

Skyworth

LED HDTV/DVD COMBO USER'S MANUAL

MODEL

SLC-2278A-3TG

SKYWORTH ELECTRONICS, INC.
1312 John Reed Court
City of Industry, CA 91745
Phone: (626) 336-3698
Fax: (626) 336-3238
Email: skyworthsales@verizon.net

USER'S MANUAL

Safety Information

IMPORTANT SAFETY INSTRUCTIONS

Read these instructions.
Keep these instructions.
Heed all warnings.
Follow all instructions.
Do not use this apparatus near water.
Clean only with dry cloth.
Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
Only use attachments/accessories specified by the manufacturer.
Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



Unplug the apparatus during lightning storms or when unused for long periods of time. Refer all servicing to qualified 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 has been exposed to rain or moisture, does not operate normally, or has been dropped.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING : To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.

WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.



- This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

- Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Apparatus with class I construction shall be connected to a mains socket outlet with a protective earthing connection.

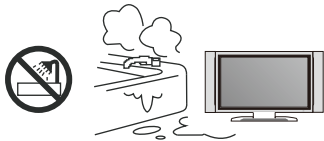
Important Safety Precautions

Safety

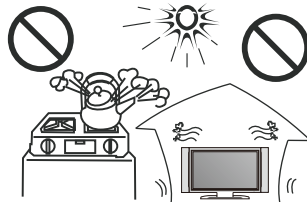
Please, immediately pull out the AC power plug from adapter if there is an abnormal sound or smell or the LED TV has sound but no picture, and contact after sales support.



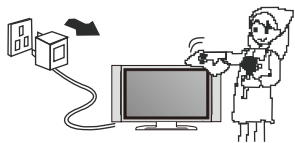
The LED TV should be kept free from rain, moisture and dust to prevent electrical shock and short circuits. Do not cover the ventilation openings with table clothes, curtains, newspapers, etc.



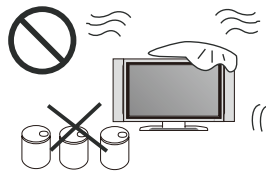
The LED TV should be kept from high temperature heating sources or direct sunlight. Good ventilation is required. Allow 10 cm. between the LED TV and other appliances or built-in cabinet walls.



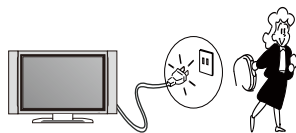
When you wipe the front cabinet, please make sure the power plug is pulled out and use a soft, dry, lint-free cloth and handle it with care. Do not repeatedly wipe the panel, nor scrape, tap or strike the panel with a hard object.



Do not wipe the LED TV with any petrol, chemical or alcohol based solvents as it will lead to product damage of the panel and cabinet.

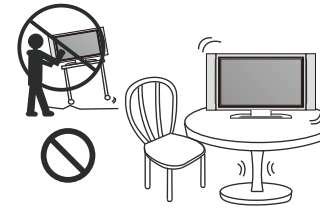


When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



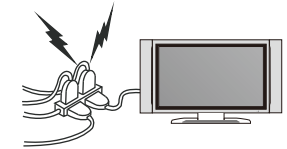
Important Safety Precautions

Safety



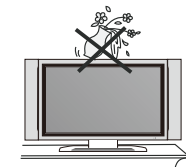
Do not place the LED TV on an unstable surface.

Do not place the power cord or other cables across a walkway in case it is trampled on. Do not overload the power cord or power socket. When the power plug is used to disconnect and connect the device, it should easily go into the power source.



Do not disassemble the back cover, as it contains high voltages inside and will cause electric shock. Only qualified professionals should conduct internal adjustments, maintenance, and checks.

The TV set should not be subjected to water droplets, vapor, or splash. This equipment should not be placed on objects filled with liquids. Do not place flame sources, such as lit candles, on or near the LED TV. Please, pull out the power plug and contact after sales support if there are abnormal objects or water in the TV.



Pull out the power cord and antenna cable during electrical storms so the LED TV is not damaged by electrical surges. Keep all people away from the antenna cable during electrical storms.

