VMD3000

LCD Display & TV

Operating Instructions

LCD Display & TV

A Wide Array of Screen Settings

You can choose different screen settings depending on the type of program you are watching or the surrounding conditions (the lighting or the outside weather conditions).
You can switch among the Sports, Movies, Music and Normal options , or you can configure the screen settings yourself.

A Wide Array of Sound Settings

You can choose an optimal sound setting for the type of program you are watching.
You can switch among the Music, Movie, News and Normal options , or you can configure the settings yourself.

Favorite Channel Memory

You can store your favorite channels in the order of preference for easy channel selection.

Captions

When you watch a captioned program, you can turn the caption option on to see English text on te screen. This feature also works with video CDs or videotapes with captions.

	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.		

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

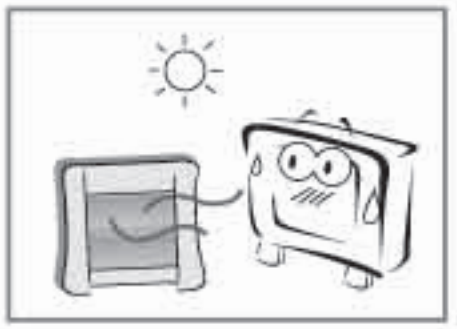
This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

To reduce the risk of fire or shock hazard, do not expose the TV to rain or moisture.

Safety Instructions

The unit should not be placed in a built-in installation such as a book-case, limited space rack unless proper ventilation is provided.
- This may cause fire by overheating or damage the unit by falling.

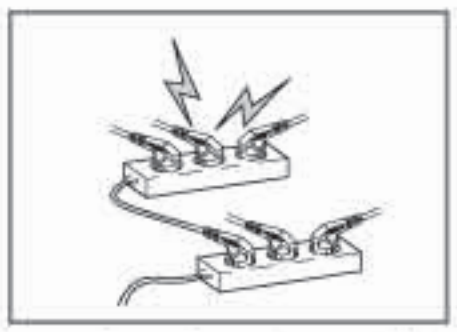


Do not use the unit in direct sunlight and keep it away from heaters, stoves, and other sources of heat.
- This may cause a fire.

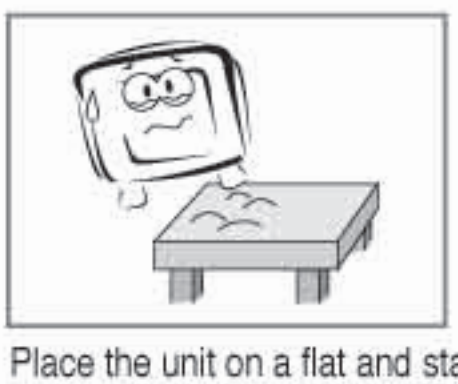
Do not use the unit near water, oil or inflammables.
- This may cause a fire.

During storm conditions (especially when there is lighting) unplug your TV set from the main electrical outlet and antenna.

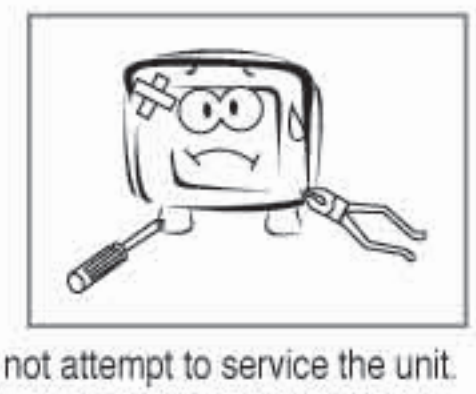
Do not use a damaged plug and do not let the power cord touch a heat source.
- This may cause an electric shock or fire.



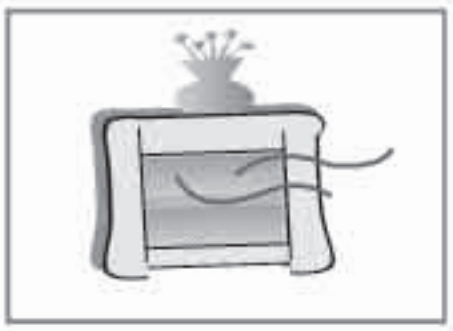
Do not connect too many extension cords or plugs to an outlet.
- This may cause a fire.



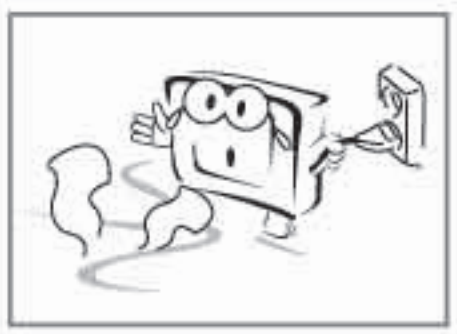
Place the unit on a flat and stable surface.
- The unit can cause injury or damage the unit by falling.



Do not attempt to service the unit.
Contact an authorized dealer or repair service.
- Servicing the unit yourself may cause an electric shock or fire.

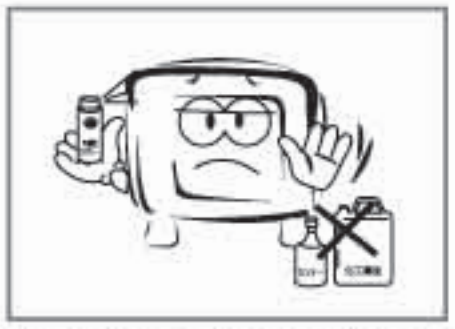


Do not place any things(vase, etc) on the top of the unit.
- This may cause the damage of the unit by falling.

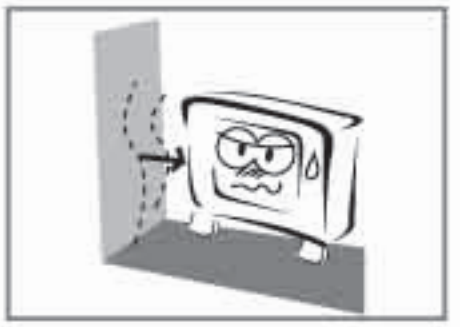


If there are any unusual sounds or smells coming from the unit, unplug it immediately and contact an authorized dealer or repair service.
- This may be caused by an electric shock or fire.

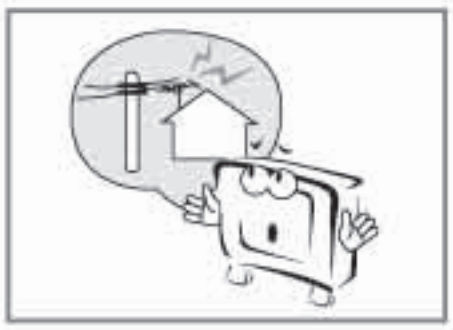
Safety Instructions



Do not use or store inflammable substances near the unit
- This may cause an explosion or fire.



Place the unit away from the wall for well ventilation.
- This may cause a fire.

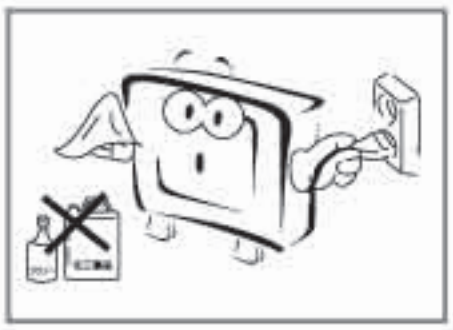


Place the antenna away from the electric wire, not to touch even though it falls down by wind.
- This may cause an electric shock.

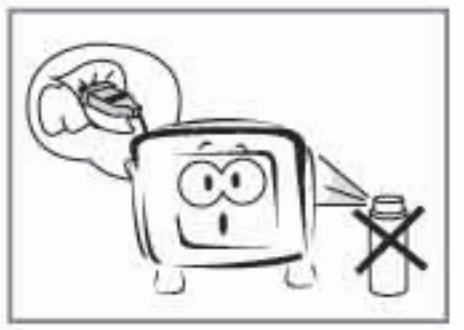
Do not touch the plug with wet hands.
- This may cause an electric shock.

Be sure to plug in tightly and hold the plug, not the cord when disconnecting the plug from the wall outlet.
- This may cause a fire.

If an outside antenna is connected to the unit, do not let the rain water get into the unit by bending or antenna wire sealing
- This may cause an electric shock or fire.

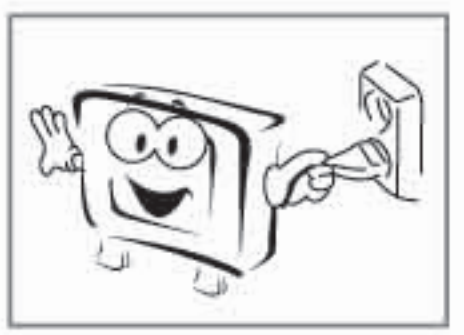


Unplug the unit from the wall outlet before cleaning. Use a smooth cloth. Do not use industrial chemicals.
- This may cause an electric shock or fire.



If the connector between the plug and the pin is dusty or dirty, clean it. Do not spray detergent directly on the unit.
- This may cause an electric shock or fire.

Do not touch the antenna wire and disconnect the plug from the electrical outlet during storms or lightening.
- This may cause an electric shock or fire.



Disconnect the plug from the outlet if it is not used for a long period of time.
- This may cause an electric shock or fire.

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Unpacking your TV

Please make sure the following items are included with your TV set.
if any items are missing, contact your dealer.

