

**DYNEX**

# USER'S MANUAL

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Before using the TV, please read this manual thoroughly, and retain it for future reference.



English  
French  
Spanish

**DX-L40-10A**

## CHILD SAFETY

It makes a difference how and where you use  
your flat panel display

As you enjoy your new product, keep these  
safety tips in mind

### The issue

The home theater entertainment experience is a growing trend, and larger TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making home entertainment enjoyable and safe.

*TVs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.*

### Tune into safety

- One size of TV stand does not fit all. Use only a TV stand rated for the weight of your TV.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children to climb on or play with entertainment system furniture and TVs.
- Don't place TVs on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" TV. Make sure that you place or install the TV where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.



### Wall mounting

If you decide to wall mount your TV, always:


- One size of wall mount does not fit all. Use only a wall mount rated for the weight of your TV and that has been recommended by this TV manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your TV.
- Follow all instructions supplied by the TV and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your TV, get help from a professional installer.
- Make sure that the wall where you are mounting the TV is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.




- TVs can be heavy. At least two people are required for safe wall mount installation.

## Important safety instructions

|   |   |  |
|---|---|--|
|  | <b>CAUTION<br/>RISK OF ELECTRIC SHOCK<br/>DO NOT OPEN</b> |  |
|---|---|--|

|   |   |
|---|---|
|  | This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your TV. This label is located on the back of your TV. |
|---|---|

|   |   |
|---|---|
|  | This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your TV. |
|---|---|

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



15. The mains plug is the disconnecting device. The plug must remain readily operable.
16. The apparatus with grounding-type plug is a class I apparatus. Class I apparatus need to be connected to earth ground wire to prevent possible electric shock. Make sure that you connect the class I apparatus to a mains socket outlet with a protective earthing connection.
17. Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.

## Warnings

### Electric shock hazard

To reduce the risk of electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

### Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

### Power lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

### Handling the LCD panel

- Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

### Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

### Safety check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV is in correct operating condition.

### **Power source**

Operate your TV only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

### **Cautions**

#### **Damage requiring service**

Unplug this TV from the power outlet and refer servicing to qualified service personnel under the following conditions:

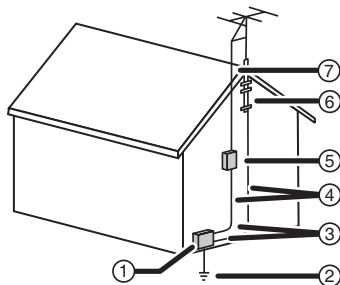
- When the power supply cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into your TV.
- If your TV has been exposed to rain or water.
- If your TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV to its normal operation.
- If your TV has been dropped or damaged in any way.
- When your TV exhibits a distinct change in performance.

### **Attachments**

Use only attachments recommended by Insignia.

### **Outdoor antenna grounding**

If an outside antenna or cable system is connected to your TV, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



|   |  |
|---|--|
| 1 | Electric service equipment               |
| 2 | Power service grounding electrode system |
| 3 | Ground clamps                            |
| 4 | Grounding conductors                     |
| 5 | Antenna discharge unit                   |
| 6 | Grounding clamp                          |
| 7 | Antenna lead-in wire                     |

**Note to CATV system installer**

Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

**Condensation**

Moisture will form on the TV if the TV is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV's performance may be impaired. To prevent this, let the TV stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually.

Condensation may also form during the summer if the TV is exposed to the breeze from an air conditioner. In such cases, change the location of the TV.

**Mobile telephone warning**

To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV.

**End of life directives**

Your TV contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at [www.eia.org](http://www.eia.org) to find a recycler in your area.

**Non-active pixels**

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few nonactive pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

# **Federal Communications Commission Statement**

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## **NOTE**

The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority.

## **NOTE**

This equipment has been tested and found to comply with the limits for 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 or relocate the receiving antenna.
2. Increase the separation between the equipment and the 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.

