17" TFT LCD TV & PC Monitor

Instruction Manual

ETL Inc.
#584 Sangwhal-ri, Kanam-myon,
Yoju-kun, Kyounggi-do,
469-885, Korea

T3 DIGITAL CO., LTD.
LCD TV MONITOR
Model : LN170X

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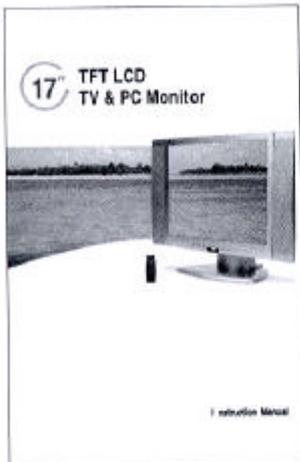

Safety Precautions

Improper use can result in electric shock and / or fire. In order to prevent any dangers, please read following instructions carefully prior to the installation, operation and cleaning of the product.

■ All instructions of this manual must be read and understood before the product is operated.

■ These safety and operating instructions should be kept in safe place for future reference.

■ All warnings on the product and in the instructions should be kept in your mind.

■ Do not use other cables and / or cords not recommended by the manufacturer. Otherwise it can cause accidents.

■ This product should be connected to the power source specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company. For units designed to be operated with batteries or other power sources, refer to the operating instructions.

■ The power cord must be routed at a safe place so that the people can not step on it and objects should not be placed on it.

■ If you plan to use a 12V DC power supply unit other than the AC adapter supplied with the product, make sure the power supply unit provides stable voltage with minimum fluctuations.

■ Be careful that AC outlets and / or extension cords are not overloaded with power.

■ Be careful not to insert objects into the product through vents or openings. Any objects put inside the product can cause abnormally higher voltage of electricity to flow in the circuit by touching internal parts and can cause danger of electric shock. Be careful not to spill water or liquid on the product.

■ Do not attempt to repair the product by yourself. Always consult qualified service technicians. Removing covers can expose you to high voltage and other dangerous conditions.

■ If any of the following conditions occurs, unplug the power cord from the AC outlet, and request a qualified service technician to repair / inspect it.
  a. When the power cord or plug has been damaged.
  b. When liquid has been spilt on the product.

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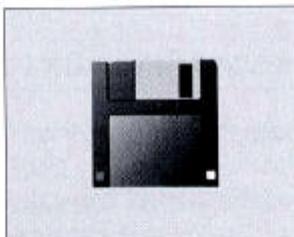**LCD TV MONITOR**
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c. When the product has been exposed to rain or water.

d. When the product does not operate properly as described in the operating instructions
   - Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage.

e. When the product has been dropped or damaged.

f. When the product displays with abnormal conditions.Whenever you find any abnormality.
   - Whenever you find any abnormalities with the product, you need to consult a qualified service technician.

- In the case that the product needs some components to be replaced, make sure that the service technician handles it with the recommended components by the manufacturer, or those with the same characteristics and performance as the original components. Using improper components can result in fire, electric shock and / or other dangers.

- Upon completion of service or repair, request the service technician to check the safety and to ensure that the product is in good condition for proper operation.

- When mounting the product on the wall or ceiling, be sure to install it by method recommended by the manufacturer.

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Accessories

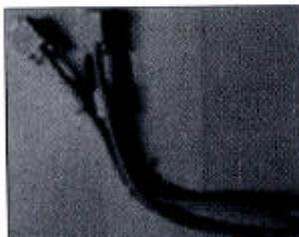Find following accessories are included in the box.

17" TFT LCD
TV & PC Monitor

- Owner's Manual (×1)
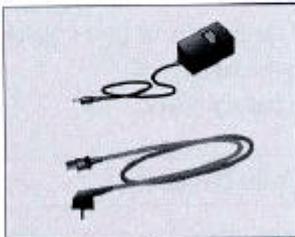
- Monitor Driver diskette (×1)

- Remote control (×1) / AAA Batteries(×2)

- Signal Cable (×1)

- AC Adapter / Power Cord

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Remote Control

Use the Remote Control by pointing it toward the remote sensor in the front-bottom of the product. Any objects between the Remote Control and the sensor can disturb operation.