Accessories

Remote Control & Batteries (AAA x 2)

Operating Instructions

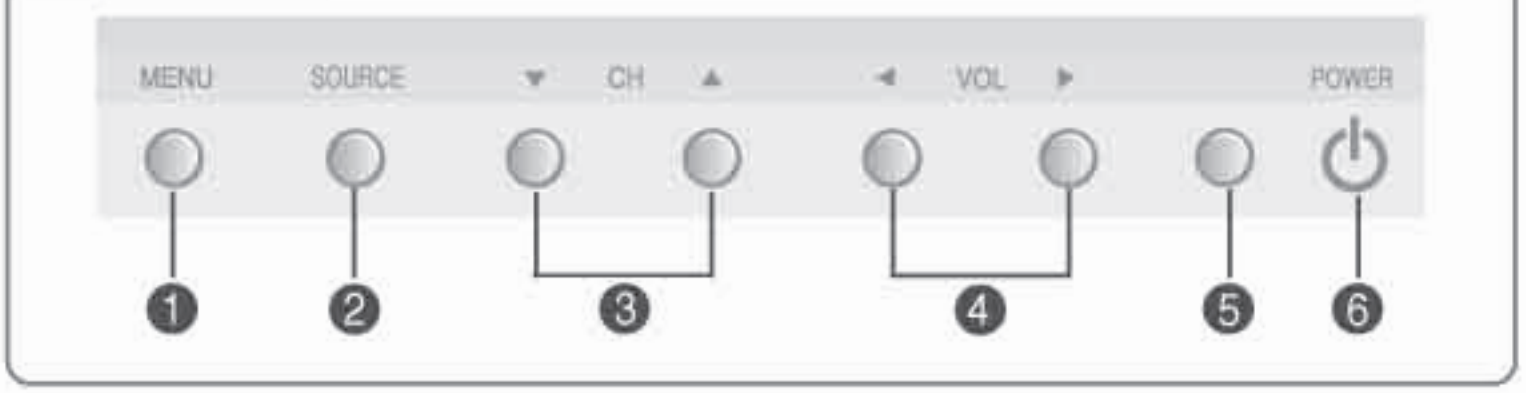
Power Cord

DC Adapter

Viewing the Control Panels

Front View

Bottom Side



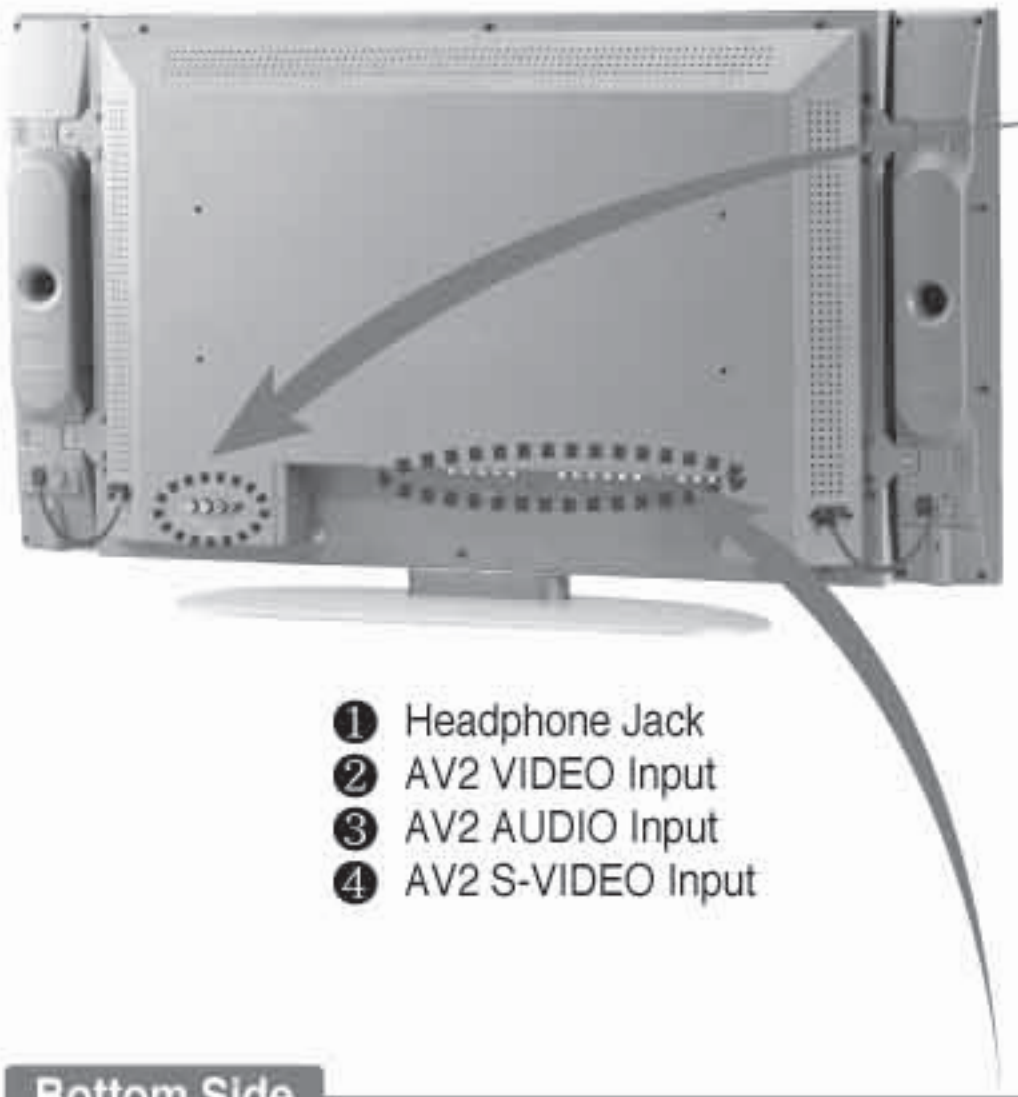
1. MENU selection button
2. Input source selection button
3. Channel selection button
4. Volume adjustment button
5. Remote control sensor
6. Power button & Indicator

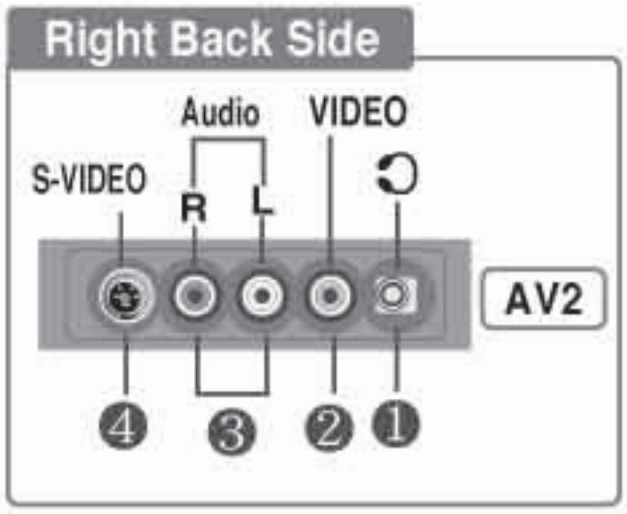
Power Indicator Status

Indicator	Status
Red	Stand-by
Green	Power on
Green blinking	Remote control

Viewing the Control Panels

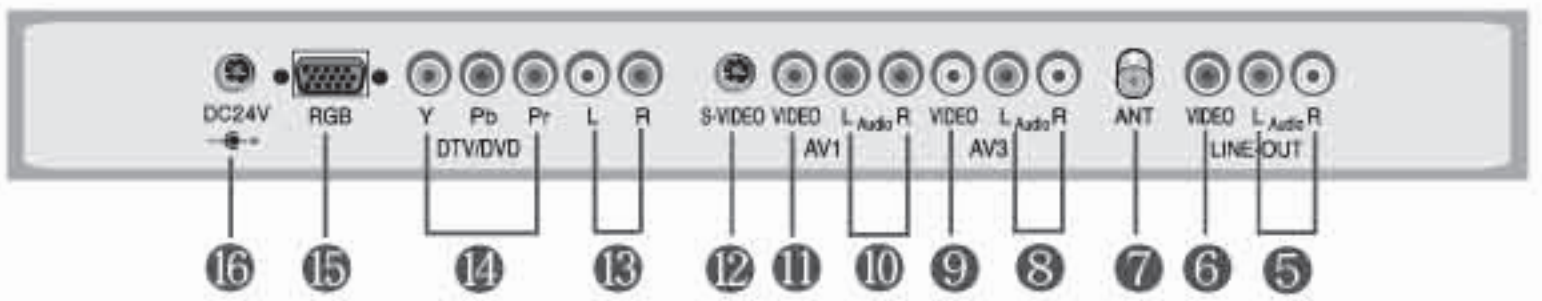
Rear View





❶ Headphone Jack
❷ AV2 VIDEO Input
❸ AV2 AUDIO Input
❹ AV2 S-VIDEO Input

Bottom Side



❺ Line-Out (Audio)
❻ Line-Out (Video)
❼ Antenna Input Jack
❽ AV3 AUDIO Input
❾ AV3 VIDEO Input
❿ AV1 AUDIO Input
⓫ AV1 VIDEO Input
⓬ AV1 S-VIDEO Input
⓭ DTV/DVD Audio Input
⓮ DTV/DVD Video (Y/Pb/Pr) Input
⓯ RGB Video Input Connector (PC)
⓰ Power Input Jack

Remote Control

❶ Power On/Off button

❷ Numeric buttons

❸ Previous Channel

❹ ON Screen Display and MENU
▲ and ▼(Channel Up / Down
▶and◀ (Volume Up / Down)

❺ Favorite Channel Selection (See page 27)

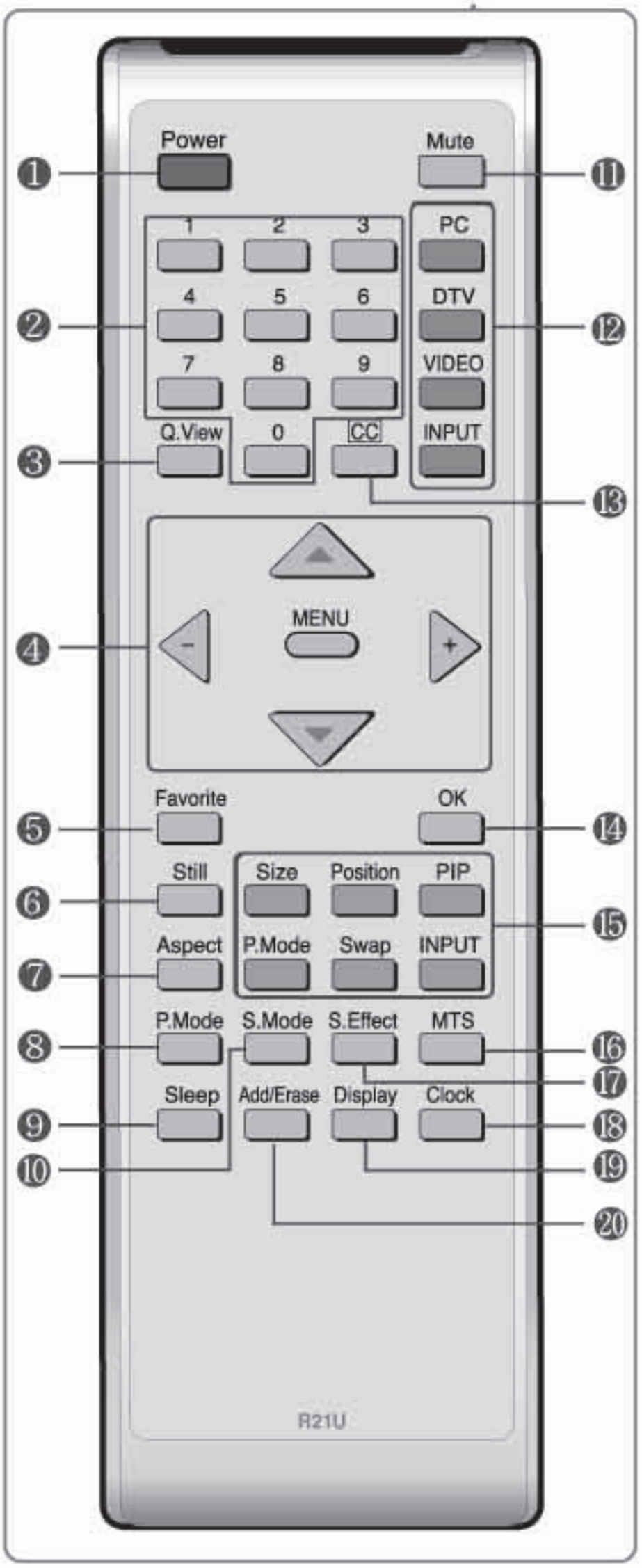
❻ Picture Still (See page 31)

