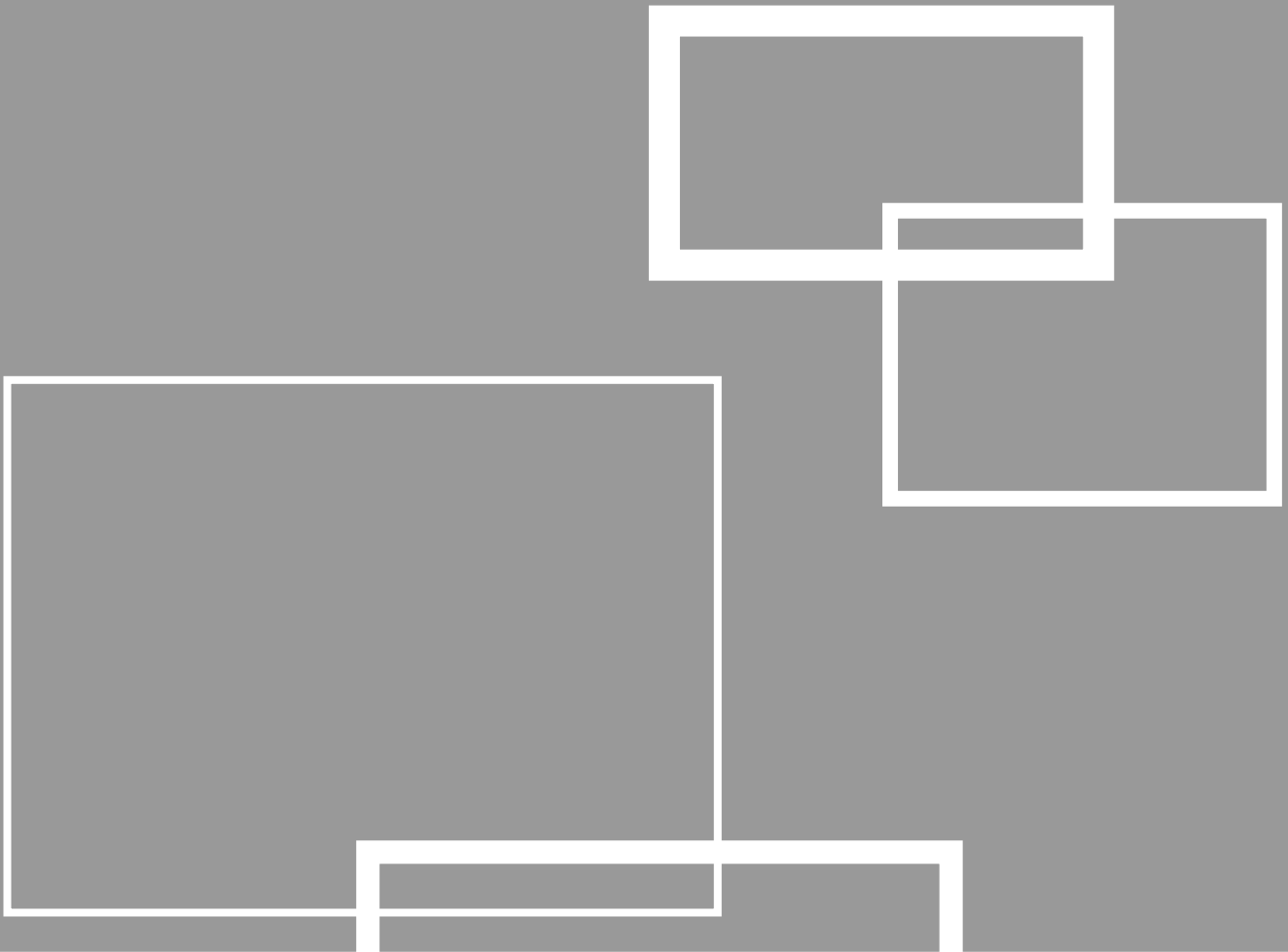


*PLANAR*<sup>®</sup>



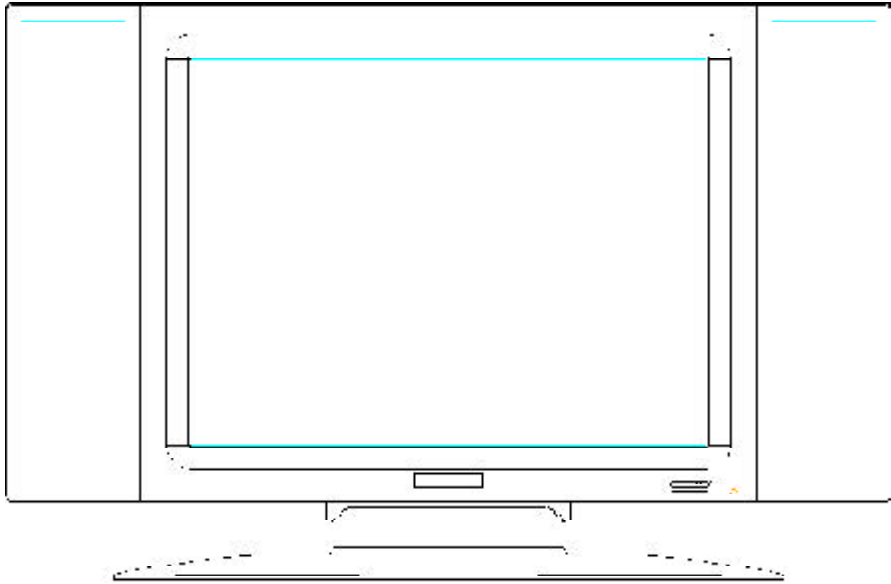
# PLANAR 20" LCD TV MANUAL

[www.planar.com](http://www.planar.com)



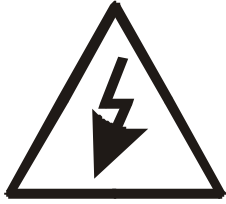
# LCDTV

English



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# 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**



## STOP



**AVOID WATER**



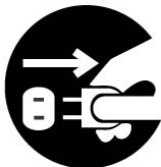
**DO NOT OPEN**



**DO NOT PLUG  
IN WHEN WET**

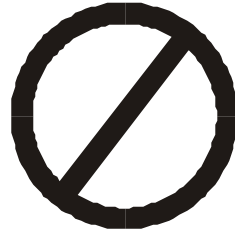
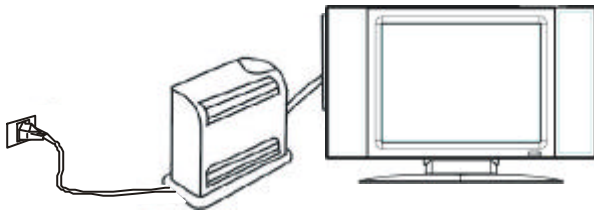



## MUST BE

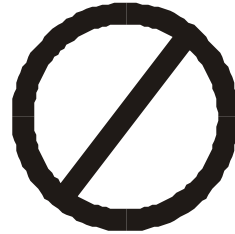



## UNPLUG QUICKLY

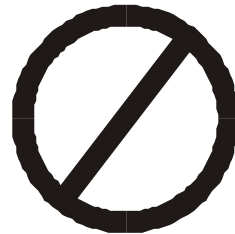
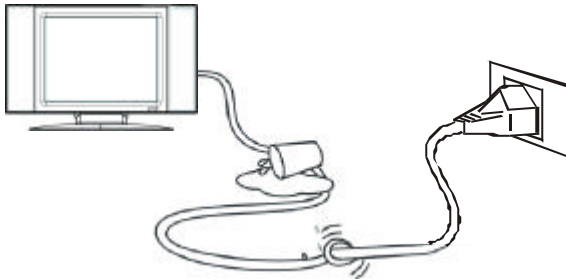
# SAFETY




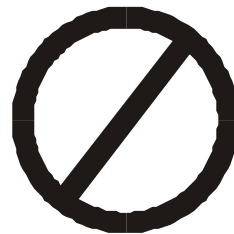
 Do not place heavy objects on top of the LCD TV power cord.



 Do not obstruct the heat vents on the LCD TV and make sure to warn children to do the same.