Cautions in using Remote Control

- Do not expose the Remote Control to any electric shocks and to liquids.
- Do not install the batteries and place the Remote Control in direct sunlight. The heat from the sunlight may cause deformity of the unit.
- The Remote Control may not work properly when the remote sensor is under direct sunlight or other strong lights. In such case, turn the product a little to avoid getting direct sunlight or operate the Remote Control at a distance closer to the sensor.

Batteries

- If the Remote Control does not work properly, replace the batteries.

  1. Open the battery cover.
  2. Put the batteries insede the battery cell (Two AAA batteries are included)
     - Ensure the polarity of the batteries is correctly connected to the signs(+ and-) in the battery cell.
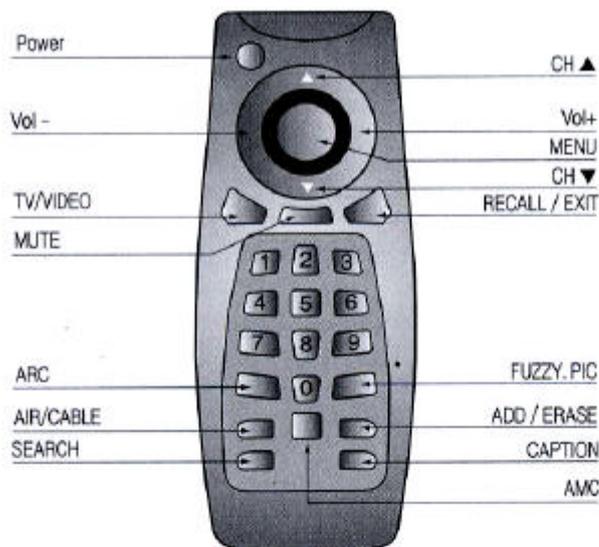 3. Close the battery cover.

Cautions with batteries

- Improper use of batteries can result in a leakage of chemicals and / or explosion.
  Be sure to follow the instructions as below.
  - Put the batteries correctly connected to the polarity signs (+and-) in the battery cell.
  - According to each type, the batteries have different characteristics. Do not use different types of batteries together.
  - Do not use half-exhausted and brand new batteries togehter. It may shorten the battery life and / or may cause the old battery to leak chemicals.
  - Remove the batteries as soon as they are exhausted. Leakage of chemicals from batteries can cause a rash. If you find chemical leakage, wipe it with a dry cloth.

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- According to bad storage conditions, life of batteries supplied by the manufacturer can be shorten abnormally.
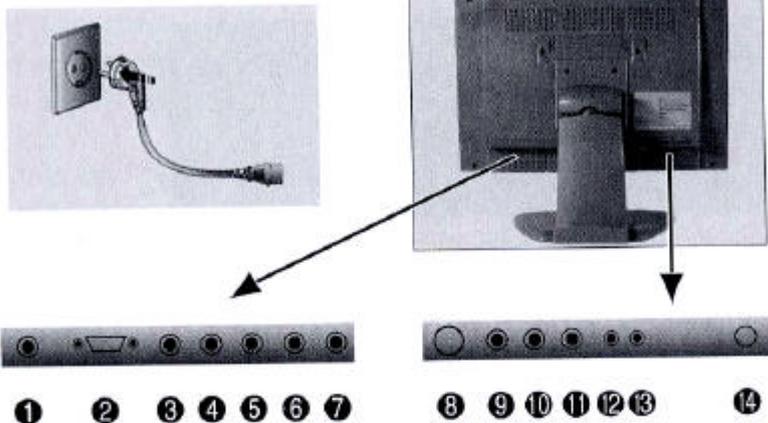- When the Remote Control is not used for long period of time, remove the batteries from the battery cell.

