Important information on audio playback

To achieve optimum sound quality from the monitor speakers, the audio cable should be connected to the Line-Out socket (headphone socket) of the computer. If you connect the audio cable to the Speaker-Out socket (soundcard) of the computer, Please set the volume under Windows to range between 20% - 40% of the maximum value to achieve optimum sound quality.

### 4.4 MENU FEATURES


The following features can all be accessed by using your monitor's on screen menu system. Once are finished. Making adjustments to a feature, selecting the exit icon to turn off the menu.

Please follow the procedure of selection and adjust an item using the OSD system as below steps for main functions adjustment.

Step 1: Press the  button to activate the OSD menu.

The main menu appears on the screen with icons for the setting functions.

Step 2: If necessary, use the ▽ or △ button to mark an other icon.

Step 3: Press the  button to activate the highlighted icon.

Step 4: Use the ▽ or △ button to make the desired setting.

Step 5: Select the EXIT symbol to exit the OSD menu.

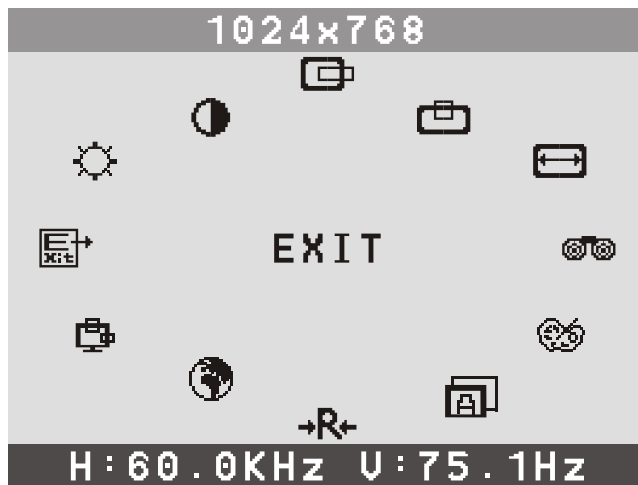
Step 6: Repeat step 2 through 5 to make further adjustments.








All changes are stored immediately

#### 4.5 OSD menu

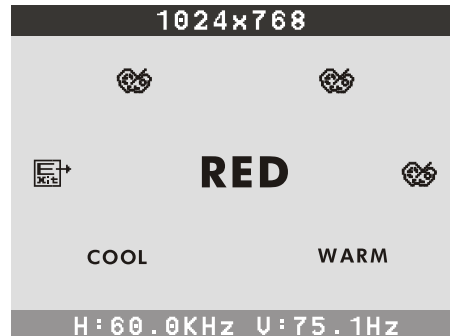
##### 1. Main menu

OSD main menu of controls gives you an overview of the selection of controls available. When you want to make adjustment of the screen Image , press and release button Menu



2. Brightness   
Adjust the overall image and background screen brightness.
3. Contrast   
Adjust the image brightness in relation to the background.
4. H. Position   
To move the picture image horizontally left or right.
5. V. Position   
To move the picture image vertically up or down.
6. H. Size   
To increase or decrease the horizontal size of image.
7. Phase   
To improve focus clarity an image stability.
8. Color Select   
Color Select Menu





### Select user mode

User color you can adjust to individual color gum intensity by yourself. Increase or decrease red. green or blue depending upon Which color is selected .

#### Cool

This control adjusts the color temperature of the screen image this item are preset by factory , you can not adjust these setting. The performance is bluer and brighter.

#### Warm

The performance is redder and closer to paper white.

### 9. Auto

Auto adjust display mode to its utmost performance according to VGA setting. In the event of the display image needs further adjustment .

### 10. Reset

Reset the currently highlighted control to the factory setting . User must be using factory preset video mode to use this function.

### 11. Language

You can choose one of the preseted languages you need.

### 12. OSD

You can choose where you would like OSD image to appear on your screen.

#### H-Position :

To move the OSD image horizontally left or right.

#### V-Position :

To move the OSD image vertically up or down.

#### Exit :

To exit the sub menu

#### 4.6 Preset Modes Timing Chart

Mode	Resolution	Horizontal	Vertical
1	720 x 400	31.47 kHz	70 Hz
2	640 x 480	31.47 kHz	60 Hz
3	640 x 480	37.86 kHz	72.8 Hz
4	640 x 480	37.5 kHz	75 Hz
5	800 x 600	37.88 kHz	60.3 Hz
6	800 x 600	48.08 kHz	72.2 Hz
7	800 x 600	46.87 kHz	75 Hz
8	1024 x 768	48.36 kHz	60 Hz
9	1024 x 768	56.48 kHz	70.1 Hz
10	1024 x 768	60.02 kHz	75 Hz