❼ Picture Size Selection (See page 31)

❽ Picture Mode Selection (See page 19)

❾ Sleep Timer (See page 24)

❿ Sound Mode Selection (See page 20)



⓫ Temporary Sound Mute

⓬ External Source Input Selection (See page 13)

⓭ Closed Captions (See page 25)

⓮ MENU Confirmation

⓯ PIP Functions: (See page 29~30)
-PIP On/Off
-Position Selection (Position)
-Size Selection (Size)
-Picture Mode Selection (P.Mode)
-Swapping main and sub picture (Swap)
-Selecting the Input Source(INPUT)

⓰ Sound Selection : Mono/Stereo/SAP (See page 22)

⓱ Sound Effect Selection (See page 22)

⓲ Clock Display (See page 23)

⓳ TV Information Display (See page 28)

⓴ Add or Erase Channels in the TV's Memory (See page 14)

☞ - Makes sure there are no objects between the remote control and its sensor.
- Don't place the remote control near a heater or in damp place.
- A strong blow to the remote control may cause it not to operate.

Inserting Batteries in the Remote Control

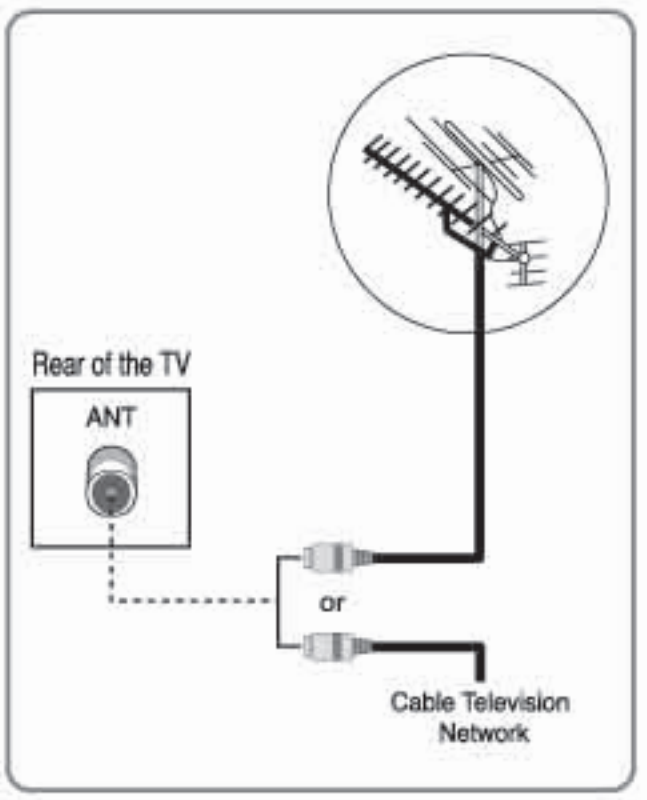
You must insert or replace the batteries in the remote control when you purchase the TV or when you find that the remote control is no longer operating correctly.

1 Insert two AAA-size batteries (supplied) by matching the + and - on the batteries to the diagram inside the battery compartment.

- Handle the remote control with care; avoid dropping it, getting it wet, placing it direct sunlight, near a heater, or where the humidity is high .
- Remove the batteries to avoid damage from possible battery leakage whenever you anticipate that the remote control will not be used for an extended period.

Connecting an Antenna or Cable

To view television channels correctly, a signal must be received by the set from one of the following sources: an outdoor antenna, a cable television system or a satellite dish.



1 Connect the antenna or input cable to the 75 ohm coaxial input on the rear of the TV.

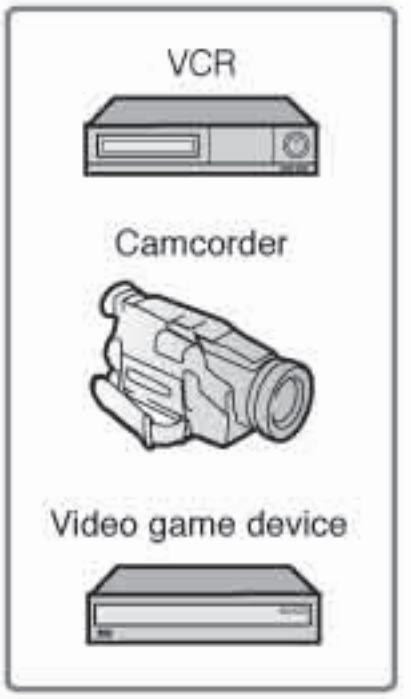
2 If you are using an indoor antenna, you may need to turn it when tuning your television until you receive a clear picture.

Connecting to the RCA or S-Video Input (AV1 or AV2)

Rear of the TV

(A) For RCA Input

(B) For S-Video Input



(A) For RCA Input

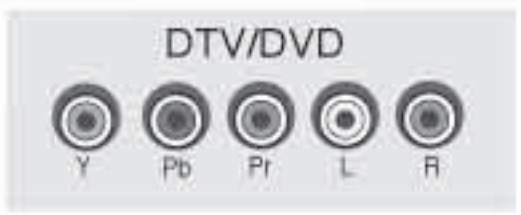
1. Connect the RCA cable to the input jacks (Video+ Audio L/R of AV1 or AV2) on the TV and output jacks on the external equipment such as a VCR, camcorder and some Video game devices.

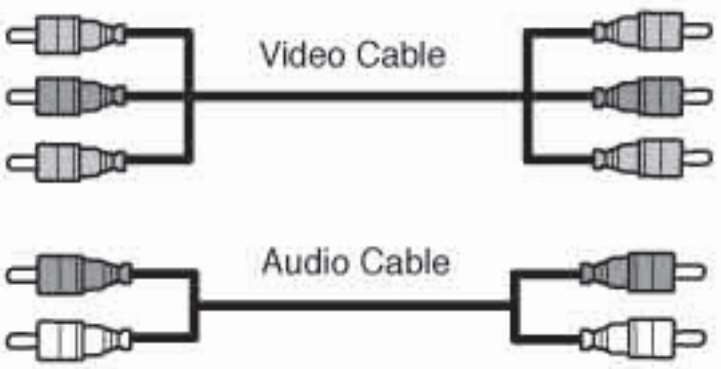
(B) For S-Video Input

1. Connect the S-Video/RCA (audio L/R of AV1 or AV2) cable to the input jacks on the TV and output jacks on the external equipment such as a VCR, camcorder and some video game devices.
2. If the external equipment has mono audio output, connect it only to left jack of the Audio Input/Output.

Connecting to a DVD or DTV Set-Top Box INPUT

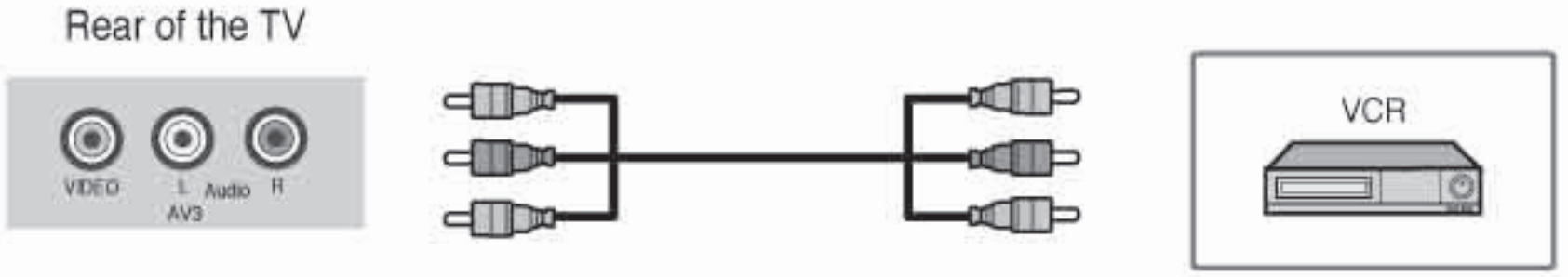
Rear of the TV





1. Connect the video cables to the Y, Pb, Pr input jacks (DTV/DVD) on the TV and the Y, Pb, Pr output jacks on the DVD or DTV Set-Top Box.
2. Connect the audio cables to the Audio L/R input jacks (DTV/DVD) on the TV and the Audio output jacks on the DVD or DTV Set-Top Box.