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Remote Control

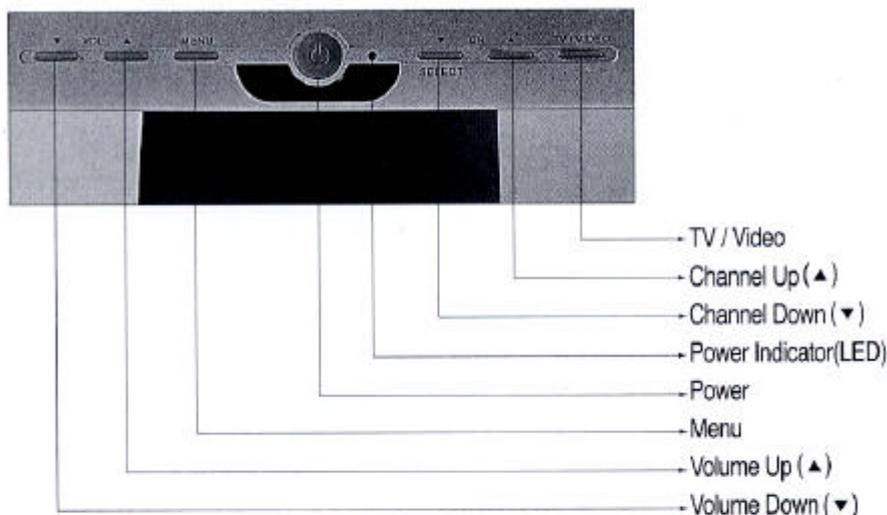|	
Power	: Power On / Off
CH ▲	: To change the channel number to a greater digit.
CH ▼	: To change the channel number to a smaller digit.
Vol +,−	: To control sound volume increase or decrease.
Menu	: To make the items of OSD appear on the screen.
TV/Video	: To choose a mode among TV, Video (S-Video), DVD, PC.
Recall/Exit	: To see the previous channel. To exit from OSD.
Mute	: For no volume.
Digit buttons (1~9)	: To change channel number by pressing each digit button one time.
Digit button(0)	: To get to a channel number higher than 10, but smaller than 100.
ARC	: Aspect Ratio (16:9 or 4:3)
Fuzzy. Pic	: Hot key. To call OSD Meun, "FUZZY SET"
Air / Cable	: Hot key. To select TV programs by Air or by Cable.
AMC	: Hot key. To select screen size among Normal(4:3), Wide(16:9) and Zoom.
Add / Erase	: Hot key. To add or erase the present channel number.
Search	: Hot key. For Auto Channel Research.
CAPTION	: Hot key. To select Caption mode, CCD1, CCD2, TEXT1, TEXT2. (Optional function for the USA)

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Cable Connection

- Connect to the outlet of 110V or 220V capacity

❶ DC 12V : Connection to adaptor (12V DC, 100V or 220 V AC)

❷ D-SUB : Connection to PC through Signal Cable.

- The sign of "No signal" will appear, if it is improperly connected.
- When using Macintosh branded PC, use the exclusive adaptor. (Except for G3 or higher)

❸~❼ DVD INPUT

❽ S-VIDEO : Connection to DVD through S-VHS Cable.

❾ VIDEO : Connection to DVD or VCR.

❿~⓫ AUDIO IN (L, R) : Connection to DVD, VCR or Camcorder.

⓬ HEADPHONE OUT : Connection to Headphone

⓭ PC AUDIO IN : Connection to Sound Card of PC

⓮ ANTENNA : Connection to TV or CATV Antenna cable

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User's Control

Control keys of the main

- TV / Video
- Channel Up (▲)
- Channel Down (▼)
- Power Indicator(LED)
- Power
- Menu
- Volume Up (▲)
- Volume Down (▼)

Note : In the monitor mode, all the controls should be through Menu key.

TV/Video	: To choose a mode among TV, Video(S-Video), DVD, PC.
Channel Up (▲)	: To increase the channel number toward.
Channel Down (▼)	: To decrease the channel number toward.
Power Indicator (LED)	: Power Indicator shows if your TV is powered on or off by fluorescing with green colour or not.
Power	: Power On / Off
Menu	: To make the items of OSD appear on the screen.
Volume Up (▲)	: To increase sound volume
Volume Down (▼)	: To decrease sound volume

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▶ Basic Operation TV/ VIDEO (S-VIDEO) / DVD / PC MONITOR