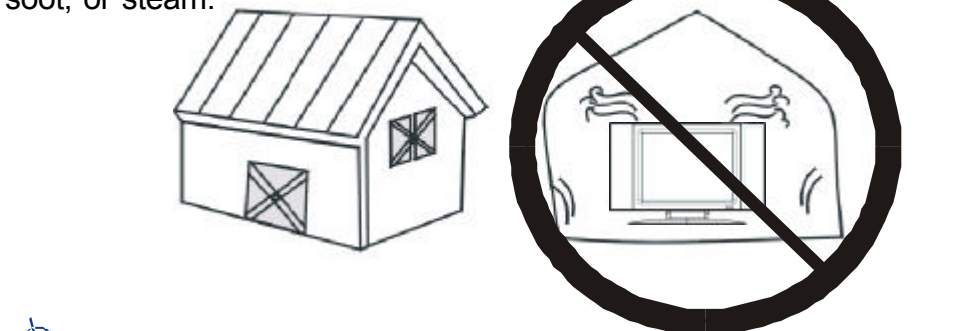
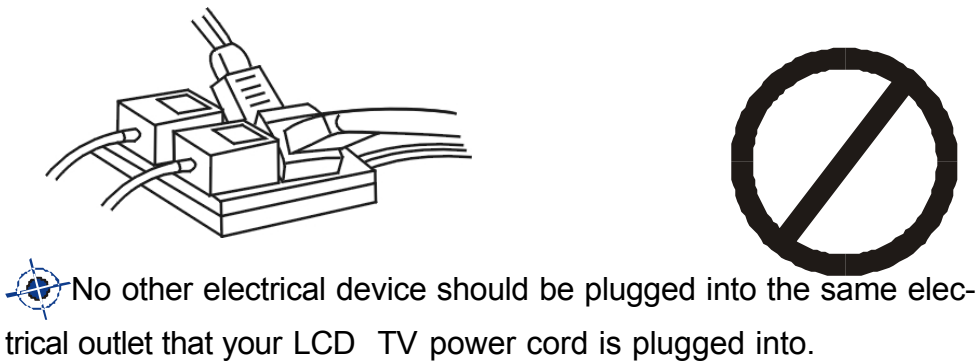
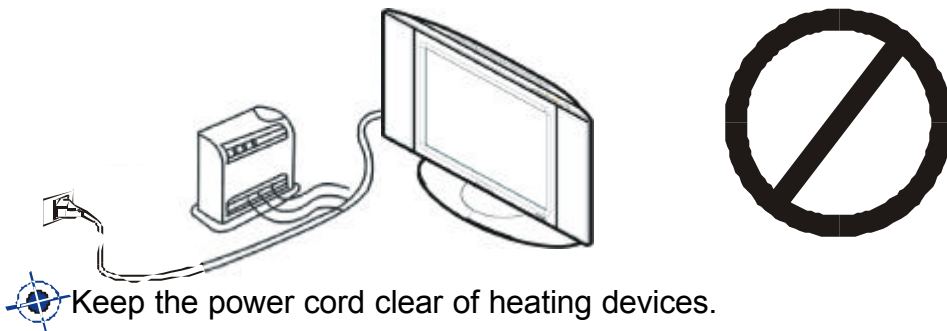


 Do not place the LCD TV on an uneven surface. Do not twist, bend, break, or otherwise alter the power cord.

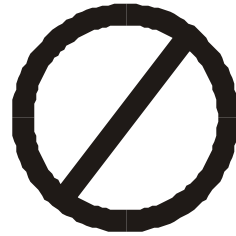
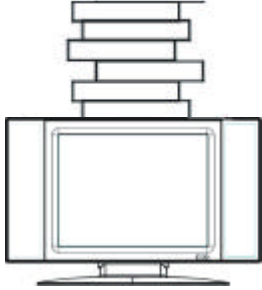


 Do not place the LCD Digital TV on an uneven surface.

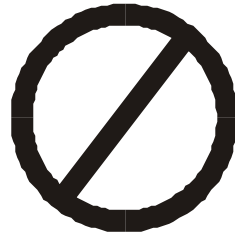
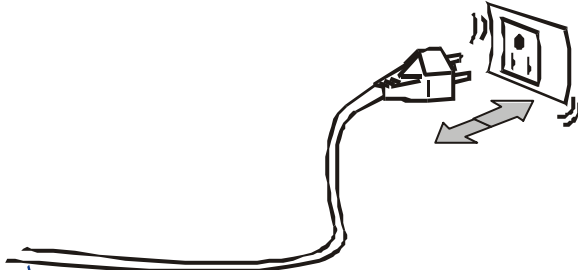
# SAFETY




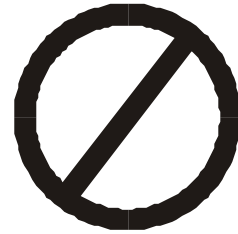
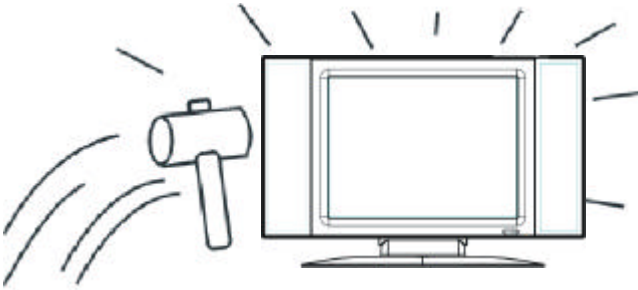
# SAFETY




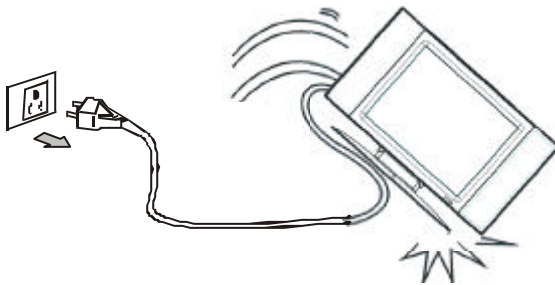
 Do not place heavy objects on top of the LCD TV




 Do not attempt to plug the power cord into a damaged or irregularly shaped outlet.

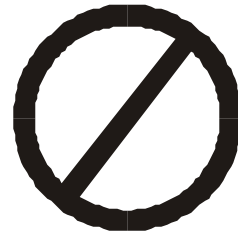
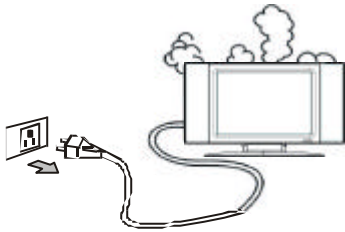



 Do not tap the LCD TV screen.

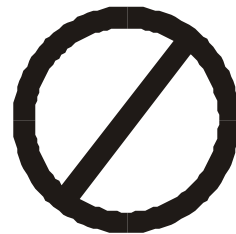
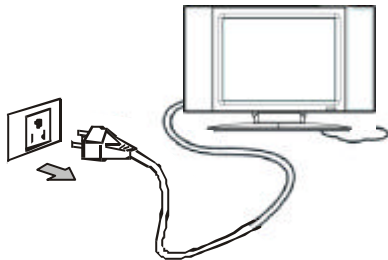



 If the LCD TV is accidentally dropped, immediately unplug the power cord to avoid accidental electrical discharges

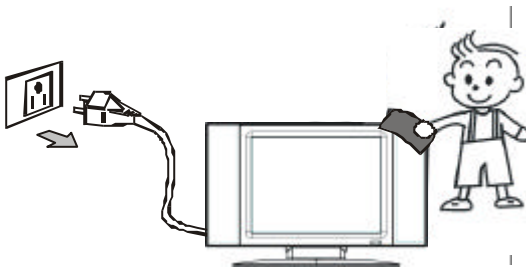
# SAFETY




 If the LCD TV produces smoke or strange noises, unplug the power cord immediately and take the unit back to the reseller.



 If any strange material drips from the LCD TV, turn off the power immediately and unplug the power cord.




 When cleaning the LCD TV, or if the unit is not to be used for an extended period of time, please unplug the power.

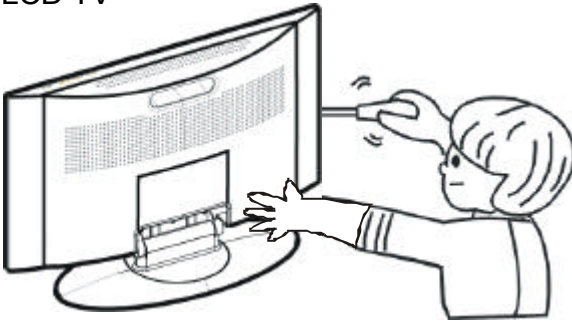



 Do not place the LCD TV in damp or humid places.

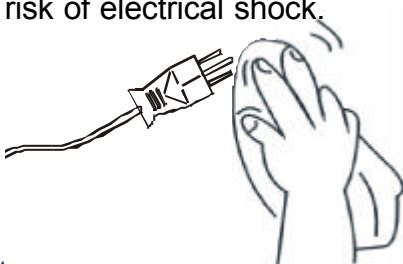
# SAFETY




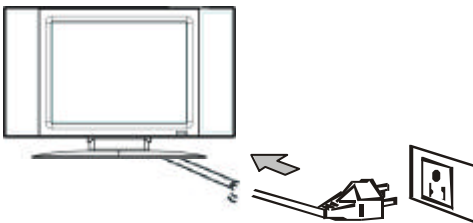
 Please do not place vases or other decorative items on top of the LCD TV




 Do not open the LCD TV casing for any reason, as there may be a risk of electrical shock.



 Use only a dry cloth to remove dust from the exterior of the power plug.