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**SAFETY CLASS :**This is an IEC safety class I product and it must be grounded for safety.



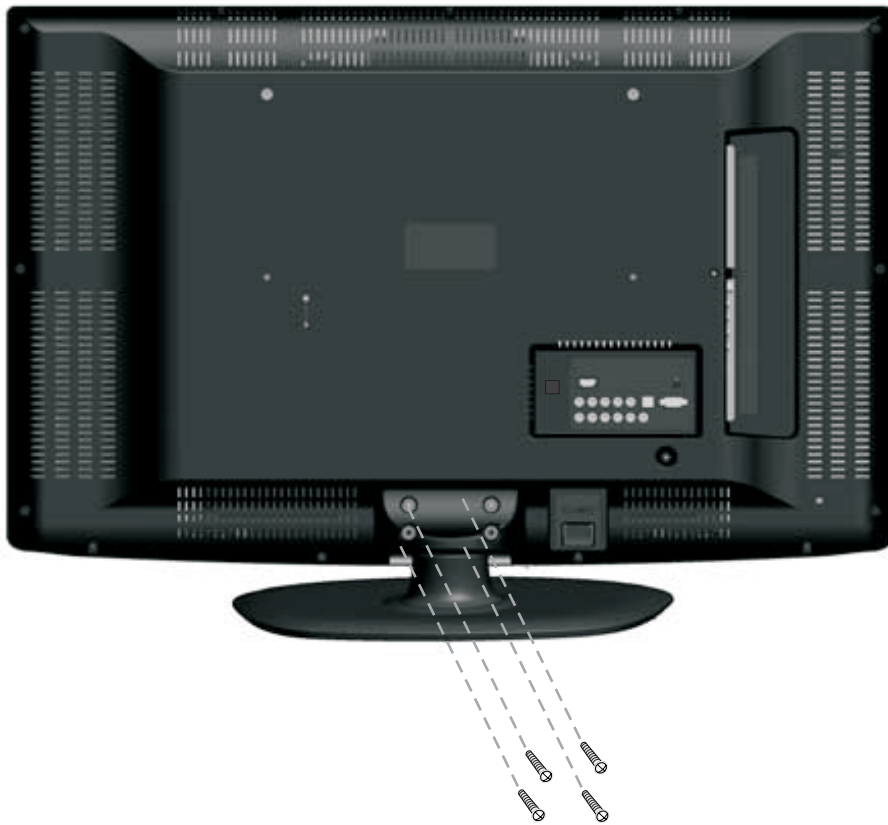
# Preparation for using your new TV

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## Base installation instruction

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1. Lay a cloth or other soft material that can afford adequate weight on a flat table to avoid damage to the LCD screen.
2. Put the TV back upward and the LCD screen downward and keep it flat on the table-board.
3. Take out the base and insert it into the installing slot in the lower part of the TV in the arrow direction as illustrated in the figure.
4. Fasten the base and the TV set together with the 4 screws provided.