Connecting to the RCA Input (AV3)



1. Connect the RCA cable to the input jacks (Video+ Audio L/R of AV3) on the TV and output jacks on the VCR.

2. If the external equipment has mono audio output, connect it only to left jack of the Audio Input/Output.

Connecting a Second VCR to Record from the TV(LINE-OUT)

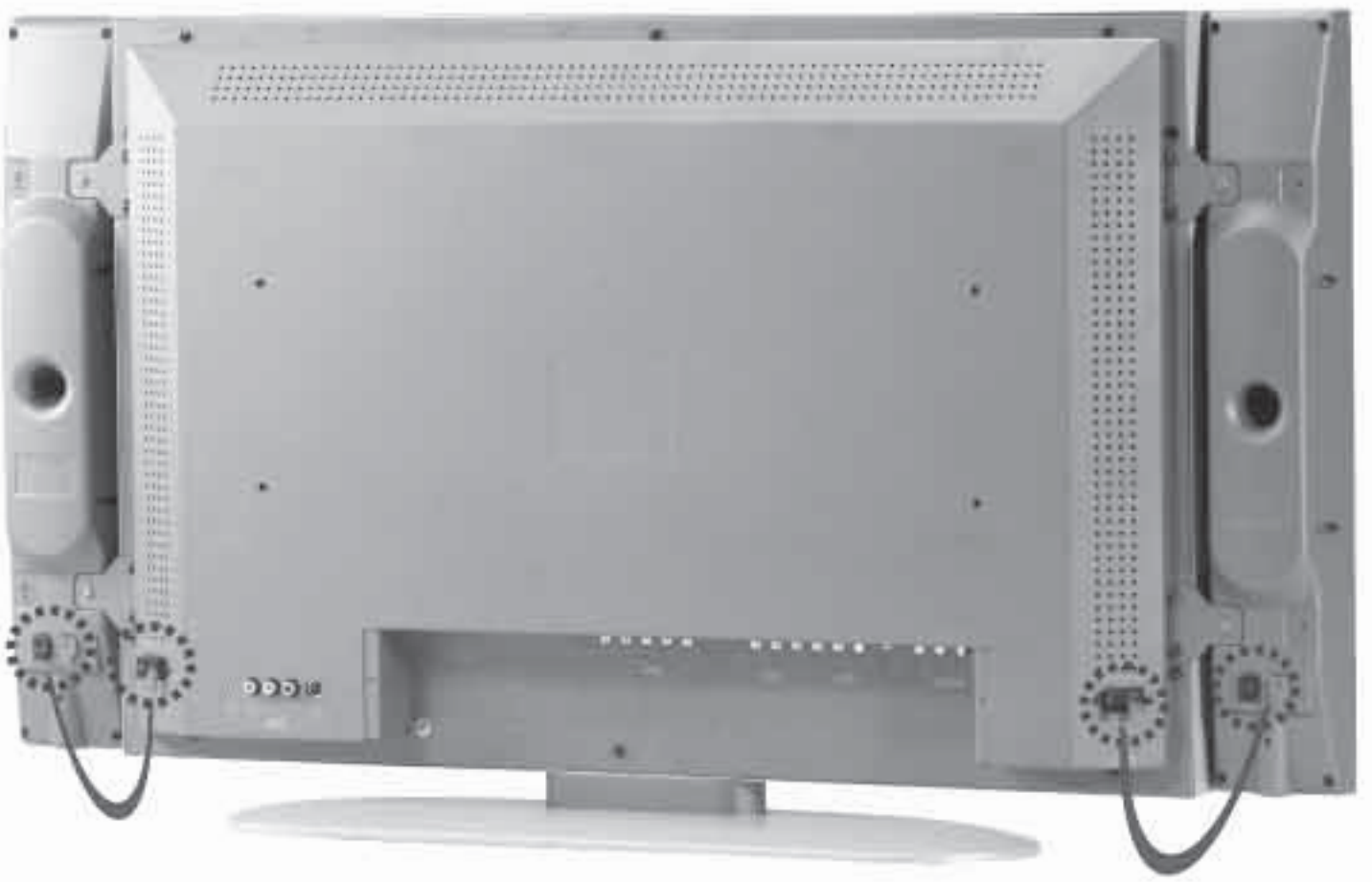
■ Your TV can send out signals of its picture and sound to be recorded by a second VCR.
To do this, connect your second VCR as follows:
(The VCR input jacks might be either on the front or on back of the VCR.)

1. Connect a set of audio cables between the AUDIO OUT jacks on the TV and the AUDIO IN jacks on the VCR.
2. Connect a video cable between the VIDEO OUT jack on the TV and the VIDEO IN jack on the VCR.

■ Refer to your VCR's instructions for more inforation about how to record using this kind of connection.

30″ Speaker Installation

3 Way Network System for Multimedia Display



◆ *Match red to red, black to black terminal of speaker / TV*

☛ Caution

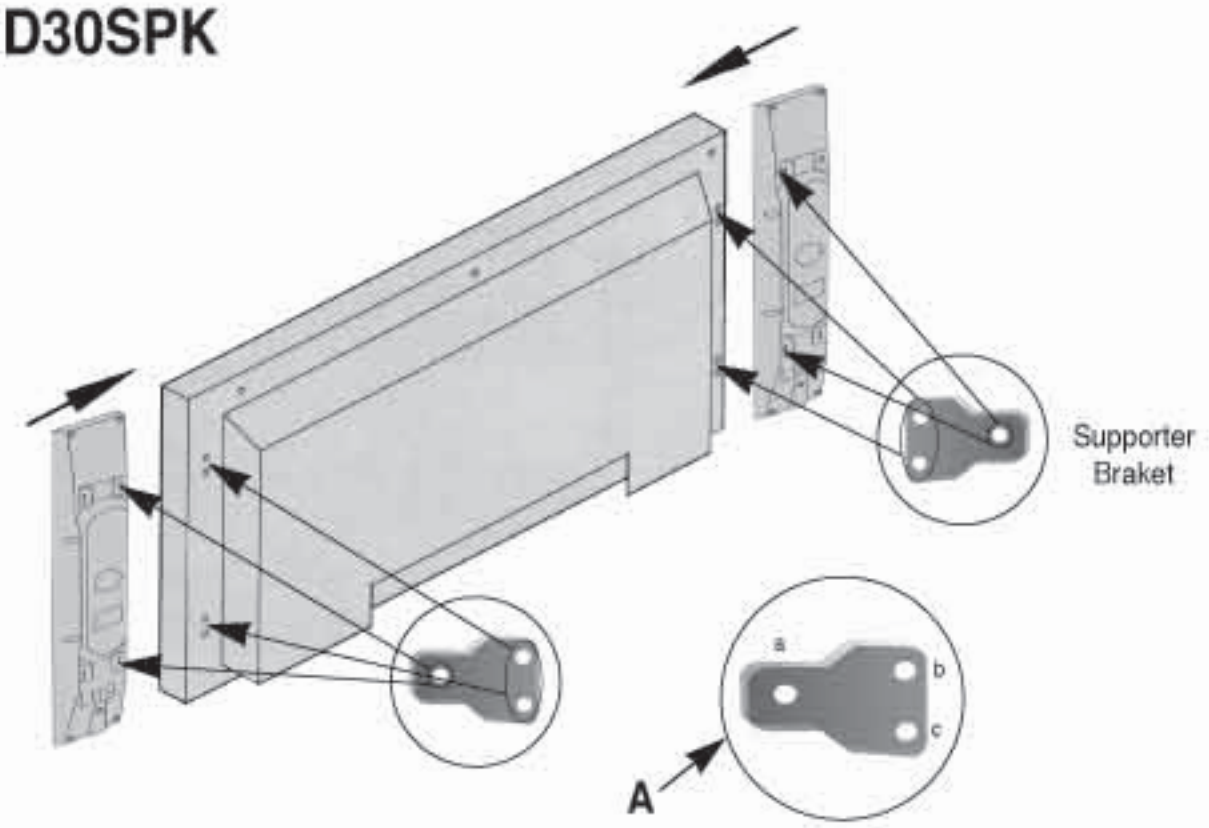
▶ ***Be sure Display Unit power is turned off before making any connection.***

Place the speaker in the position you want. Install the speaker wires on the Display unit and speaker. Be sure to connect the positive "+" wire to the "+" input and the negative "−" wire to the "−" input. Connect left unit to left speaker and right unit input to right speaker. Any extra speaker wire length remaining can be bunched into the wire holders provided.

(Caution : Once installed, the speaker wire holders lock into position and can't be removed.)

30″ Speaker Installation

Model : VMD30SPK



☛ Caution

Aways lift the Display Unit(TV) itself(not the speakers) when handling or moving the Unit after speakers have been installed. Assemble the Unit to speaker with using the supporter Braket and bolt. As shown above A, assemble the b and c of supporter hanger to the Unit with using the bolt(M4×8). Assemble the a to the speaker with using the Screw bolt(M3.5×4). If the bolts are tightened too much, the product could be damaged.

Speaker Accessories

4-Supporter Braket
(Mount speakers to display Unit)

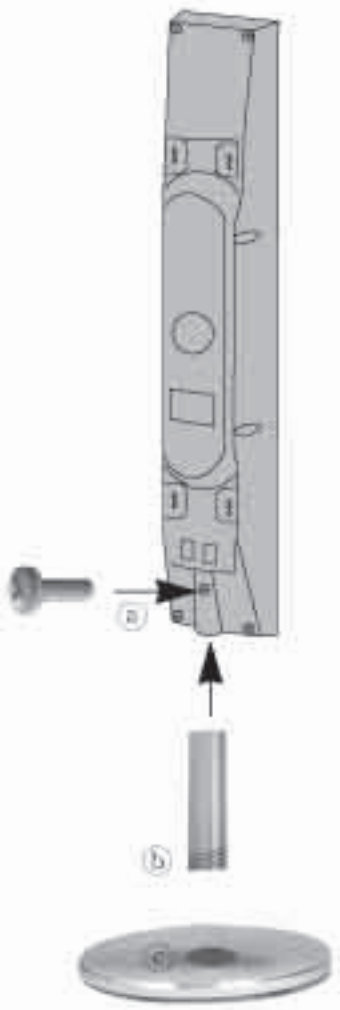
4-3.5×10 Long Bolts
(Attach Supporter Braket to speakers)

8-4×8 Short Bolts (Attach Supporter Braket to Unit)

2-Speaker Wires

30″ Speaker stand Installation(opitional)

Model : VMD30SPK-ST



▶Connected the speaker stand from the speaker Unit as the following :

- spin in the pole(b) to the speaker stand base(c)
- put in the speaker unit
- sctew in the bolt to the hole