# Technical Information

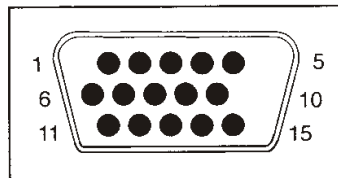
## 5.1 Products Specifications

Inch Size	15"
Max. Resolution	1024*768@75Hz
Recommend Resolution	1024*768@60 Hz
Horizontal Freq.	30-60 KHz
Vertical Freq.	60-75 Hz
Active Display Area	304*228 mm
Bandwidth	80 MHz
User Control	4 Key Sw
OSD Functions	Brightness, contrast, H-position,V-position, H-Size, phase, Color, auto, Reset, language, OSD, Exit,
Adapter power input	AC 100V to 240 V
Power Consumption (under)	36 W
Connector Signal	D-Sub 15Pin
Dimension (Packing)	408 (W) x 400(H) x 140 (D) mm
Weight Gross/Net	4.8 Kg/3.3 Kg
Multimedia Feature	2.0W + 2.0W Ě

**NOTE:** All technical specifications are subject to change without notice.

## 5.2 Signal connector pin assignment

PIN	Signal(D-sub)	PIN	Signal(D-sub)
1	Red	9	5 VDC
2	Green	10	Ground
3	Blue	11	Ground
4	Ground	12	SDA (FOR DDC)
5	Self Test	13	H. Sync
6	Red Ground	14	V. Sync
7	Green Ground	15	SCL (FOR DDC)
8	Blue Ground		



Signal connector

### 5.3 Visual Inspection

*Even the normal pixels on the LCD screen reach 99.99% or higher, there may be 0.01% or less pixels showing dark or light while displaying.*

## 5.4 Troubleshooting

Before calling for service, check the information in this section to see if you can remedy any problems by yourself. If you need assistance, please call the dealer where you purchased the LCD monitor.

There is no SCREEN image

- ◆ The power cord is securely connected to the monitor, the adaptor, and the wall outlet.
- ◆ Check the signal cable connection between the monitor and the computer.
- ◆ Adjust the brightness and contrast controls.
- ◆ Monitor in power saving mode.

Display image is too large or too small

- ◆ Use the OSD controls to adjust Auto Setup.

The colors are distorted

- ◆ Signal cable properly connected.
- ◆ Use OSD controls to adjust the color control setting.

The image is too light or too dark

- ◆ Use OSD controls to adjust the brightness and contrast.

There is no sound or sound is low

- ◆ Check the sound cable connection
- ◆ Make sure the computer sound program is working
- ◆ Adjust the volume on sound setting. Adjust your sound card or computer volume setting.
- ◆ Adjust the volume control keys on the monitor

## WARNING



### **Use attached power adapter only!**

Please use attached power adapter and accessory with your LCD monitor, others will cause damage to the LCD monitor.

# Declaration of Conformity

## According to Parts 15 of FCC Rules

Declare under our sole responsibility that the product

Identification of product:

LCD Monitor

GD-1503BP, GD-1703BP, GD-1703DP, GD-1903DP

Complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Manufacturer/Importer information:

GBT Inc.

(Company name)

17358 Railroad St. City of Industry,

(Address)

CA 91748

(Telephone No)

(626) 8549238

and was made by

HUANG, CHARLES

(Surname, forename)

V. P. of Sales

(Position in manufacturer's company)

Industry, CA

(City)

04/27/04

(Date)



(Legally valid signature)

ENGLISH



# CE EU Declaration of Conformity CE

## According to the Electromagnetic Compatibility (89/336/EEC), Low Voltage Directive 73/23/EEC and the Amendment Directive 93/68/EEC

For the following equipment:

Product: 15", 17", 19" LCD Monitor

Type Designation/Trademark:

GD-1503BP, GD-1703BP, GD-1703DP, GD-1903DP

Is herewith confirmed to comply with the requirements set out in the Council Directive of the Low of the Member states relating to Electromagnetic Compatibility(89/336/EEC), Low voltage Directive 73/23/EEC for electrical equipment used within certain voltage limits and the Amendment Directive 93/68/EEC. For the evaluation of the compliance with this Directives, the following standards was applied:

EN 60950:1992+A1+A2+A3+A4+ALL

EK1-ITB 2000:ISO 9241-3: 1997, ISO 9241-7:1998, ISO 9241-8:1997, 13406-2 for LCD monitor

EN55022: 1998, class B, EN61000-3-2:2000, EN61000-3-3:2001+A1:2001, IEC61000-4-2:2001,