# Preparation for using your new TV

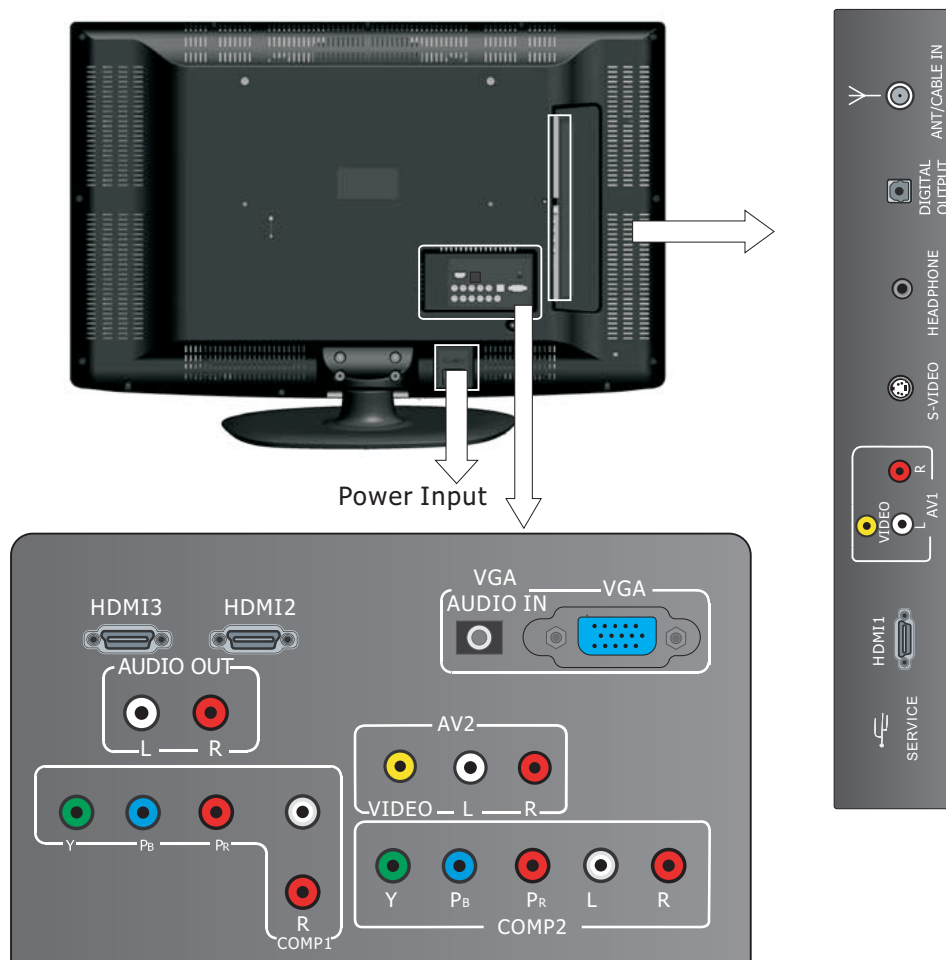
## Learning about your TV

You can operate your TV via the buttons in the front cabinet or the remote control. The terminals in the back cabinet provide all the connections from other equipments to your TV.