Speaker stand Accescories

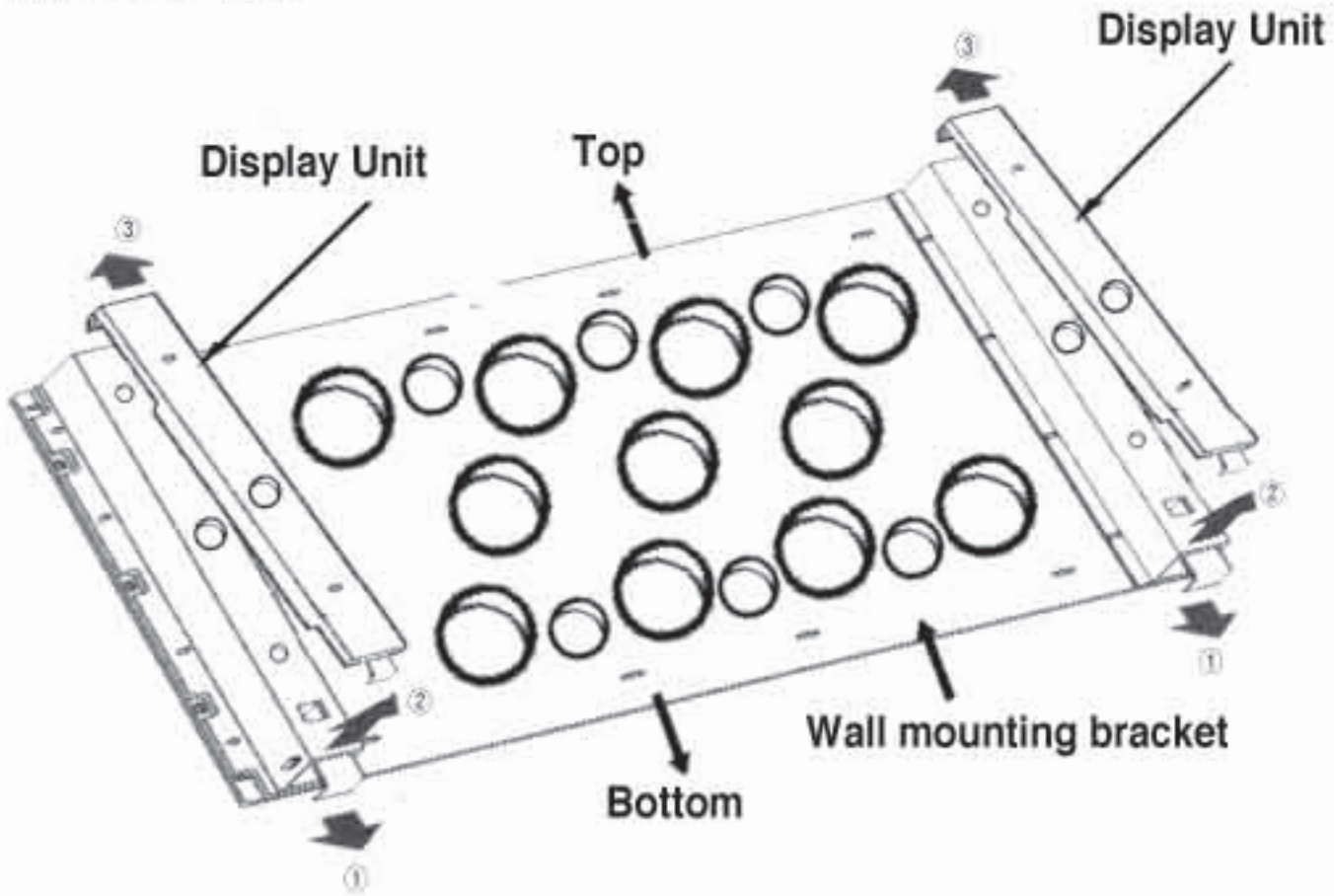
2 × Speaker stand Base

2 × Speaker stand Pole

2-4 × 8 Bolts

Wall mount Installation(Optional)

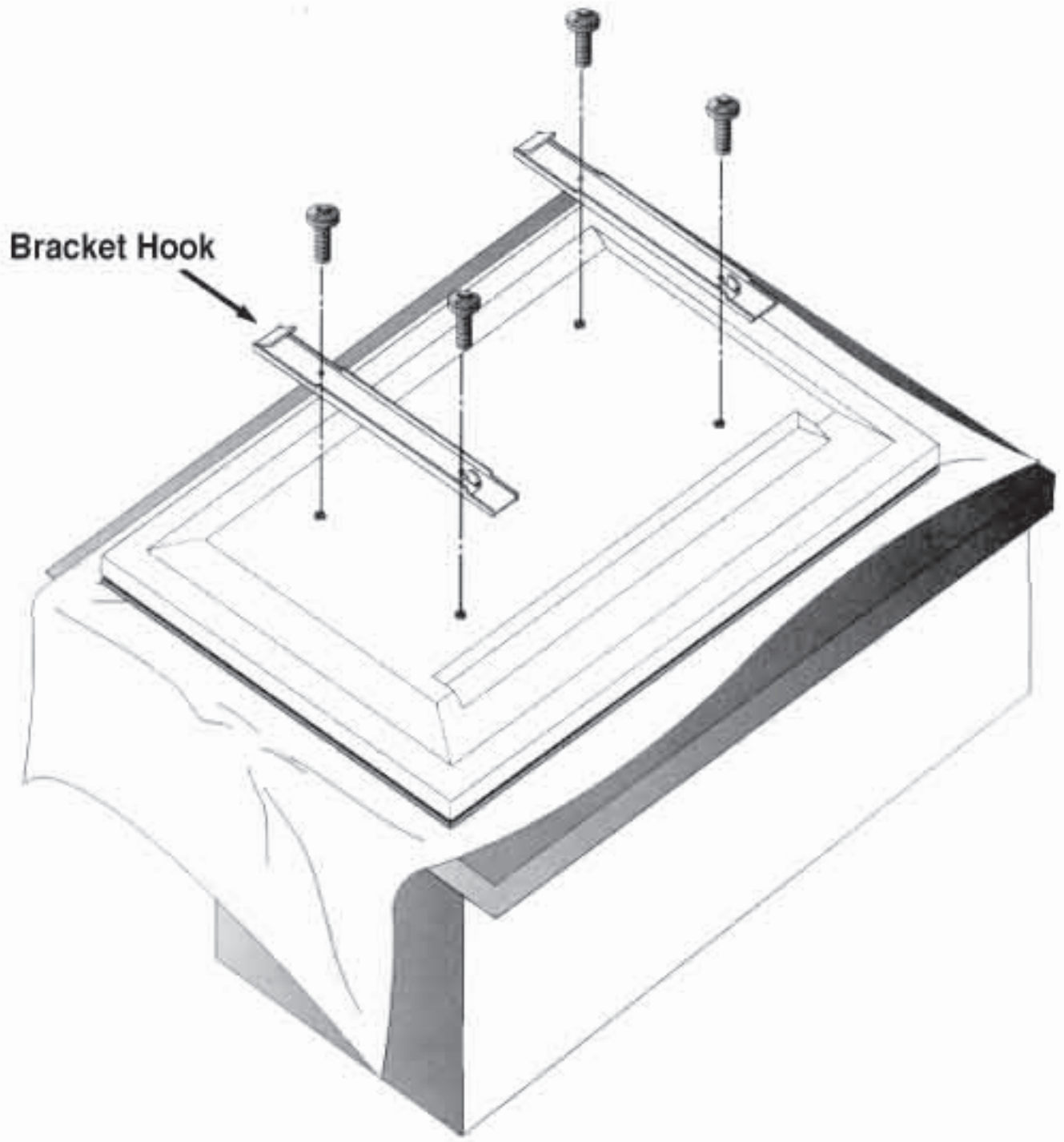
Model : VMD30FWB



▶**Detach the Display Unit bracket Hook from the wall mounting bracket :**

Pull the Unit brackets in the direction shown by arrow 1.
Lift the Unit brackets in the direction shown by arrow 2.
Lift the Unit brackets off the mounting frame in the direction shown by arrow 3.

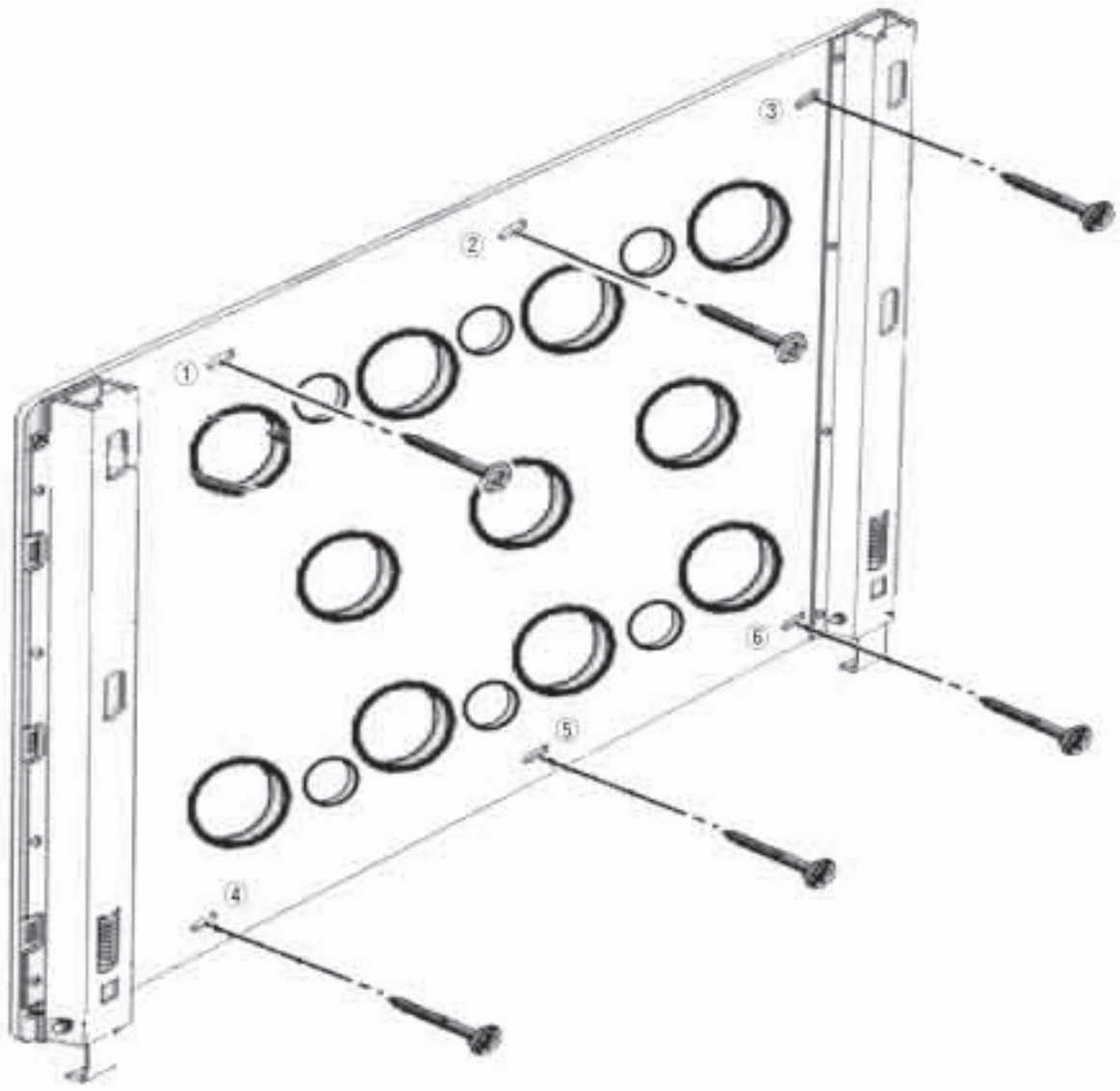
Wall mount Installation(Optional)



▶ AS shown above, carefully place the Display Unit screen side down on a cushioned surface that will protect the Unit and screen from damage.
Insert the Unit brackets on the Display Unit as shown above. Install the 4 bolts securely, in the back of the Unit in the holes provided. Be sure the bracket hooks are at the top side of the Unit.