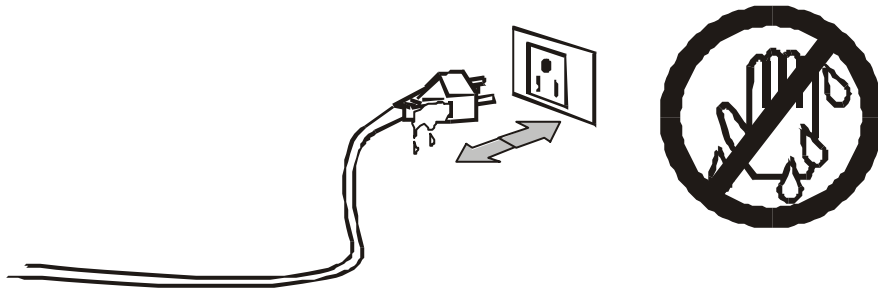
 Make sure to unplug the power cord before attempting to move the LCD TV




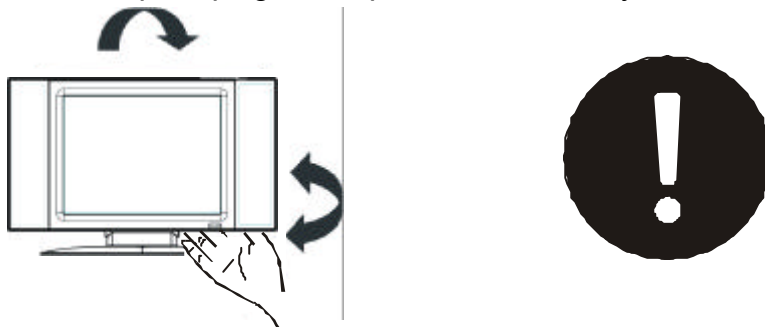
# SAFETY




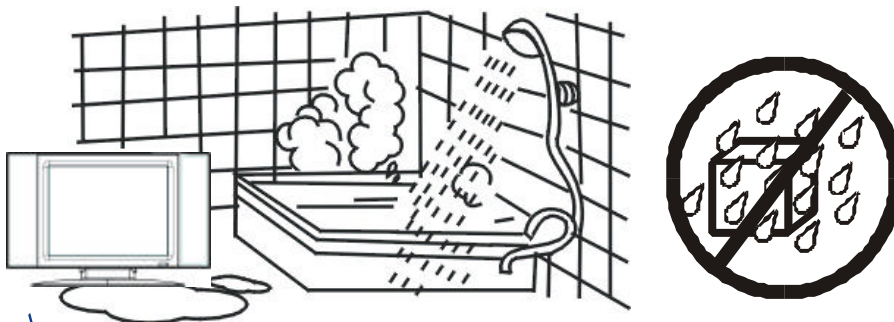
 Do not use chemical compounds when cleaning the LCD TV.



 Do not attempt to plug in the power cord when your hands are wet.

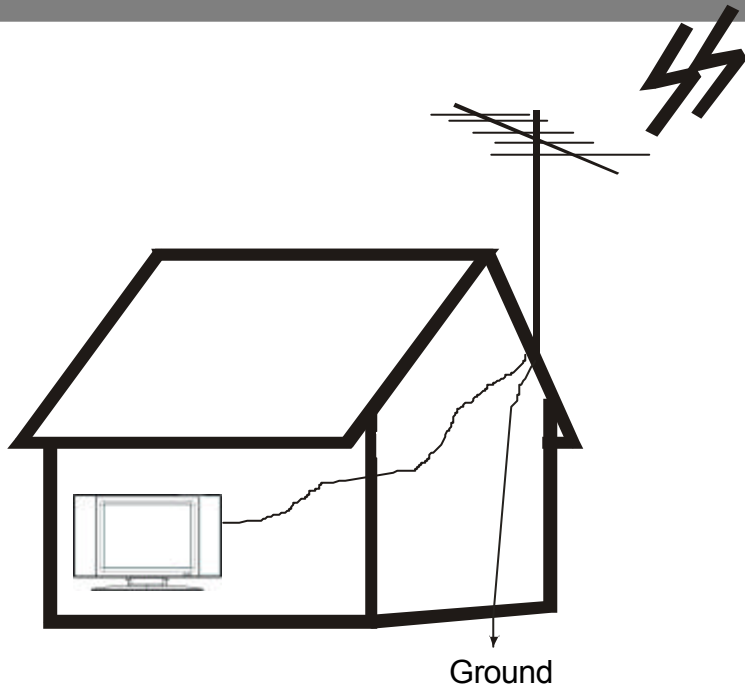



 When adjusting the angle of the screen, be careful not to get your fingers caught in the rotating hinge.



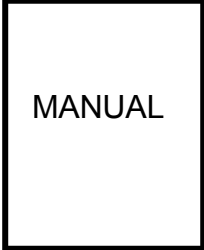
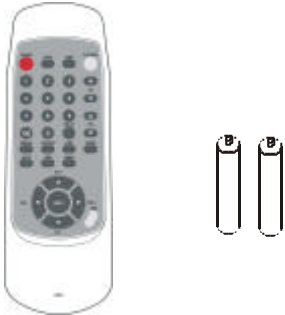
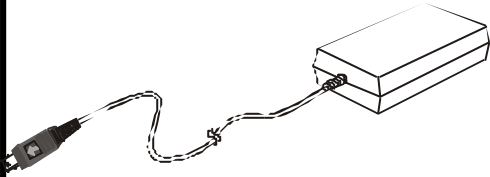



 Do not use the LCD TV in a restroom.

# SAFETY



 If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges.