Power On / Off / Standby

■ By Control keys
1. When you put the plugs of the Power Cord to the power outlet, the main unit is in Stnadby mode and the Power Indicator will flouresce with green colour.
2. Press the Power key to turn on main unit and the Power Indicator will stop its fluorescing.
3. If you press the Power Key once again, main unit will be back to Standby mode, and the Power Indicator will flouresce again with green colour.
4. Whenever you press any key of Remote Control, the Power Indicator will flicker once with green colour.
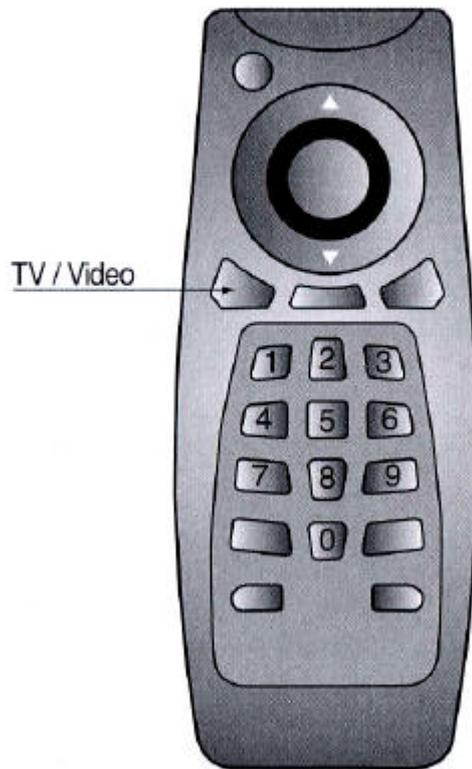
■ By Remote Control
1. While the Power Cord being connected to the power outlet (Main unit is in Standby mode), press the Power button of Remote Control to make mian unit turned on and LED lens will stop fluorescing.
2. If you press power button once again, the LED lens will restart fluorescing with green colour and it will be back to Standby mode.

How to choose TV / Video(S-Video) / DVD / Monitor mode

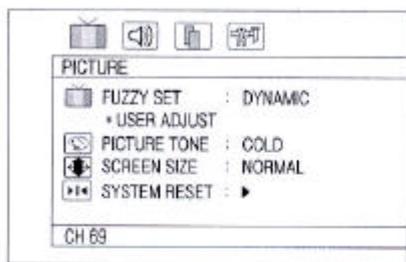■ By using "TV / Video" key, you can choose a mode among TV, Video(S-Video),DVD or PC Monitor mode.
1. Your product has been set to the TV mode at the factory. So when you power on at first, it will display the TV programs.
2. When you press TV / Video key once, the current TV mode changes to PC mode.
   At the 2nd press of TV / Video key, it will change to Video mode.
   At the 3rd press of TV / Video key, it will change to S-Video mode.
   At the 4th press of TV / Video key, it will change to DVD mode.
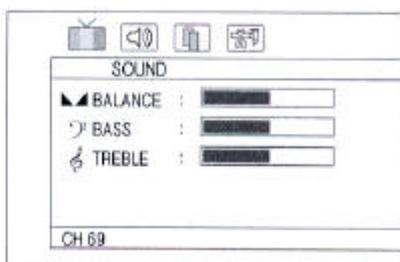   At the 5th press of TV / Video key, it will be back to TV mode.

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TV / Video

TV / Video

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On Screen Display (OSD)

A. At TV mode

1. OSD FORMAT

There are 4 OSD FORMATS at TV Mode, as above illustrations show.
* When you press "MENU" button, the first format, "PICTURE" will appear on the screen. So as to see other formats("SOUND", "CH TUNING", and "UTILITY"), move cursor to right hand side by using "Vol+" key.

* When you move cursor to Right hand side or Left hand side, use "VOL" key.
  When you move cursor Up or Down, use "CH" key.
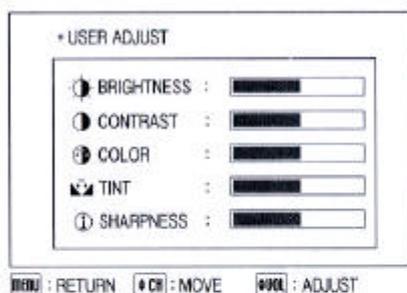 So as to finish adjustment, press "EXIT" key of Remote Control or press "MENU" key.

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2. PICTURE

1) FUZZY SET

- Move cursor to "FUZZY SET" by using "CH(▼)" button.
- Select most favourable state of picture among "Standard", "Soft", "Dynamic" and "User" by using "Vol+" or "Vol-" button.