4-5×10 Short Bolts(for fixing Bracket Hook)

Wall mount Installation(Optional)



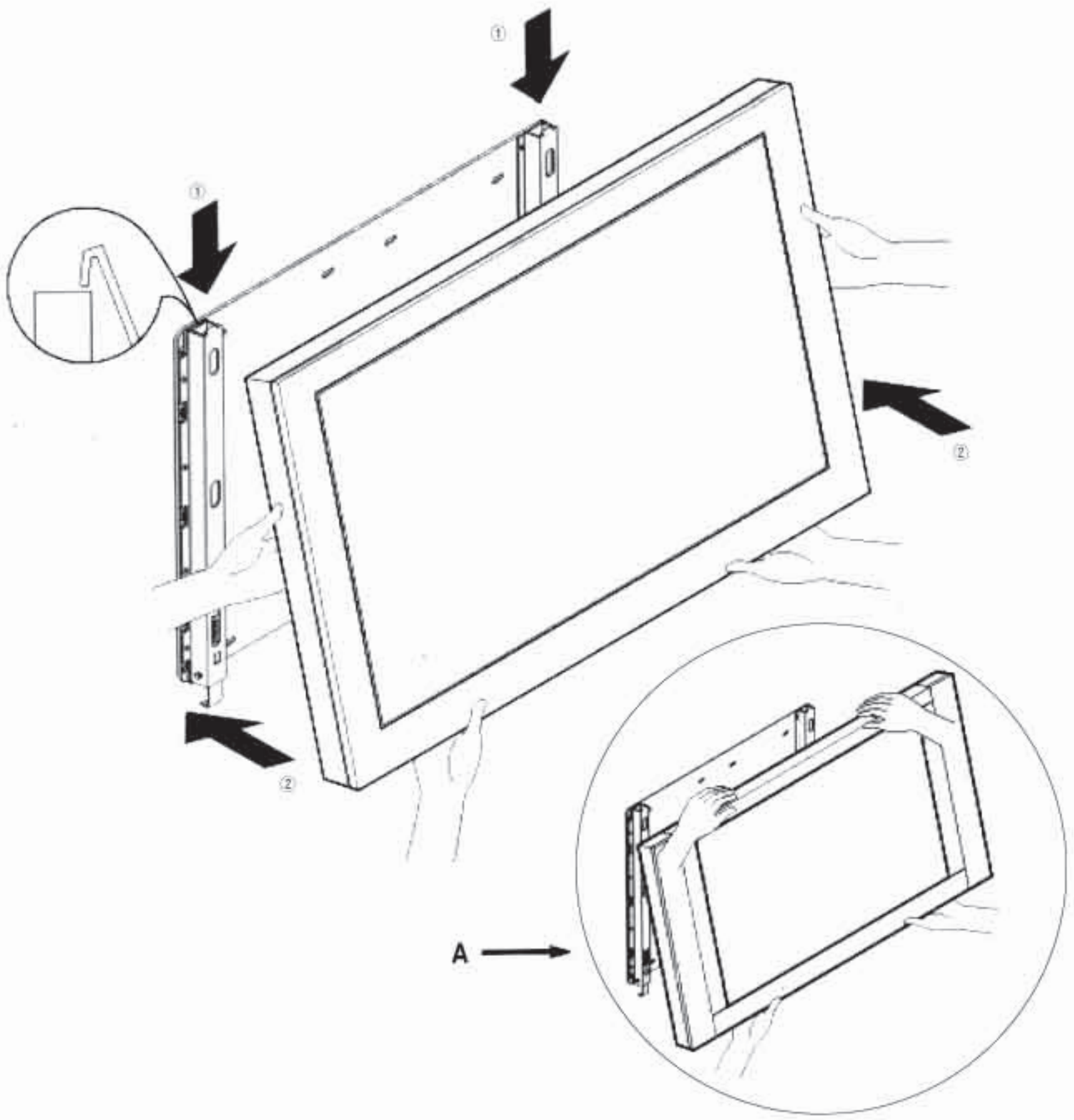
▶ Bolt the Display Unitr wall-mount frame to the wall as shown above using holes 1, 2, 3, 4, 5, 6

6-Bolts for Wall mounting bracket

6-Wall Anchor Bolt Sleeves

▶ **Notice :** Be fixed the wall bracket with using these kinds of parts depending on user's install conditions. These parts are not supplied by manufacturer

Wall mount Installation(Optional)



▶ **See A above, two people who are capable of lifting the weight of the Display Unit should do the following :**
Carefully lift up the Unit and place it in position on the wall mounting bracket securely as shown by arrow 1.
Push the bottom of the Unit toward the wall as shown in arrow 2, so taht the Display Unit will"click" into position onto the wall mountiong bracket.

☛ Caution

Be sure to lift a Display Unit / speakers assembly by the Unit only, do not lift using only the speakers.

Connecting the Power Cord and Switching the TV On / Off

1 Connect the power cord to the 24V DC adapter.

2 Connect the DC adapter for your TV to the power input on the back of your TV.

3 Plug the power cord for the TV into a nearby outlet.

4 Press the **POWER**, **CH** or **INPUT** button on the front panel of your set or press the **POWER(Power)**, **CHANNEL(▲▼)**, **INPUT(INPUT)**, or **Number** (0~9) button on the remote control. The LED lamp will blink and your TV will be turned on.

5 To switch your TV off, press the POWER(Power) button again

Selecting a Picture from External Sources

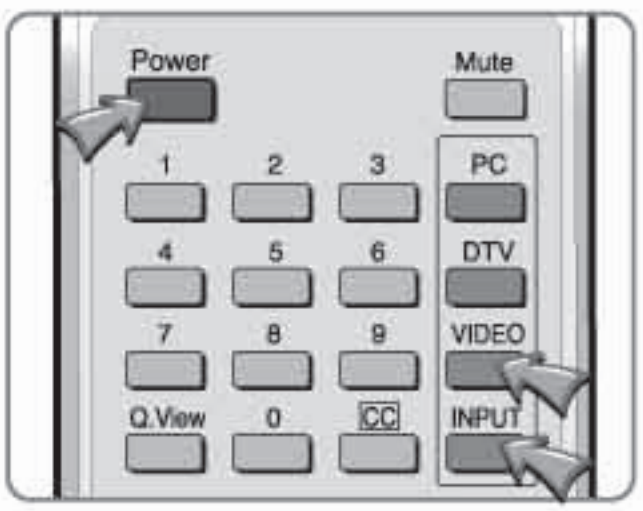
After your various systems (audio and video) have finished, you can view any of the sources by selecting the appropriate external input.

1 Make sure all the necessary connections have been made.

2 Press the **POWER** (Power) button to switch the device on.

3 Select the favorite source by pressing the **INPUT** button one or more times.

- The Input Source (INPUT) is displayed in following order :
  TV → AV1 VIDEO → AV1 S-VHS → AV2 VIDEO → AV2 S-VHS → AV3 VIDEO → DTV → PC → TV
- The Video(VIDEO) is displayed in the following order :
  TV → AV3 VIDEO → AV2 S-VHS → AV2 VIDEO → AV1 S-VHS → AV1 VIDEO →TV



Selecting your Language

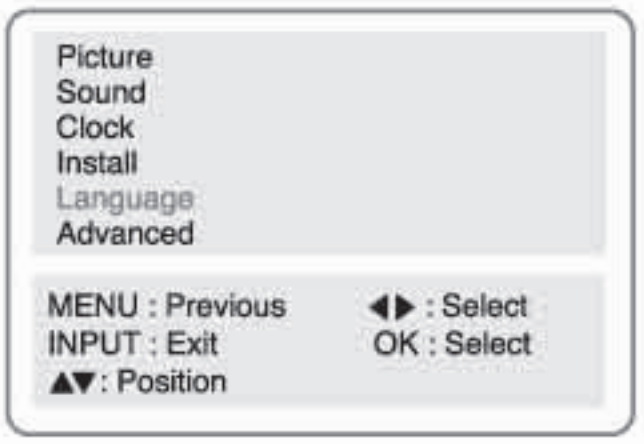
When you start using your TV for the first time, you must select the language in which to display all on-screen menus.

1 Press the **MENU** button.

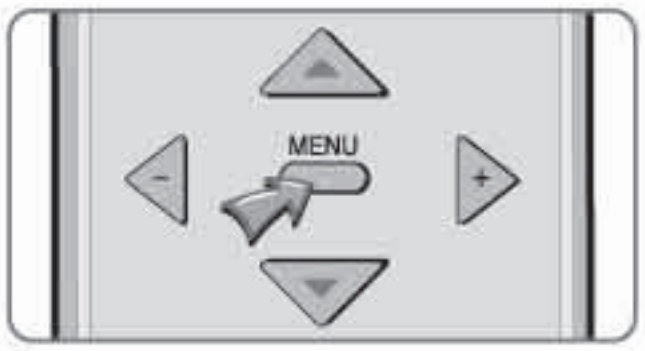
2 Press the (▲▼) button to select the **Language** and then press the **OK** or (▶) button.

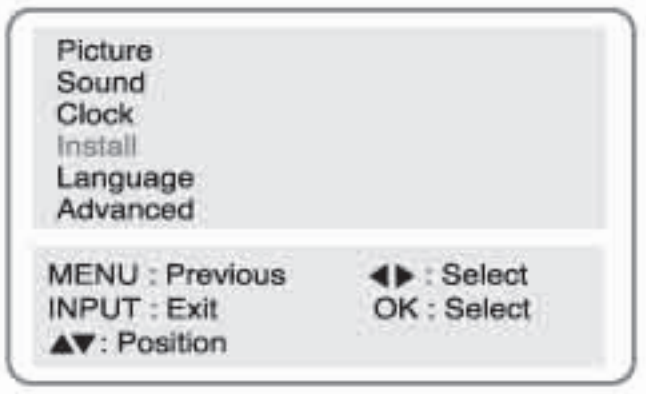
3 Select the appropriate language by pressing the (▲▼) button and then press the **OK** or (▶) button.