# ACCESSORY LIST

<b>USER MANUAL *1</b>	<b>REMOTE CONTROLLER *1 BATTERY (AAA)*2</b>
	
<b>AC/DC ADAPTER *1</b>	<b>POWER CORD *1</b>
	
<b>ANTENNA CABLE *1</b>	<b>WARRANTY CARD*1</b>
	

*Anti glare, low reflection coating*

*High brightness, super high contrast*

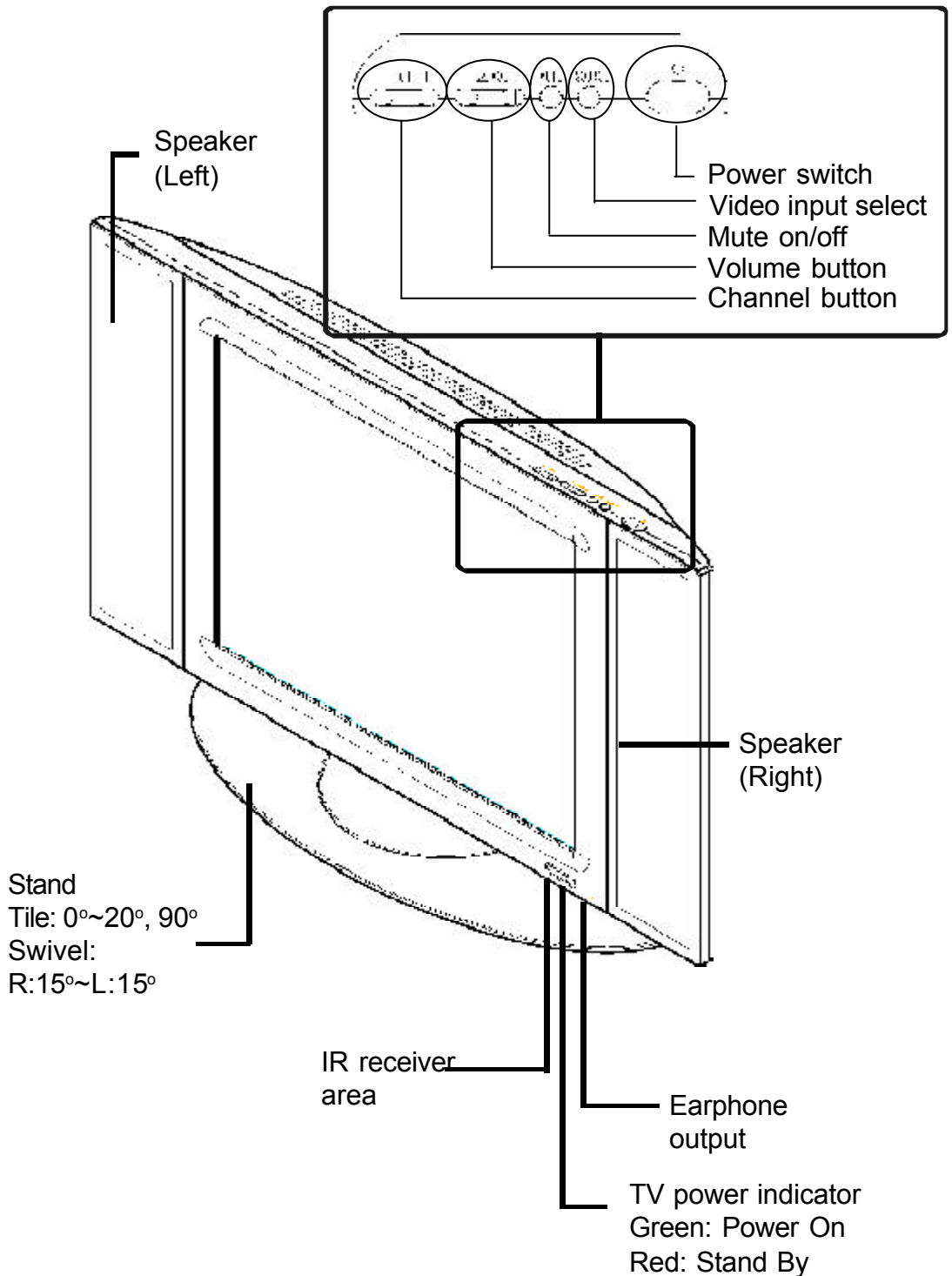
*New design with carrying handle*

*60,000 hours long life backlight*

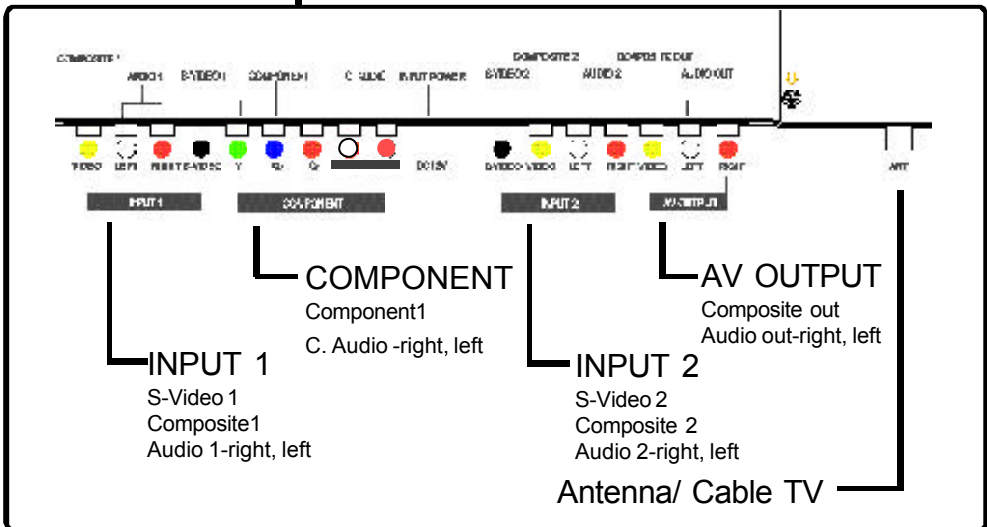
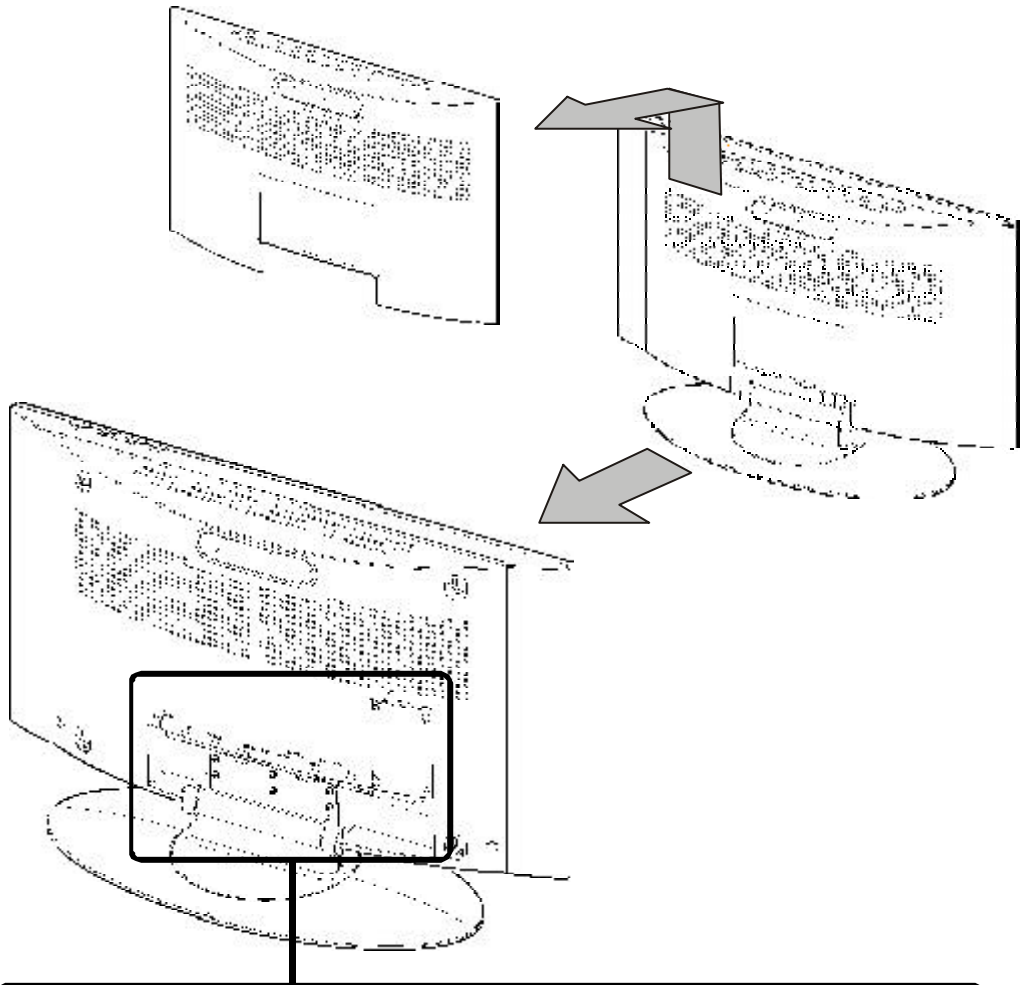
*170° wide viewing angle*

*180° rotation function*

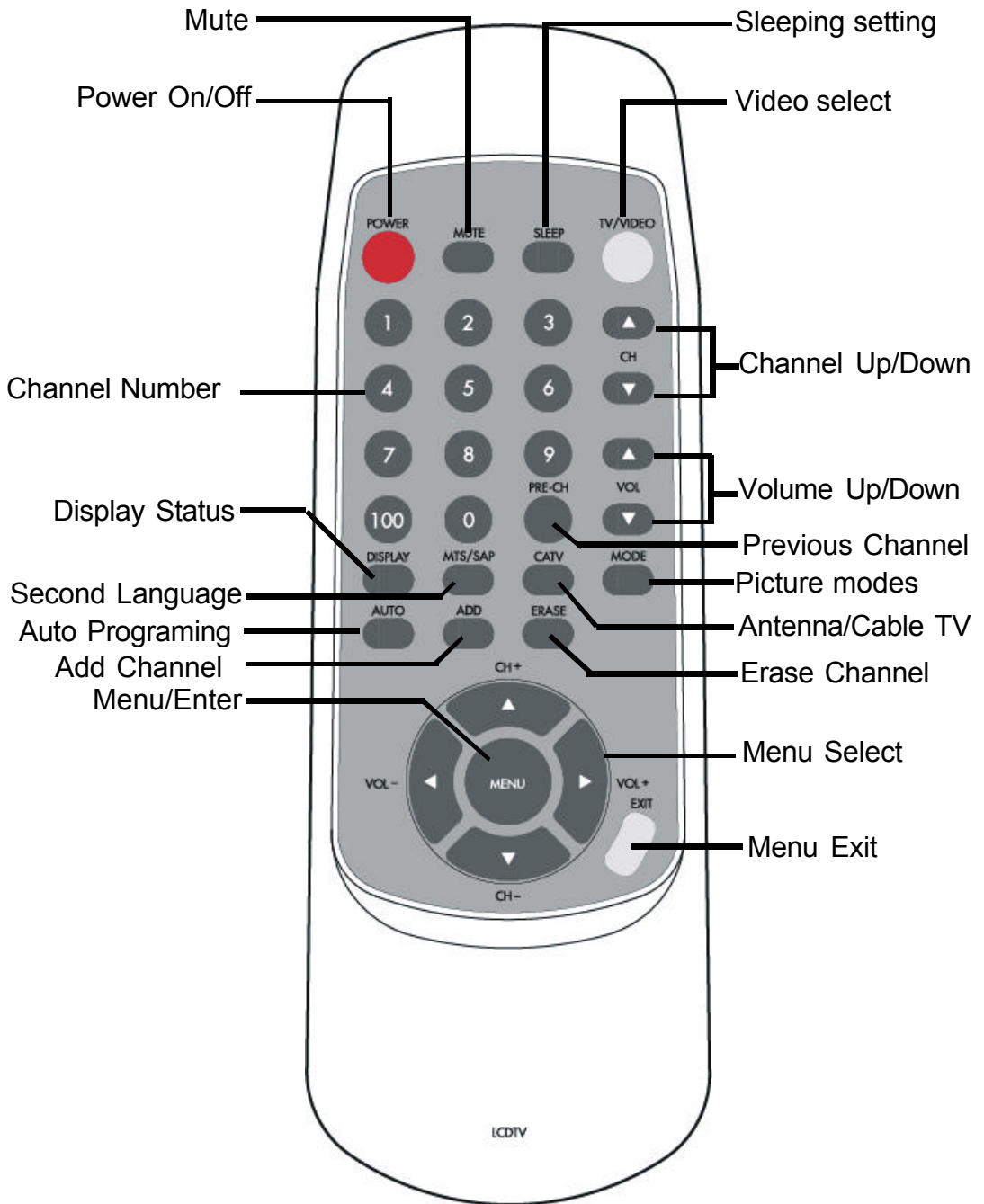
# LCDTV FRONT



# LCDTV REAR



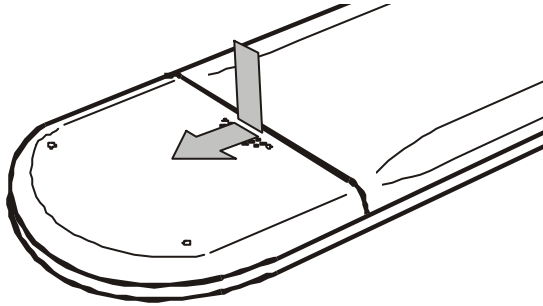
# REMOTE CONTROL



# PREPARING REMOTE CONTROL

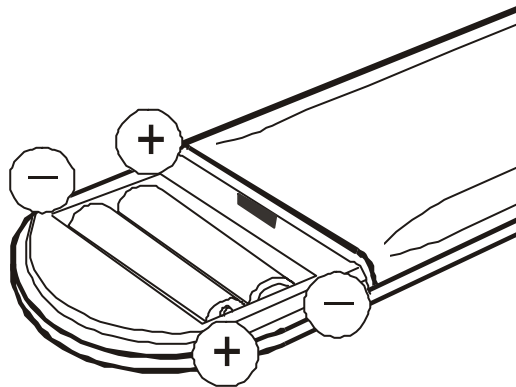
1

Slide the battery cover off in the back of remote control.