### View the front connection panel



### View the back connection panel



# Preparation for using your new TV

## Selecting a location for the TV

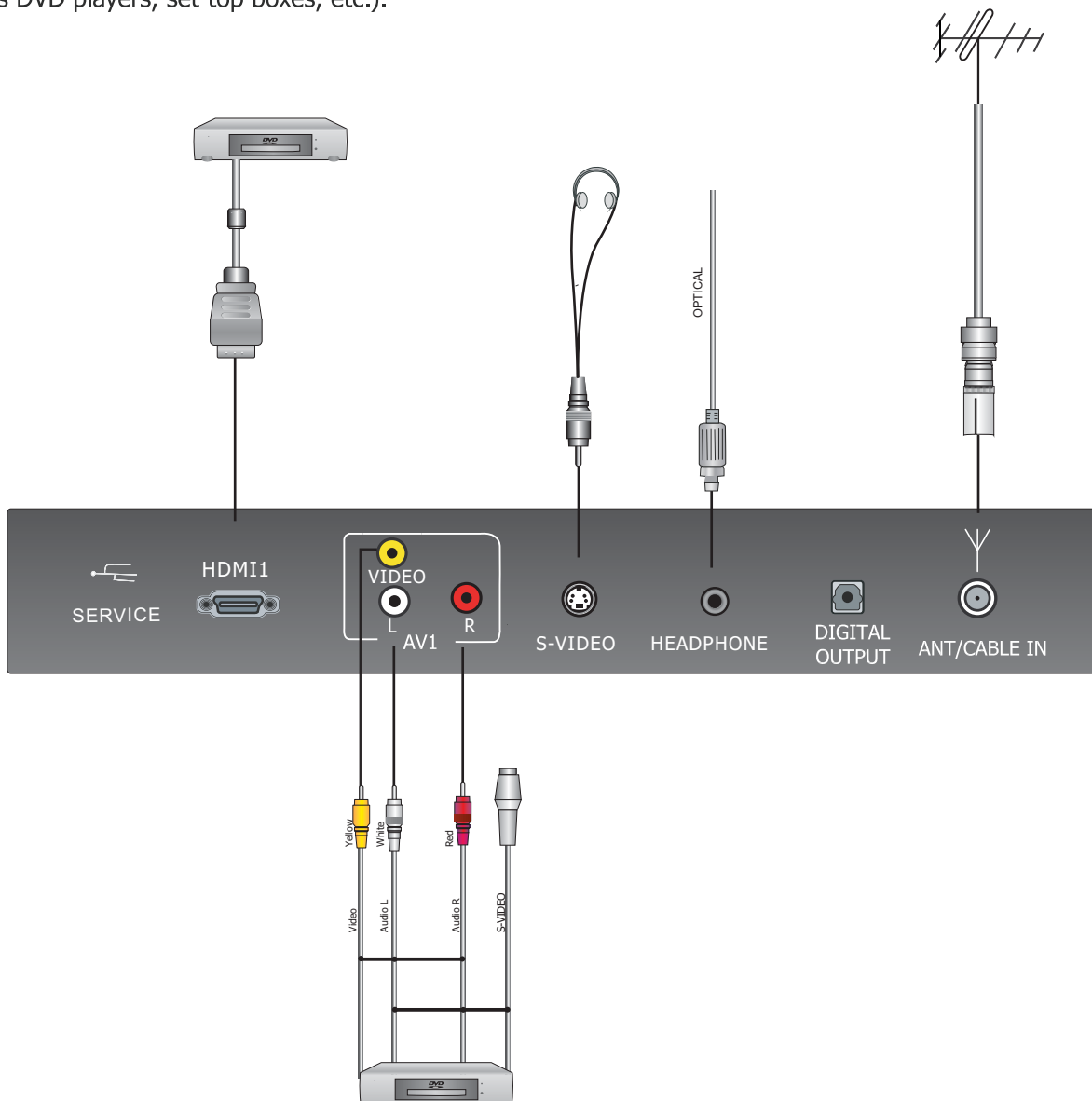
1. Place the TV on an open bench in a location where light does not directly hit the screen.
2. Place the TV far enough from the walls to allow proper ventilation. Inadequate ventilation may cause overheating, which may damage the TV.