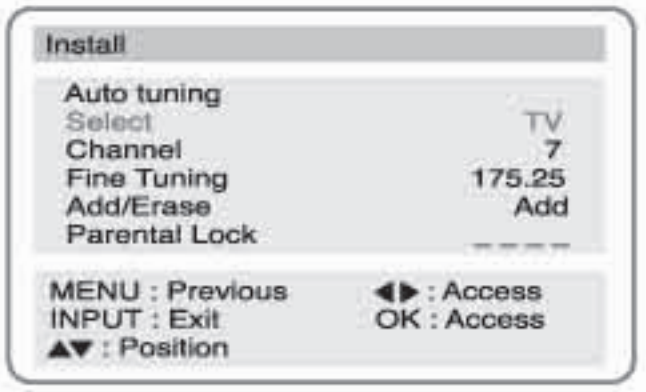
4 Press the **MENU** button to return to the previous menu.

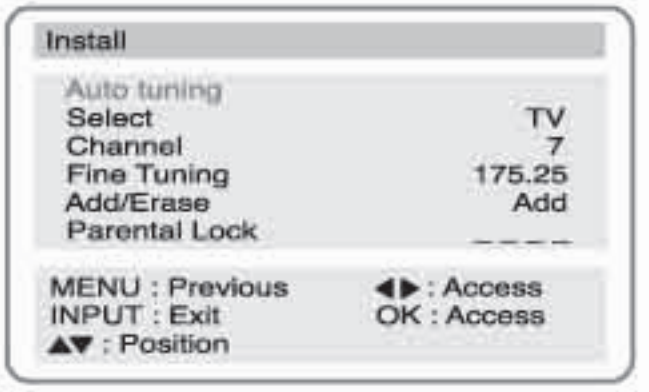


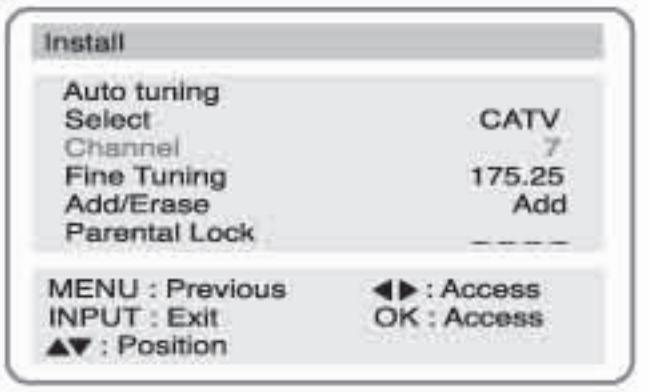
Storing Channels in Memory

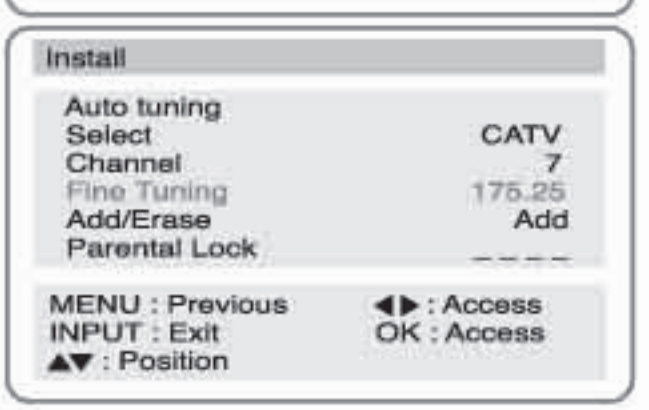


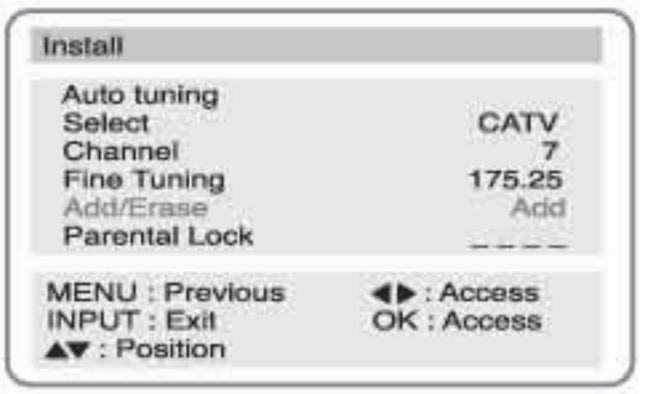












1 Press the **MENU** button.

2 Press the (▲▼)button to select **Install** group and press the (◀▶) or **OK** button.

3 To Select the type of signal source that is connected to the TV.

■ Move to **Select** by pressing (▲▼) button and select **TV** or **CATV** by pressing (◀▶) button.

4 Press the (▲▼) button to select **Auto tuning**, and press the (◀▶)or **OK** button.

■ You can stop the Auto tuning by pressing the **MENU** button during auto tuing.

■ When the Auto tuning is finished, screen will be changed to normal viewing screen automatically.

☞ Use the Auto tuning during a broadcast after connecting the antenna.

5 Press the (▲▼) button to select **Channel** and press the (◀▶) button. The channels will be stored one by one.

6 If you have picture noise on step 3, Press the (▲▼) button to select **Fine Tuning** and press the (◀▶) button to adjust the frequency manually.

7 Add or erase the channels from the channel you scanned.

■ Move to **Channel** by pressing (▲▼) button and select channel by pressing (◀▶) button.

■ Move to **Add/Erase** by pressing (▲▼) button and select **Add** or **Erase** by pressing (◀▶) button.

☞ You can get the same result by pressing the ( ) button on the remote control.

Setting the Parental Lock

1 Press the **MENU** button.

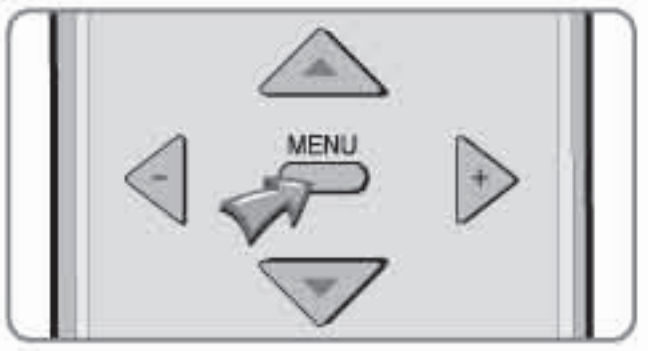
2 Press the (▲▼) button to select the **Install** group and press the (◀▶) or **OK** button.

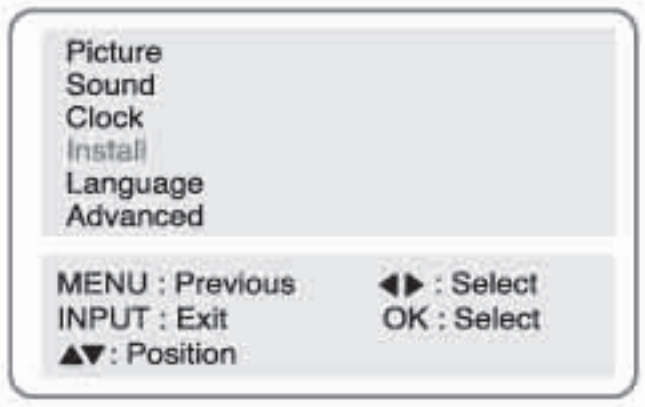
3 Press the (▲▼) button to select the **Parental Lock** and Enter your 4-digit password.

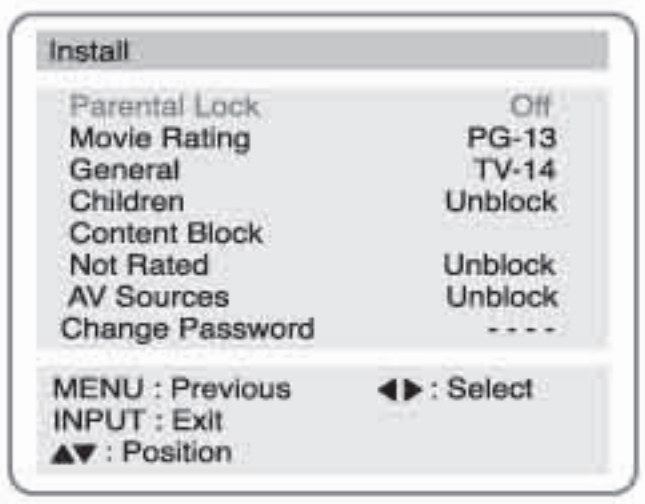
☞ The default password for a new TV set is 0119.

4 Press the (◀▶) button to set **Parental Lock**.
You can select these options in the following order.
Off → **Child** → **Youth** → **Young Adult**→ **Custom**

Off : Parental lock is disabled. All programs are unblocked from viewing.
Child : The permitted Maximum ratings are TV-Y, TV-G, G.
Youth : The permitted Maximum ratings are TV-PG, PG.
Young Adult : The permitted Maximum ratings are TV-14, PG-13.
Custom : Select to set ratings manually.







Setting up restrictions using the MPAA ratings system.

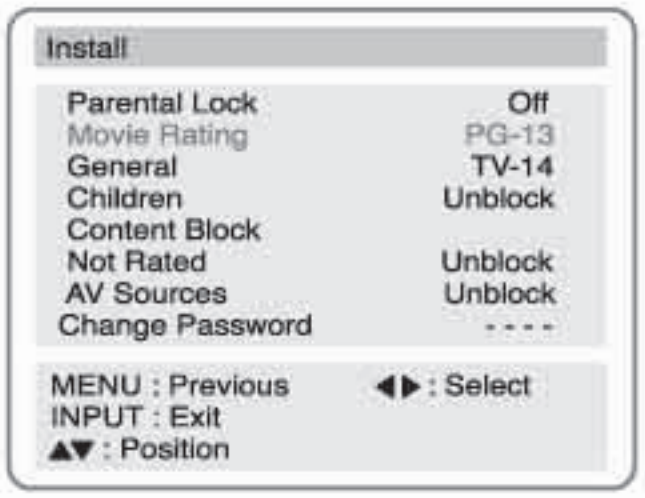
1 Press the **MENU** button.

2 Press the (▲▼) button to select **Install** group and press the (◀▶)or **OK** button.

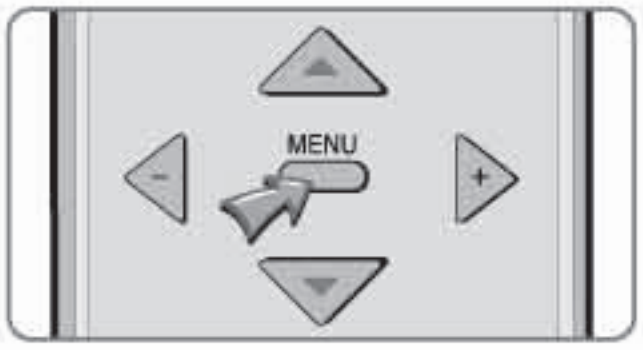
3 Press (▲▼) button to select the **Parental Lock** and Enter your 4-digit password.