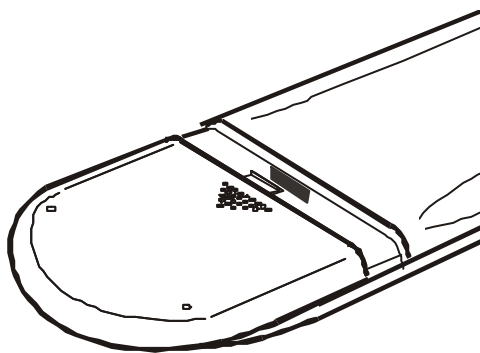
2

Install two batteries. (1.5V, UM-4, RO 3, AAA)



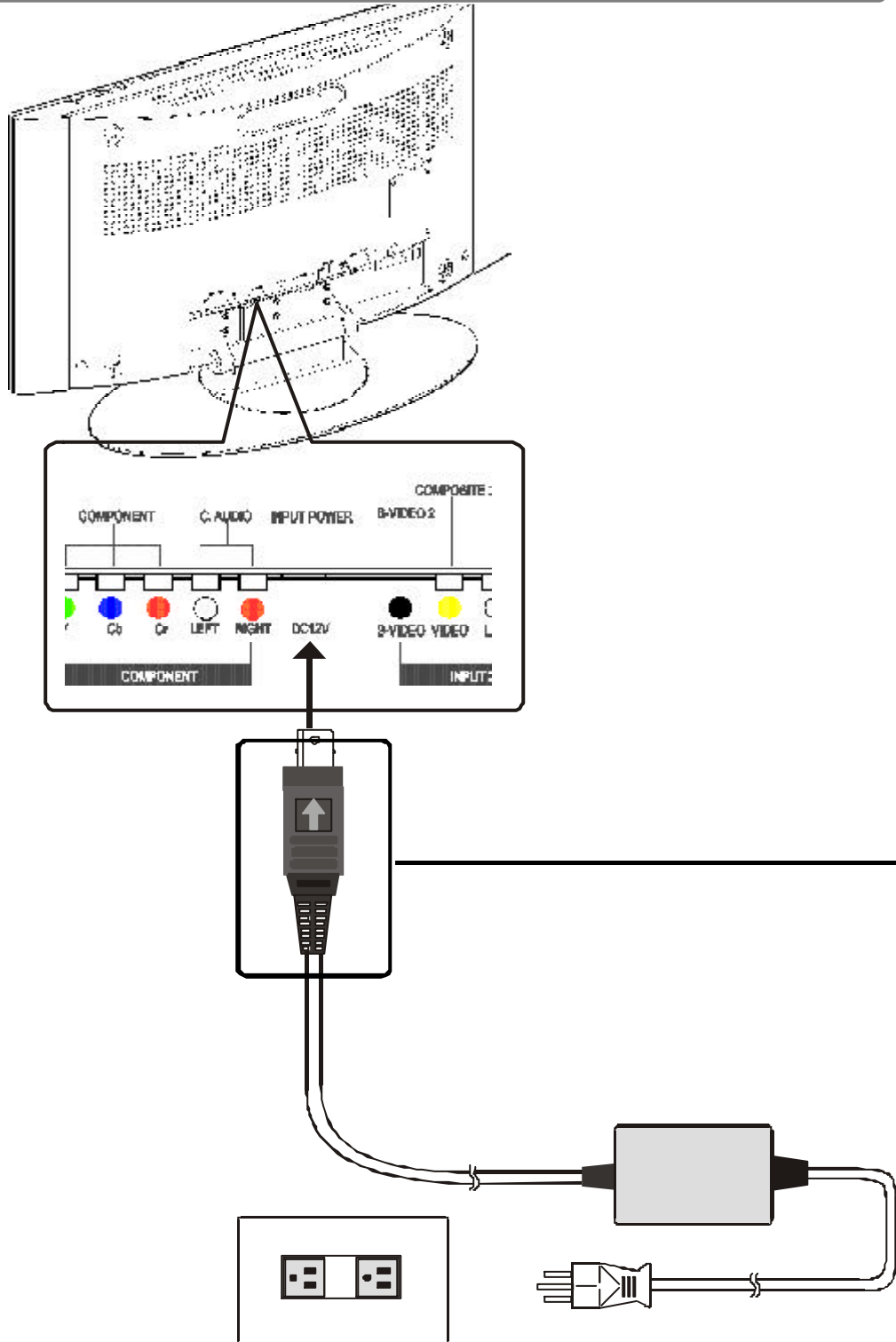
3

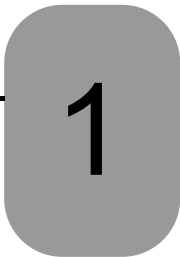
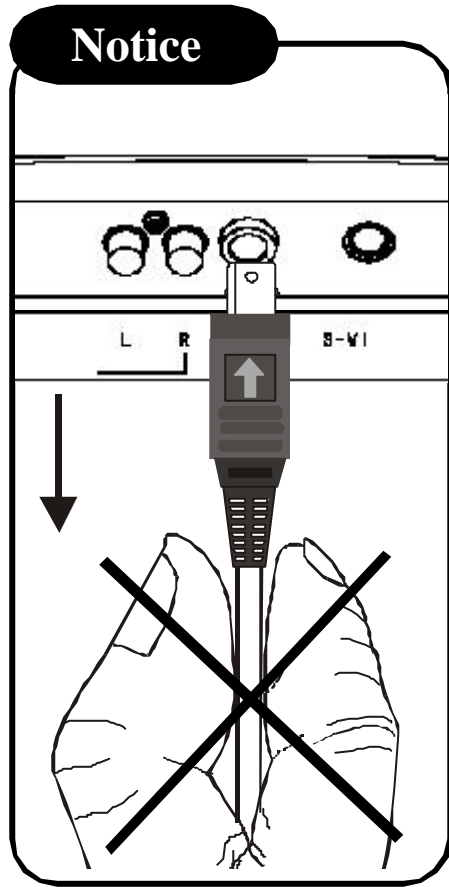
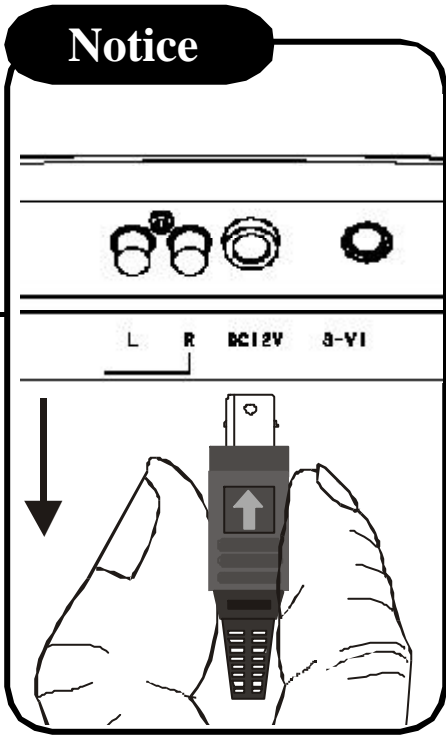
Close battery cover.



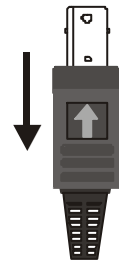
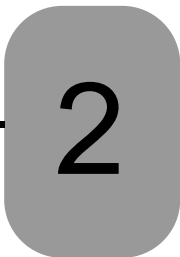