IEC61000-4-3:2002, IEC61000-4-3:2002, IEC61000-4-4:1995+A1:2000+A2:2001, IEC61000-4-5:2001,

IEC61000-4-6:2001, IEC61000-4-8:1998, IEC61000-4-11:1994, EN55024:1998

Responsible for making this declaration is the:

Authorized representative established within the EU

Company Name: SBT TECH CO LTD

Company Address: UNIT 13 AVANT BUS CT, 3 THIRD AVE, DENBIGH WEST, BLETCHLEY, MILTON KEYNES, MK4 1DR

Person responsible for making this declaration

Name, Surname: Vincent CHAN

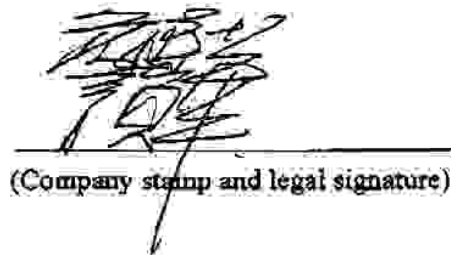
Position/Title: Managing Director

MILTON KEYNES

(Place)

21 Apr 04

(Date)

  
(Company stamp and legal signature)

## ZU BEACHTENDE SICHERHEITSVORKEHRUNGEN

1. Sämtliche Anleitungen durchlesen.
2. Vor dem Reinigen des Monitor muß dieser vom Stromnetz abgetrennt werden. Zum Reinigen keine Flüssig- oder Aerosolreiniger verwenden. Zum Sauberwischen des Gerätes verwenden Sie einen leicht befeuchteten Lappen.
3. Der Monitor darf nicht in der Nähe von Wasser, beispielsweise in der Nähe einer Badewanne, eines Spülbeckens oder eines Waschbeckens, in einem feuchten Untergeschoß oder in der Nähe eines Schwimmbades usw., betrieben werden.
4. Den Monitor nicht auf einen unstabilen oder wackeligen Wagen, Gestell oder Tisch stellen. Ein Hinunterfallen des Monitors kann Verletzungen oder schwere Schäden des Geräts verursachen. Nur ein Wagen oder ein Gestell für den Monitor verwenden, das vom Hersteller zugelassen oder zusammen mit dem Monitor verkauft worden ist. Falls der Monitor auf ein Wandgestell oder auf ein Regal installiert wird, müssen die vom Hersteller zugelassenen Zubehörteile für die Montage gebraucht und die einschlägige Anleitung befolgt werden.
5. Die Schlitze und Öffnungen auf der Rück- und Unterseite des Gehäuses dienen zur Ventilation. Um einen zuverlässigen Betrieb des Monitors zu gewährleisten und um eine Überhitzung dieses Geräts zu vermeiden dürfen diese Öffnungen nicht abgedeckt und müssen stets freigehalten werden. Den Monitor nicht auf ein Bett, Sofa, Teppich oder auf andere ähnliche weiche Oberflächen hinstellen. Den Monitor nicht in der Nähe oder auf einen Heizkörper oder eine Heizung stellen. Der Monitor darf ebenfalls nicht auf ein Bücherregal gestellt werden, wenn keine angemessene Luftzirkulation um das Gerät sichergestellt werden kann.
6. Keine Gegenstände auf das Netzkabel stellen oder legen. Stellen Sie den Monitor nicht so hin, daß andere Personen über dieses Netzkabel treten oder stolpern können.
7. Niemals Gegenstände irgendeiner Art durch die Schlitze und Öffnungen ins Innere des Monitors einschieben, da diese mit sich darin befindlichen und unter Hochspannung stehenden Bauteilen in Berührung kommen können und dies zu einem Kurzschluß führen kann, was einen Brand oder elektrische Schläge verursachen kann. Niemals Flüssigkeiten über oder in den Monitor verschütten.
8. Versuchen Sie nicht, den Monitor selbst zu reparieren oder zu warten, da Sie sich durch ein Öffnen oder Entfernen des Gehäuses gefährlichen Spannungen und anderen Risiken aussetzen. Überlassen Sie grundsätzlich sämtliche Wartungs- und Reparaturarbeiten geschultem Fachpersonal.
9. Der Monitor muß unter den folgenden Bedingungen umgehend vom Stromnetz abgetrennt und durch einen qualifizierten Techniker überprüft werden:
  - a. Bei einer Beschädigung oder einem Ausfransen des Netzkabels oder des Netzsteckers.
  - b. Falls Flüssigkeiten über oder in den Monitor verschüttet wurden.
  - c. Falls der Monitor Regen oder Feuchtigkeit ausgesetzt wurde.
  - d. Falls der Monitor heruntergefallen ist oder das Gehäuse beschädigt wurde.
  - e. Bei einer deutlichen Abnormalität des Betriebs, was eine Überprüfung notwendig macht.