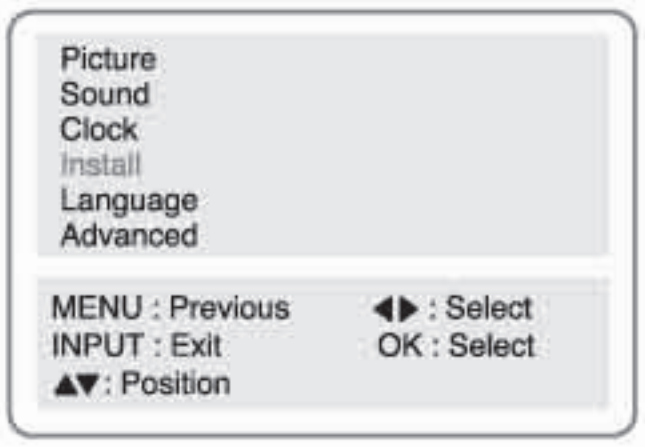
4 Press the (▲▼) button to select the **Movie Rating** and press the (◀▶) button to set the restriction ratings.
You can select these options in the following order.
G → **PG** → **PG-13** → **R** → **NC-17** → **X** → **Unblock**

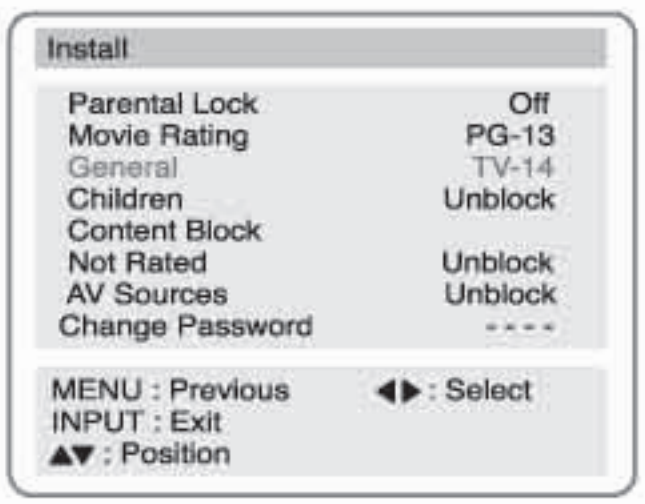
G : All children and General audience.
PG : Parental guidance suggested.
PG-13 : Parental guidance for children under 13.
R : Restricted viewing, parental guidance is suggested for children under 17.
NC-17 : No children under age 17.
X : Adults only.
Unblock : Not rated.

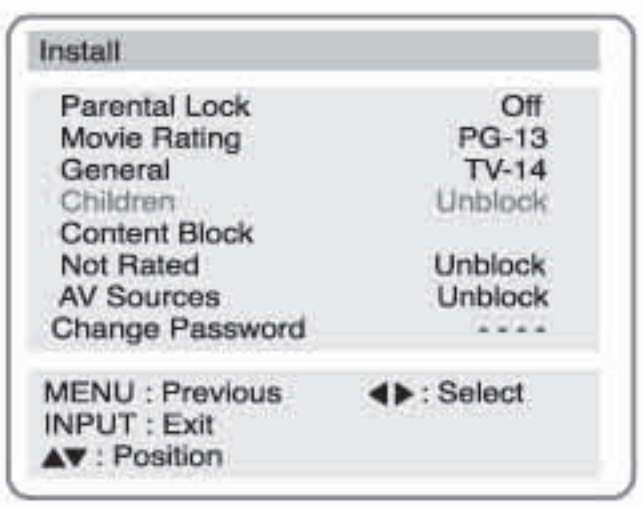


Setting the Parental Lock









Setting up restrictions using the TV guidelines (Age-Based)

1 Press the **MENU** button.

2 Press the (▲▼)button to select **Install** group and press the (◀▶) or **OK** button.

3 Press (▲▼) button to select the **Parental Lock** and Enter your 4-digit password.

4 Press the (▲▼) button to select the **General** and press the (◀▶) button to set the restriction ratings.
You can select these options in the following order.
TV-G → **TV-PG** → **TV-14** → **TV-MA** → **Unblock**

TV-G : General audience.
TV-PG : Parental guidance suggested.
TV-14 : Parents strongly cautioned.
TV-MA : Mature audience.
Unblock : Not rated.

TV Program for Children

1 Press the **MENU** button.

2 Press the (▲▼) button to select **Install** group and press the (◀▶) or **OK** button.

3 Press (▲▼) button to select the **Parental Lock** and Enter your 4-digit password.

4 Press the (▲▼) button to select the **Children** and press the (◀▶) button to set the restriction ratings.
You can select these options in the following order.
TV-Y→ **TV-Y7** → **Unblock**

TV-Y : Young children.
TV-Y7 : Child 7 and over.
Unblock : Not rated.

Setting the Parental Lock

Setting up restrictions using the TV guidelines (Content -Based)

1 Press the **MENU** button.

2 Press the (▲▼) button to select **Install** group and press the (◄►) or **OK** button.

3 Press (▲▼) button to select the **Parental Lock** and Enter your 4-digit password.

4 Press the (▲▼) button to select the **Content Block** and press the (◄►) button.

5 Press the (▲▼) button to select sub-rating mode of content Block.
Press the (◄►) button.

You can select one of the restriction ratings in the each sub-rating mode.

Sub-ratings	Restrictive ratings
F Violence	TV- Y7 → Unblock
Dialogue	TV- PG → TV-14 → Unblock
Language	TV- PG → TV-14 → TV-MA → Unblock
Sex. Scenes	TV- PG → TV-14 → TV-MA → Unblock
Violence	TV- PG → TV-14 → TV-MA → Unblock

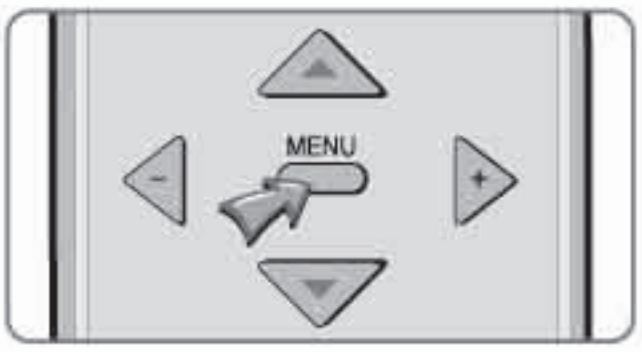
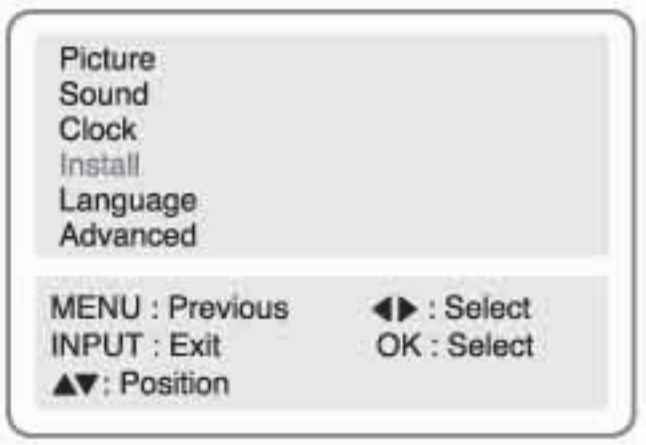
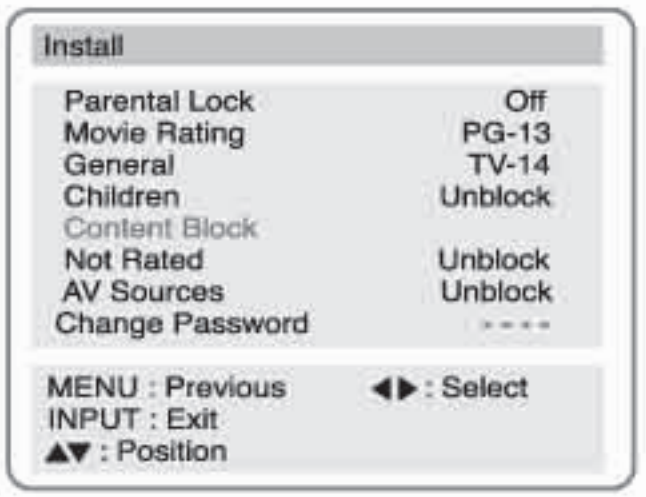
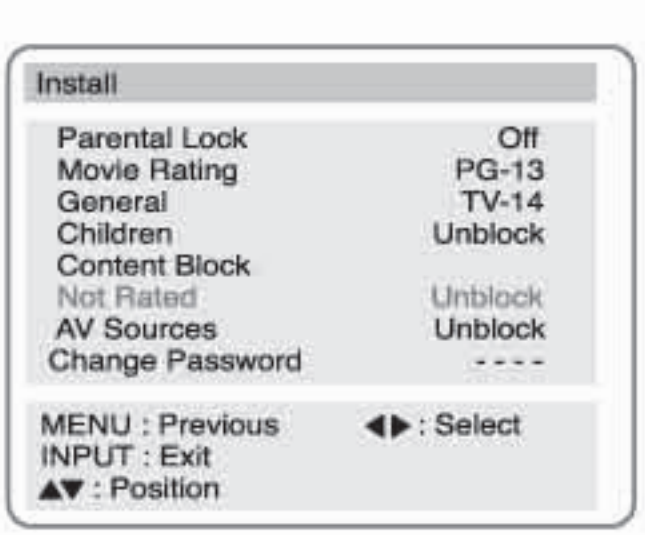
Block/ Unblock of Not rated program

1 Press the **MENU** button.

2 Press the (▲▼) button to select **Install** group and press the (◄►)or **OK** button.

3 Press (▲▼) button to select the **Parental Lock** and Enter your 4-digit password.

4 Press the (▲▼) button to select the **Not rated** and press the (◄►) button to set Block/ Unblock.

Block : When TV signal or movies display without restriction ratings, TV or Movies signal will be blocked, and a blank screen will be displayed.

Unblock : When TV signal or movies display without restriction ratings, All signals will be unblocked, and you can view any other program