# POWER IN



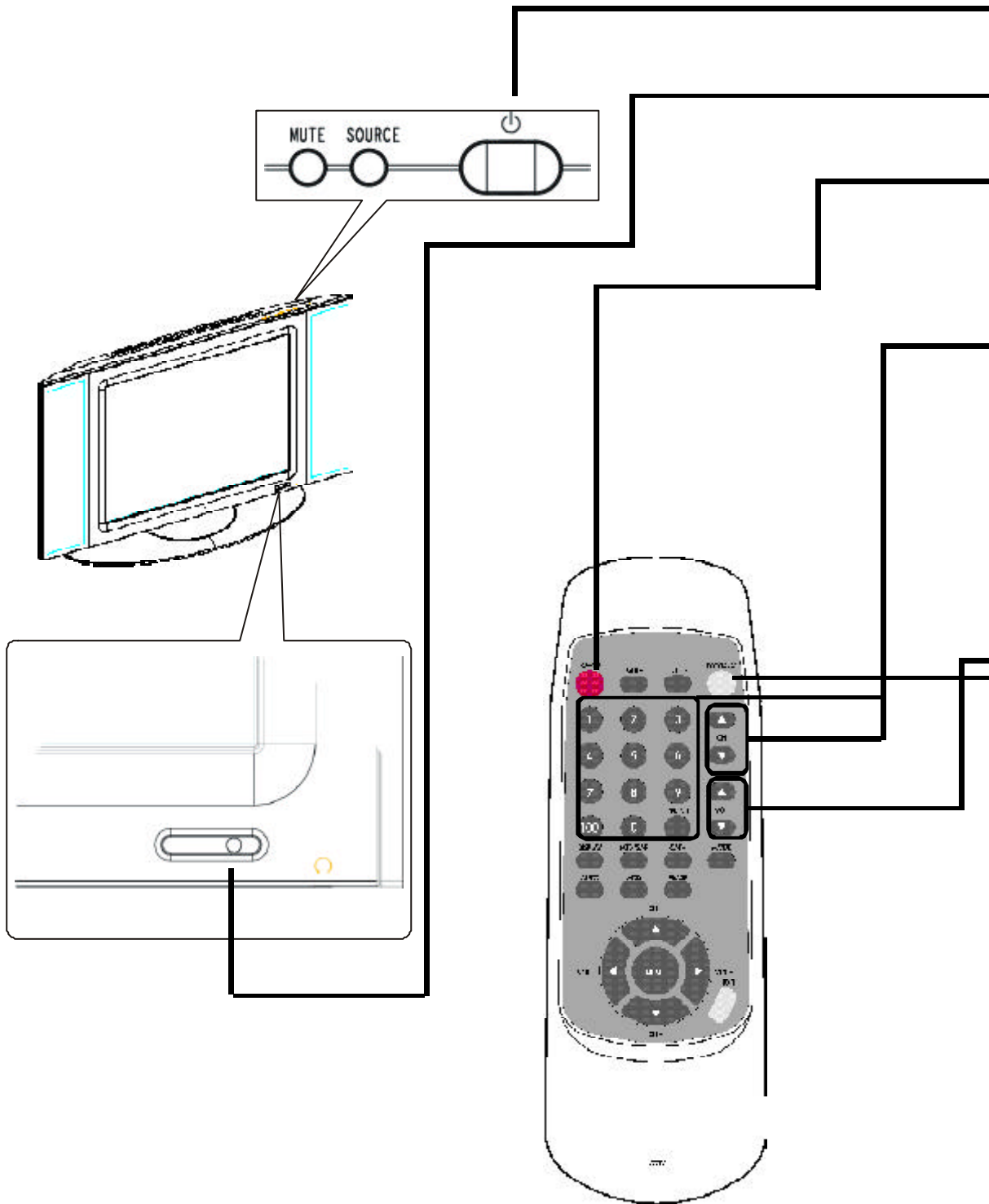


**Lock**



**Unlock**

# QUICK START LCDTV



1

## Press power switch

- Power indicator (LED) turn to green.

\*If LED is red then you can power on with remote control!

2

## Select channel

15

- Press Up/Down arrow, move channel number to which you want!
- For quickly select, you can press channel number directly.

3

## Adjust volume

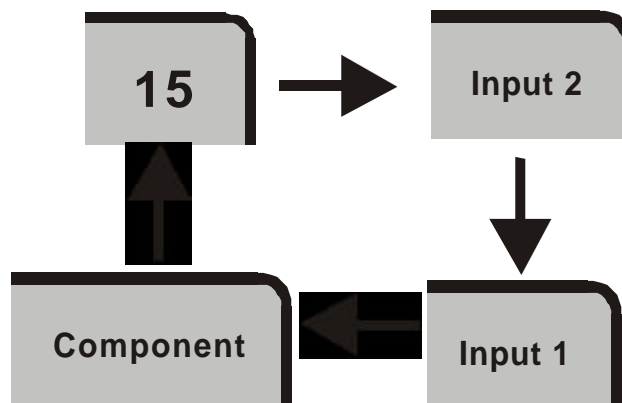
- Press Up/Down arrow to adjust scale to suitable volume!

VOL 

4

## VHS/DVD/Satellite

- Press TV/Video button to switch:



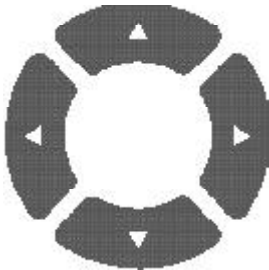
# LCDTV MENU

1



Press MENU to go to menu setting.

2

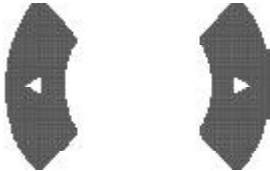


Press Up/Down/Right/Left arrow to select function item.

3



Press MENU to enter setting.



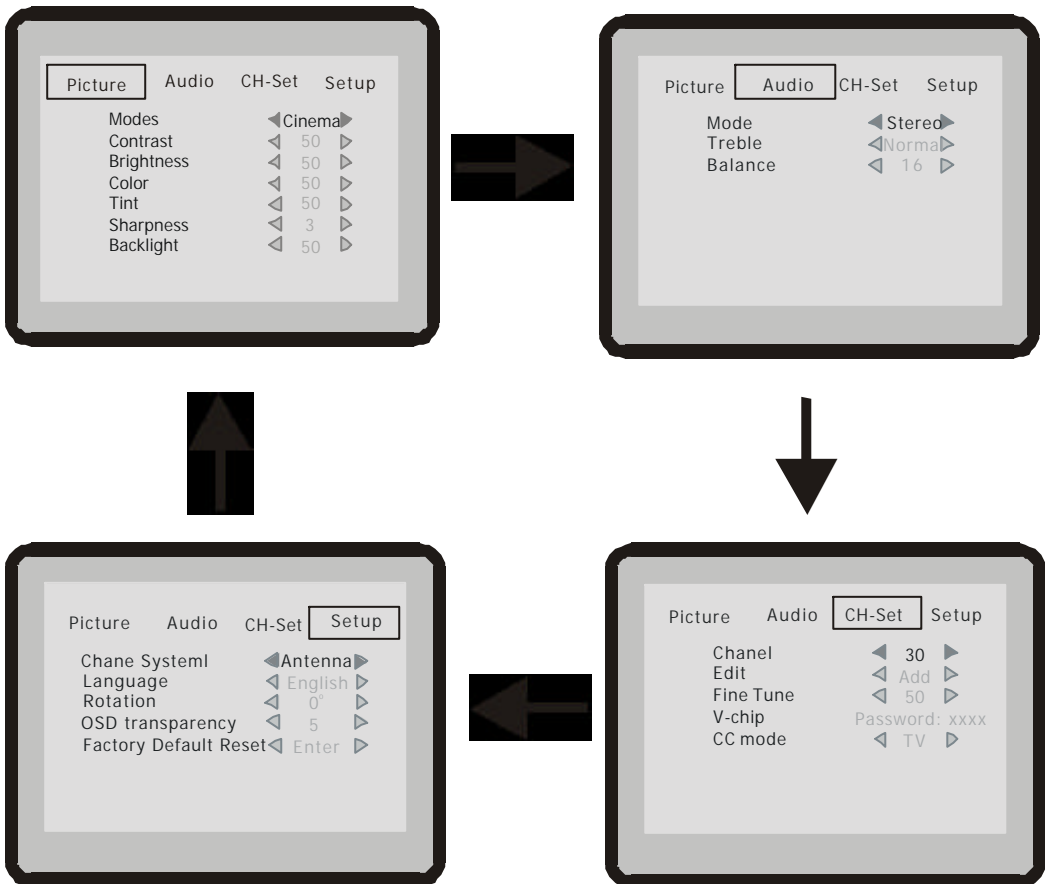
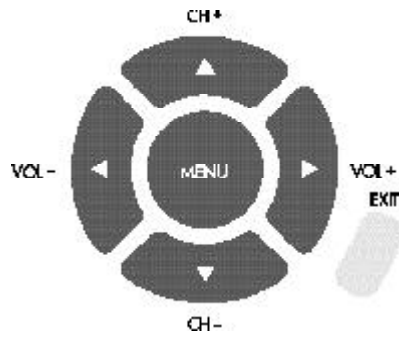
Press Right/Left to adjust scale or mode.