**NOTE:** Please contact a local dealer for wall mounting.

## Connection to other devices

### The side panel connection

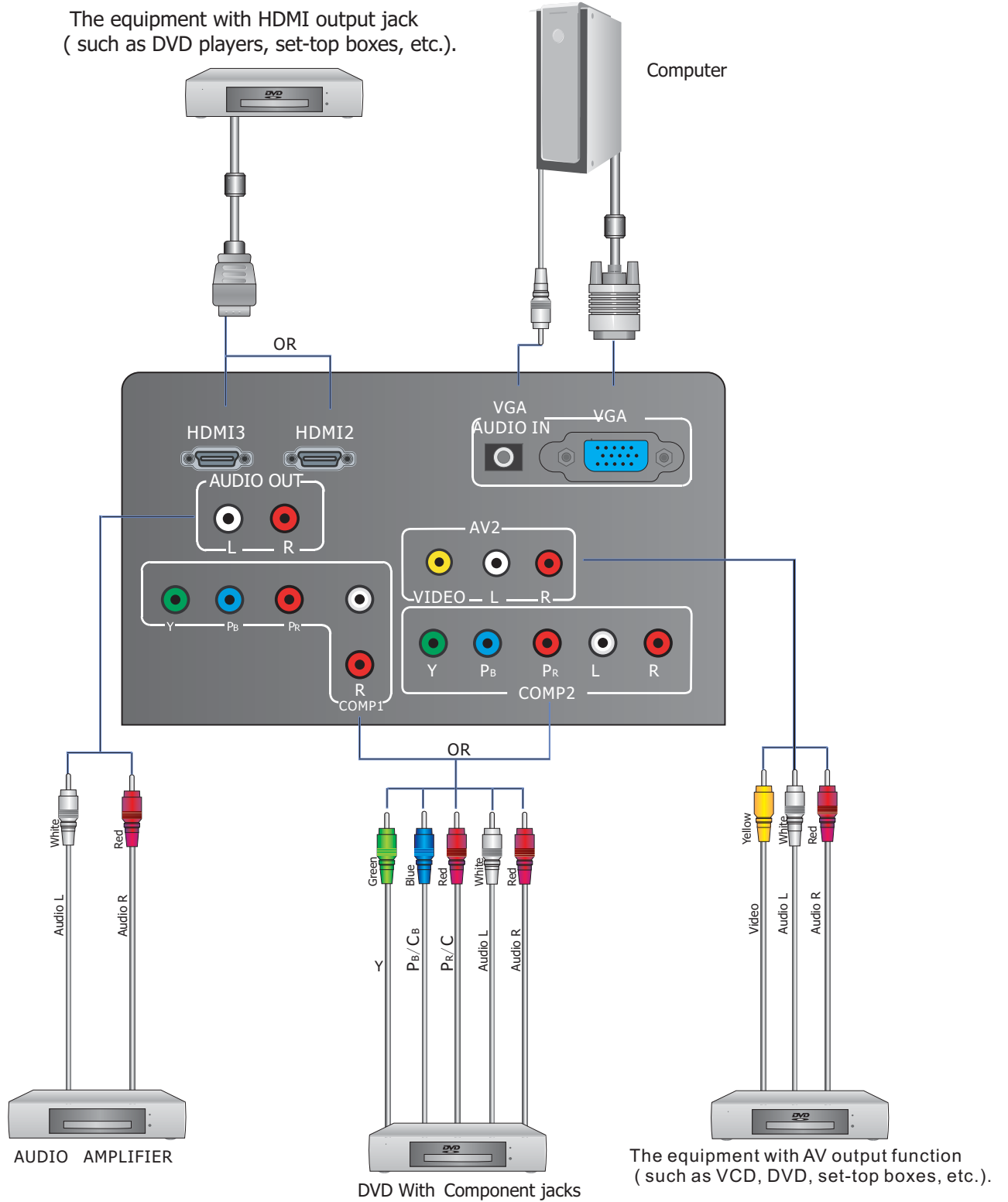
The equipment with HDMI output jack  
(such as DVD players, set-top boxes, etc.).



The equipment with AV or S-Video output function  
(such as VCD, DVD, set-top boxes, etc.).