∗ USER ADJUST

- When you want to adjust the state of picture by yourself, move cursor to USER ADJUST by using "Vol+" or "Vol-" button and following Box will appear on the screen.

```
∗ USER ADJUST

◑ BRIGHTNESS :  ▬▬▬▬▬
◐ CONTRAST   :  ▬▬▬▬▬
◕ COLOR      :  ▬▬▬▬
◣ TINT       :  ▬▬▬▬
ⓘ SHARPNESS  :  ▬▬▬▬▬

MENU : RETURN   ◆CH : MOVE   ◀VOL▶ : ADJUST
```

- Move cursor to one of 5 data (BRIGHTNESS, CONTRAST, COLOR, TINT and SHARPNESS) by using "CH(▼)" or "CH(▲)" button.
- Following box will appear on the screen.

```
◑ BRIGHTNESS              6
◁ ▬▬▬▬▬▮▬▬▬▬ ▷

◀VOL▶ : ADJUST
```
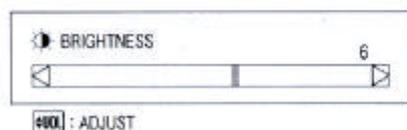
- By using "Vol Up +" or "Vol - " button, adjust the data for more favourable picture state.

> ∗ NOTE : After adjusting data, if you leave it for 2 seconds or if you press any button, new data will be memorized and set.
> You can use hot key of Remote Control, too.

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2) PICTURE TONE

- There are 3 choices for atmosphere of the picture like Standard, Cold and Warm.
- At factory, the unit has been set for standard atmosphere.
- And so when you move cursor to PICTURE TONE, it will show the atmosphere of the picture as STANDARD.
- If you press "Vol+" button, it will change to COLD.

  Wait for 2 seconds at least until the unit memorize new setting and then press "Vol+" button so as to change it to WARM.

3) SCREEN SIZE

- There are 3 choices for screen size like Normal(4:3), Wide(16:9) and Zoom(Letter Box).
- At factory, the screen has been set for Normal size.
- If you press "Vol+" or "Vol-" button, it will change to Wide and then to Zoom.
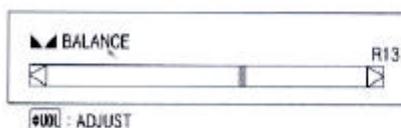
4) SYSTEM RESET

-When you want to return to factory setting, move cursor to "SYSTEM RESET" and press "Vol+" or "Vol-" button.

3. SOUND

1) BALANCE

- Move cursor to "BALANCE" by using "CH(▼)" button.
- Press "Vol+" or "Vol-" button and Control Bar will appear on the screen as below.

- By using "Vol+" or "Vol-" button, adjust the sound BALANCE.

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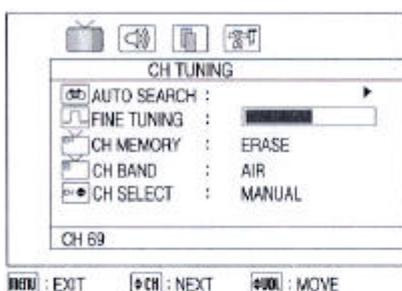15 of 32

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2) BASS

- Same process as how to adjust BALANCE.

3) TREBLE

- Same process as how to adjust BALANCE.

4. CH TUNING

- Move cursor to "CH TUNING" by using "Vol+" or "Vol-" button.

```
   [📺] [◁೫] [🖿] [☎]
        CH TUNING
  [⬇⬇] AUTO SEARCH :              ▶
  [⌐] FINE TUNING  :  [▮▮▮▮▮▮▮▮▮]
  [⌐] CH MEMORY    :  ERASE
  [⌐] CH BAND      :  AIR
  [�»●] CH SELECT   :  MANUAL

  CH 69

 [MENU] : EXIT   [●CH] : NEXT   [●VOL] : MOVE
```
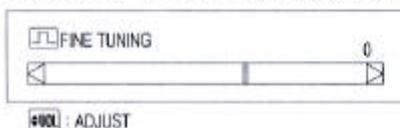
1) AUTO SEARCH

- Move cursor to "AUTO SEARCH" by using "CH(▼)" button.
- Press "Vol+" or "Vol-" button, and all the channels will be searched and set automatically.

∗ When you use hot key of Remote Control, press "SEARCH" button, and all the channels will be searched and set automatically.

---

2) FINE TUNING

- Move cursor to "FINE TUNING" by using "CH(▼)" button.
- Press "Vol+" or "Vol-" button, and Control Bar will appear on the screen as below.

```
  [⌐] FINE TUNING              0
  [◁] [▮▮▮▮▮▮|▮▮▮▮▮] [▷]

  [●VOL] : ADJUST
```

- By using "Vol+" or "Vol-" button, adjust the picture.

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