4

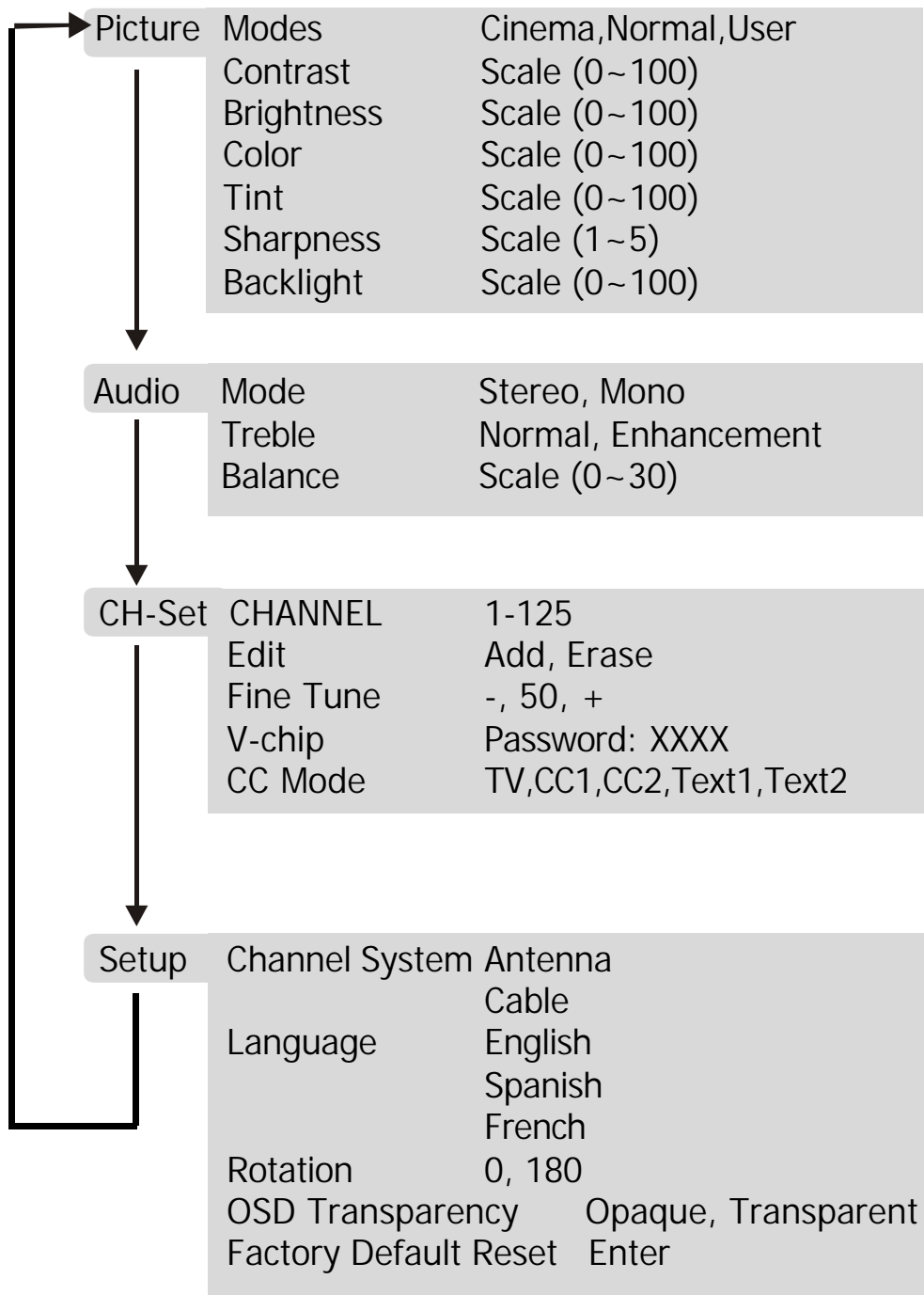


Press EXIT twice to quit menu setting.

# LCDTV MENU LOOP

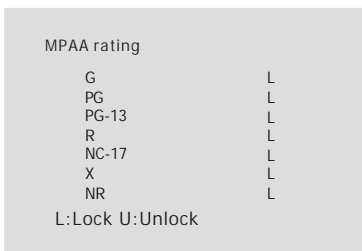
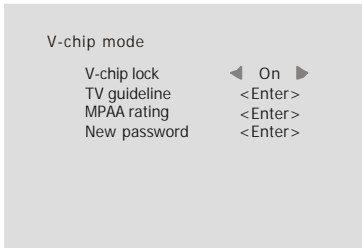
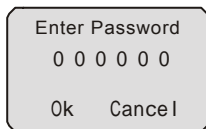
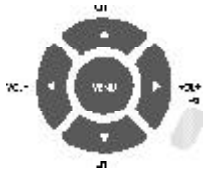


# LCDTV MENU STRUCTURE



# V-CHIP FUNCTION

Some TV programs and movies include signals that classify the content of the program (violence, sex, dialog, language). The V-CHIP control feature in this LCDTV detects the signals and blocks the programs according to your selections. To use this feature, perform the following setup.



Selecting the V-chip menu:

1. Press MENU, press right/left to CH-Set and press up/down arrow to V-chip function.

2. Press MENU, press right/left to display the pin code entering mode. Press up/down at each code to get number then press OK. (Choose OK when you first time use this function)

3. Screen changes to the V-chip menu as shown.

4. Press up/down to select item and press menu.

**V-chip lock:**

Press right/left to select On or Off

**Set TV Rating:**

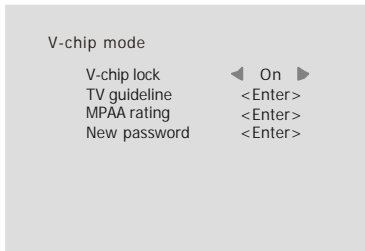
Press right/left to select.

**Set MPAA Rating:**

Press right /left to select Luck or Unluck.

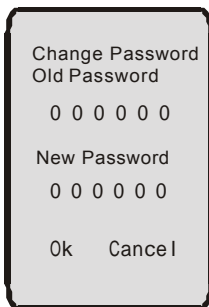


# V-CHIP FUNCTION



## Change password:

1. Press up/down arrow to select New password item, press MENU



2. Press up/down at each code to get old password and press up/down at each code to select new password then press Ok.

# V-CHIP FUNCTION

## About Rating:

**TV RATING:** Independent rating system for broadcasters

TV-Y: All Children (This program is designed to be appropriate for all children)

TV-Y7: Directed to Older Children (This program is designed for children age 7 and above.)

TV-G: General Audience (Most parents would find this program suitable for all ages.)

TV-PG: Parental Guidance Suggested (This program contains material that parents may find unsuitable for younger children.)

D) Some suggestive dialog

L) Infrequent coarse language

S) Some sexual situations

V) Moderate violence

TV-14: Parents Strongly Cautioned (This program contains material that parents would find unsuitable for children under 14 years of age.)

D) Some suggestive dialog

L) Infrequent coarse language

S) Some sexual situations

V) Moderate violence

TV-MA: Mature Audience Only (This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.)

**MPAA RATING:** Independent rating system for movies

G: General Audience (Appropriate for all ages)

PG: Parental Guidance Suggested (Some material may not be suitable for children)

PG13: Parents Strongly Cautioned (Some material may be inappropriate for children under 13)

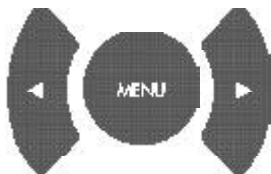
R: Restricted (Under 17 requires accompanying parent or adult guardian.)

NC17: Not intended for anyone 17 and under

X: X-rated (For adults only)

# VIDEO ROTATION

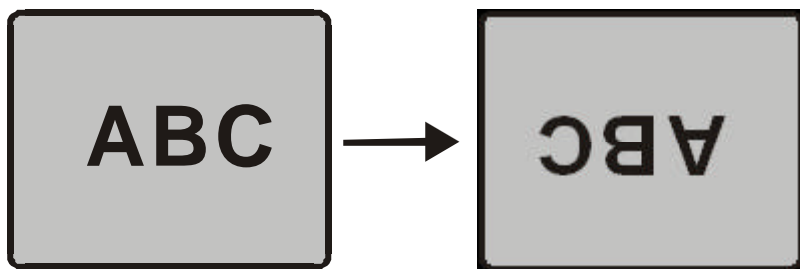
1



Press MENU then to select to SETUP - Rotation.

2

Press MENU, the video will rotate 180°



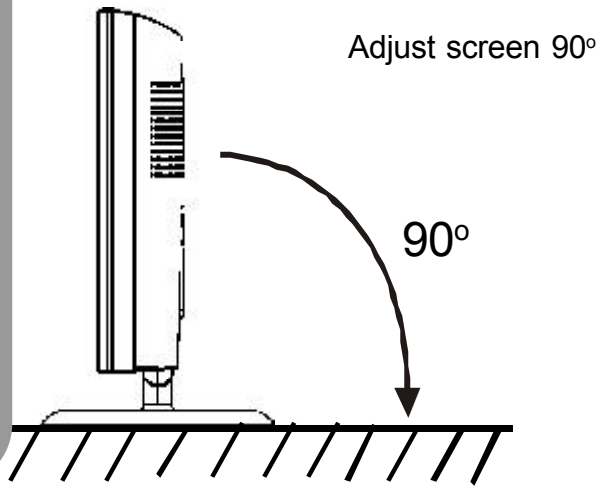
3



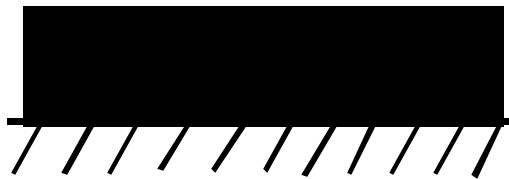
Press EXIT twice to quit menu setting.