# Preparation for using your new TV

## The back panel connection



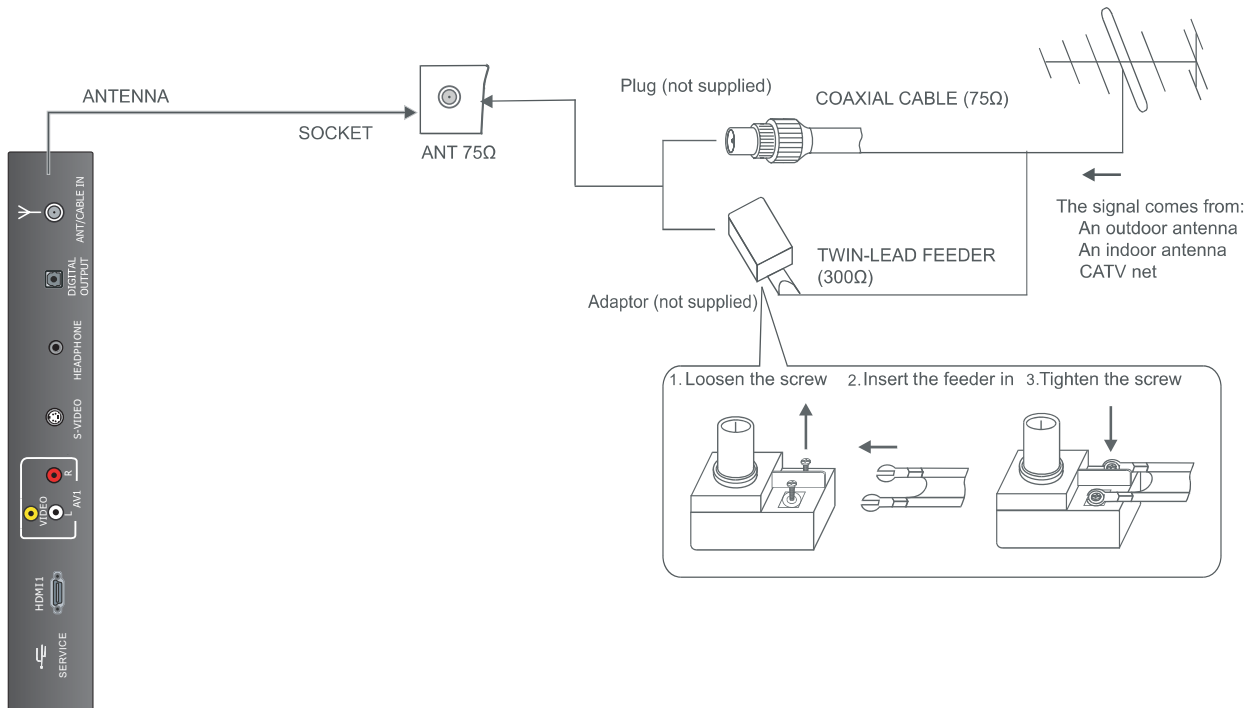
# Preparation for using your new TV

## Connecting your TV

Caution: Do not plug in the TV until you have finished connecting all of your equipments.

### Connecting to an antenna

To enjoy the television program transmitted by your local TV station, you need an indoor or outdoor antenna (not supplied). An outdoor antenna is necessary for a perfect picture quality. If you are a subscriber of your local CATV net, the outdoor or indoor antenna is not needed. Connect the equipments as shown below.



### Connecting to A/V equipments

To enjoy the multimedia features, you can connect your TV to A/V equipments such as VCD, DVD, STB, Satellite receiver, Camcorder, Audio amplifier etc., and select signal source using your remote control. Connect RCA audio cables to "R -AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the A/V device.

**NOTE:** 1. Headphones are not included.

2. No sound will be heard from the main unit speakers when a headphone mini-plug is connected into the headphone jack.

### Service jack-USB

Connector for service only (do not connect any equipment here).

### Connecting component devices (DVD/PVR)

Connect Component video and audio cables to Component inputs ("PR/CR", "PB/CB", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the PVR or DVD.

# Preparation for using your new TV

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The Y, PB/CB and PR/CR” connectors on your component devices (PVR or DVD) are sometimes labeled Y, B-Y and R-Y or Y, CB and CR (Colors for inputs and cables must correspond to both devices).

NOTE: Some devices such as a PVR or DVD players require ‘Component/YPBPR’ signal to be set via output in the devices settings. Please consult your device user manual for instructions.

## Connecting HDMI

Supports digital connections between HDMI - enabled AV devices such as (PVRs, DVD, BluRay, HDDVD, AV receivers and digital devices). No sound connection is needed for an HDMI to HDMI connection.

NOTE: Some devices such as a PVR or DVD players require a HDMI signal to be set via the output in the devices’ settings. Please consult your device user manual for instructions.

What is HDMI?