# VESA MOUNT

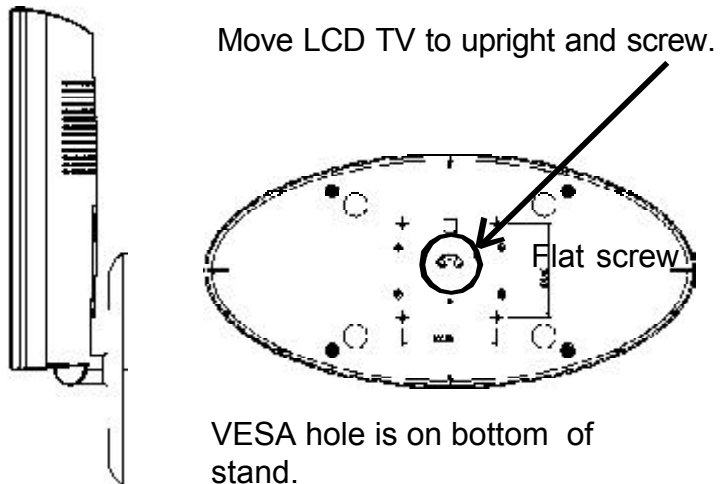
1



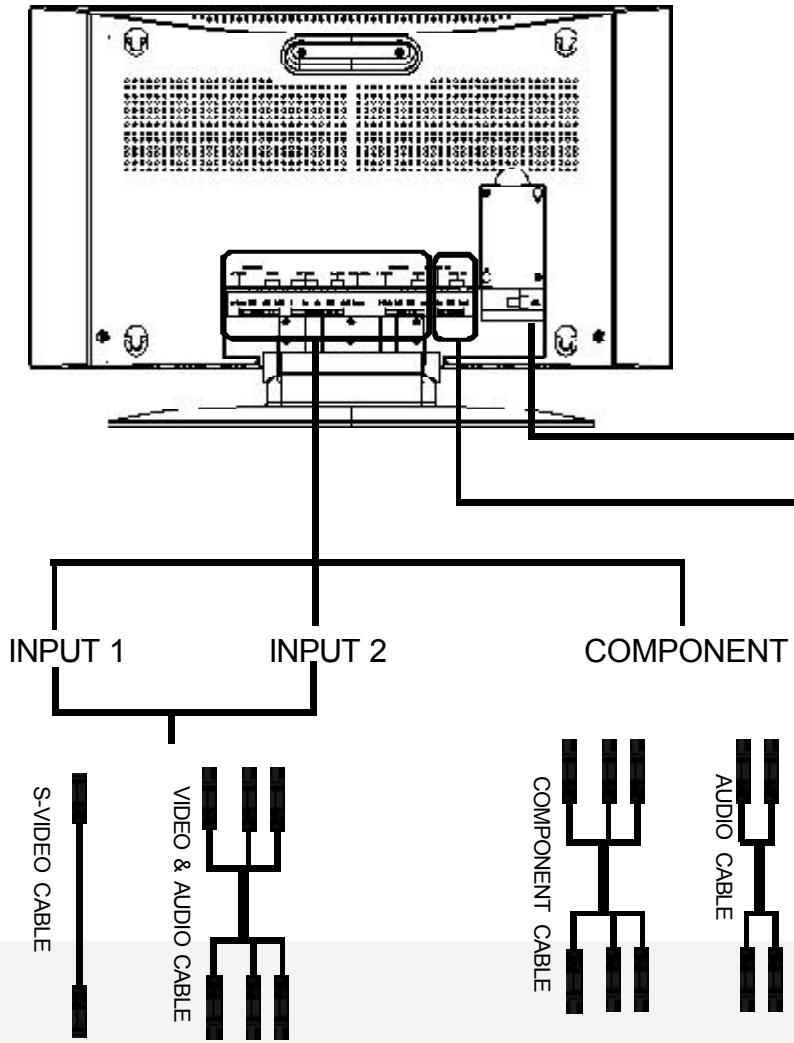
2



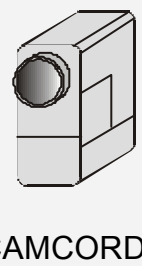
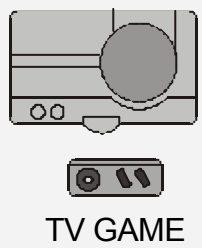
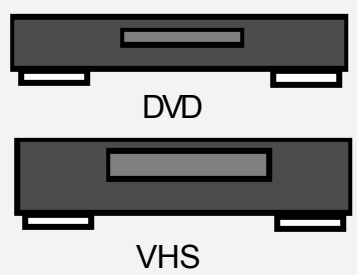
3

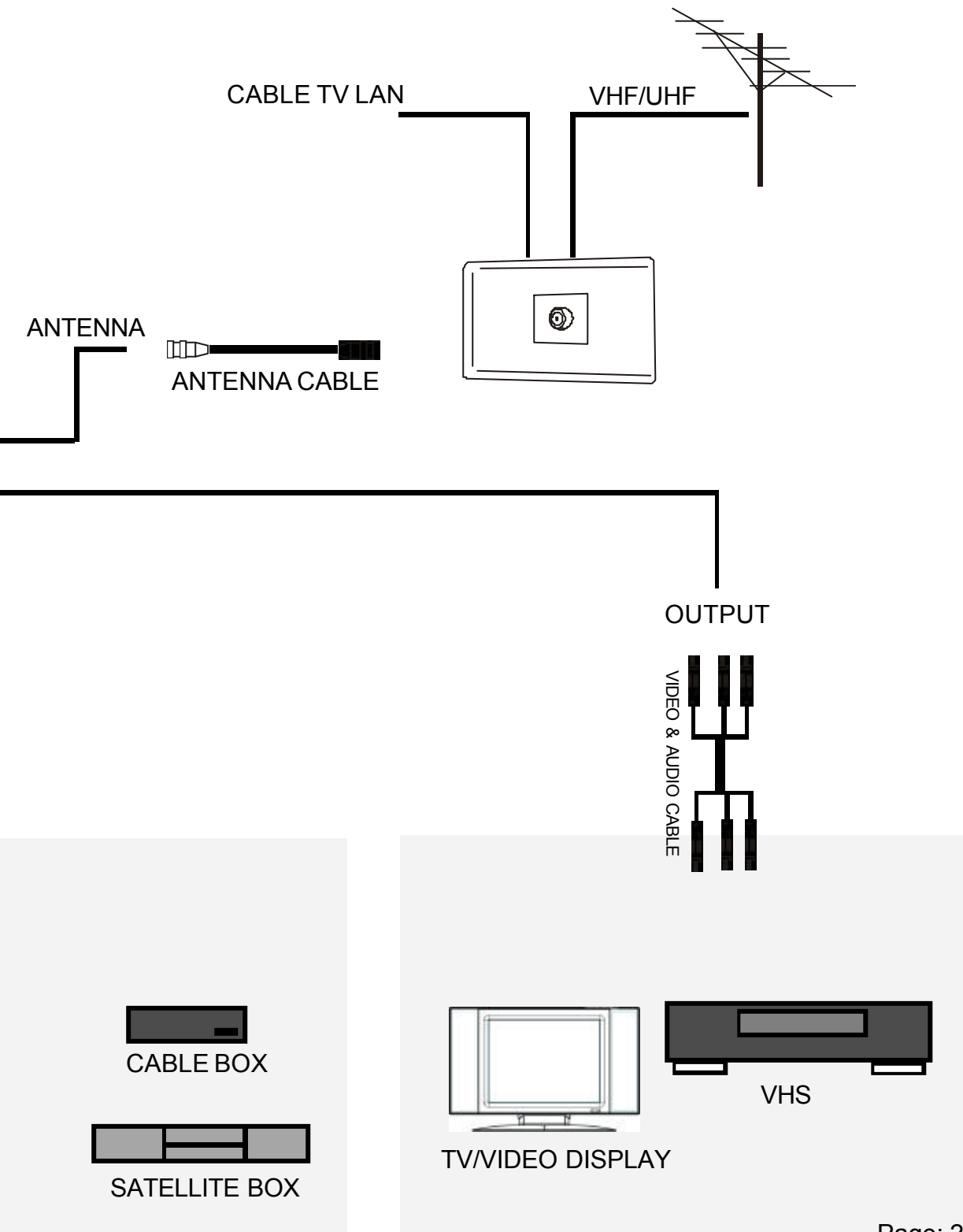


# CONNECTING



\*When S-VIDEO and VIDEO connect at same time, then screen will display S-VIDEO first!





# CLOSED CAPTION

Broadcasters can send either Standard or Test closed captioning. Standard closed captioning follows the dialogue of the characters on-screen and displays in a small section of the screen. Text closed captioning often contains information such as weather or news and covers a large portion of the on-screen program. This LCD TV can decode two different standards and text closed captioning signals from each TV station. However, each TV station may broadcast only one or two closed captioning signals, or none at all.

Within CC mode, you can select Text1, Text2, CC1 or CC2.

# TROUBLE SHOOTING

<u>Problem</u>	<u>Checks and Adjustments</u>
TV will not turn on	<ul style="list-style-type: none"><li>■ Make sure the power cord is plugged in, then press POWER button.</li><li>■ Check battery in the Remote. (Maybe batteries are dead.)</li></ul>
No picture, no sound	<ul style="list-style-type: none"><li>■ Check antenna/cable connections.</li></ul>
No sound, picture OK	<ul style="list-style-type: none"><li>■ Maybe sound is muted. Try pressing VOL+ button.</li><li>■ Try another channel.</li></ul>
Poor reception of broadcast channels	<ul style="list-style-type: none"><li>■ Try another channel.</li><li>■ Check antenna connections.</li><li>■ If using VCR, check TV/VCR button.</li></ul>
Black box appears on the screen	<ul style="list-style-type: none"><li>■ Captioning may be turned on</li></ul>
Cannot select a certain channel	<ul style="list-style-type: none"><li>■ That channel may be locked out with BLOCK CHANNEL function, or erased with the ASS/ERASE function.</li></ul>
The Remote Control does not operate	<ul style="list-style-type: none"><li>■ Maybe something is between the remote and the remote sensor.</li><li>■ Maybe batteries are dead. Try replacing batteries with new ones.</li></ul>



# SPECIFICATION

Type		20" LCD Color TV
LCD Panel		20" Black TFT VGA
Brightness		450 cd/m <sup>2</sup>
Contrast		500:1
Viewing Angle		H170°, V170° (CR≥10)
Color System		PAL/NTSC/SCAM
Receiving System		NTSC
Tuner	VHF	US2-US13ch
	UHF	US14-US69ch
	CATV	1-125ch
Present Channel		PLL181ch
Stereo System		MTS/SAP
Speaker		5W*2
Power Adapter		12V, 75W
Closed Caption		Yes
V-chip		Yes
Tilt		0° ~20°, 90°
Swivel		R: 15°, L: 15°
Screen Rotation		180°
Wall Mount Hale		VESA Compatible
Carrying Handle		Yes
AC Adapter		110V-240V, 50/60Hz
Terminals		
Front	Headphone *1	3.5mm
Rear	Input 1 *1	CVBS, S-Video, Audio
	Input 2 *1	CVBS, S-Video, Audio
	Component *1	RCA, Audio
	AV out *1	CVBS, Audio
	DC Input *1	DC 12V

## **Customer Service**

Tel: 1-866-PLANAR-1 (1-866-752-6271)

Hours: M - F, 7am - 6pm Pacific Time