HDMI, or high-definition multimedia interface, is a next-generation interface that enables the transmission of digital audio and video signals using a single cable without compression.

“Multimedia interface” is a more accurate name for it especially because it allows multiple channels of digital audio (5.1 channels).The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi - channel digital audio.

Use the HDMI terminal for HDMI connection to a compatible device.

If your external device has DVI only, you should use a DVI-to-HDMI cable( or adapter) for the connection, and the “R -AUDIO-L” terminal on DVI for sound output.

## Connecting computer

Connect the D- Sub cable to “VGA (VGA IN)” on the rear of your set and the other end to the Video Card of your computer.

Connect the stereo audio cable to “VGA AUDIO IN” on the rear of your set and the other end to “Audio Out” of the sound card on your computer.

This device may not be compatible with all PC video/graphic cards.

## Connecting audio

Connect RCA audio cables to “R -AUDIO - L” on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theater.

# Preparation for using your new TV

## Connecting to a cable converter box

This television has an extended tuning range and can tune most cable channels without using a cable converter box. Some cable companies offer premium pay channels in which the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device which is generally provided by the cable company.

- **For subscribers to basic cable TV service**

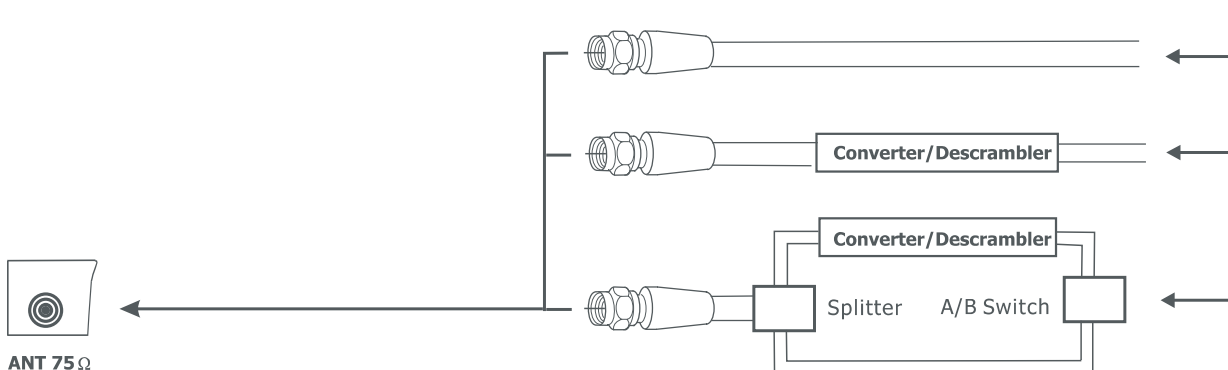
For basic cable service not requiring a Converter/Descrambler box, connect the CATV 75 ohm Coaxial Cable directly into the Antenna Jack on the back of the television.

- **For subscribers to scrambled cable TV service**

If you subscribe to a cable service which requires the use of a Converter/Descrambler box, connect the incoming cable to the Converter/Descrambler box and connect the output of the box to the Antenna Jack on the back of the television. Follow the connections as shown below. Set the television to the output of the Converter/Descrambler box (usually channel 3 or 4) and use the Converter/Descrambler box to select channels.

- **For subscribers to unscrambled basic cable with scrambled premium channels**

If you subscribe to a cable service in which basic cable channels are unscrambled and premium channels require the use of a Converter/Descrambled box, you may wish to use a two-set signal splitter (sometimes referred to as a two-set coupler) and an A/B Switch box from the cable installer or an electronics supply store. Follow the connections shown below. With the switch in the B position, you can directly tune any unscrambled channels on your TV. With the switch in the A position, you can tune your TV to the output of the Converter/Descrambler box (usually channel 3 or 4) and use the box to tune scrambled channels.



**Note:**

When you use a converter box with your TV, there may be features that you cannot program when using the remote control.