Table of Contents

Introduction

Features	3
Accessories	3
Specifications	4

General Description

Overview of front and side panel	5
Base bracket guide	6
Overview of back panel	7
Overview of remote control	8
Installing Batteries in the Remote Control	10

Antenna connection

External Connection

Connecting VCR	11
Connecting DVD Player/Set-Top Box	12
Connecting Digital Audio System	13
Connecting DVD Player/Set-Top Box via HDMI	14
Connecting PC	15

Supporting signals

Basic operation

Turning the TV On and Off	16
---------------------------------	----

Table of Contents

Menu system introduction

BASIC OPERATION

Picture	17-18
Sound	19
Time	20
Setup	21
Lock	22-26
Channel	26-27

DVD Setup Menu	28
----------------------	----

DVD OPERATION	29
---------------------	----

Troubleshooting	30
-----------------------	----

Picture defects and the reason	31
--------------------------------------	----

Android TV	32
------------------	----

Remote Control	33
----------------------	----

Remote Control APP	34
--------------------------	----

FAQ's	35
-------------	----

Warning	35
---------------	----

Noxious Substance	36
-------------------------	----

Specifications	37
----------------------	----

Introduction

Features

Input terminals used for external equipment connection

One Computer VGA/PC input	One PC Audio input
One AV input	One HDMI input
One EARPHONE output	One Service input (Factory use only)
One ANTENNA input	One YPbPr input
One COAXIAL output	One L/R Audio output

Accessories

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



Remote Control



Instructions Manual



Quick Setup Guide



Car charger cable



Adapter



Power Cord

Introduction

Specifications

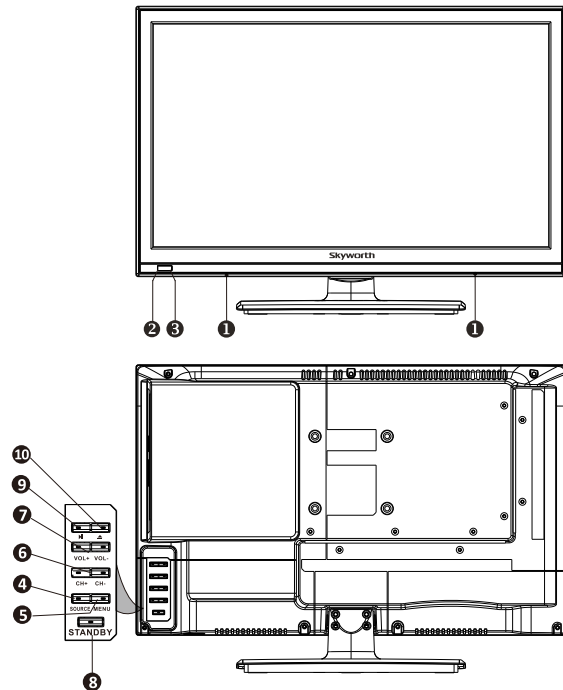
Model	SLC-2278A-3TG
Display Size	21.5"
Display Screen Type	LED
Power adaptor	DC 12V \equiv 4A
The maximum resolution	1920X1080
Power Consumption(Max)	32W
Sound output(Max)	2 x 5W
Image control	Fine digital control
Display screen type	Color active matrix LED display
TV receive system	NTSC System, ATSC System
Frequency range	Antenna: 2~69; Cable: 1~135 (Analog: 1-125, Digital: 1-135)
Video IN	NTSC3.58
Antenna input impedance	75 Ω (Unbalance)
Dimensions (LXWXH)	20 $\frac{1}{5}$ Lx6 $\frac{2}{5}$ Wx14 $\frac{1}{10}$ H
Wall mount	VESA 100
Weight (Net weight)	7.24lbs
Operation environment temperature	0 $^{\circ}$ C-40 $^{\circ}$ C








Remarks:

The above listed specifications and data are subject to change without prior notice.

General Description

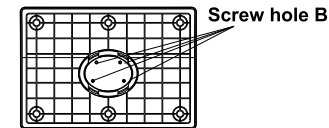
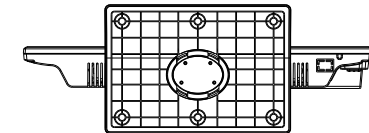
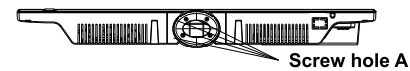
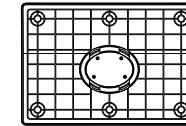
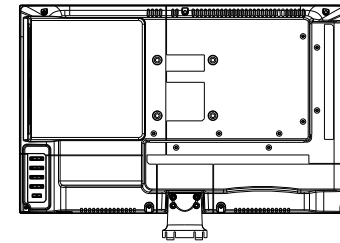
Overview of front and side panel



- | | |
|--|---|
| <p>1 SPEAKER</p> <p>2 POWER INDICATOR
Green: In power on mode.
Red: In standby mode.</p> <p>3 REMOTE CONTROL SENSOR</p> <p>4 SOURCE
Change and select the desired mode (TV, AV, Component, DVD, HDMI, PC USB)</p> <p>5 MENU
Press to see an on-screen menu of your TV's features.</p> <p>6 CH+/-
Press to change channels.</p> | <p>In the on-screen menu, use the CH +/- buttons as up/down arrow buttons.</p> <p>7 VOL+/-
Press to increase or decrease the volume. In the on-screen menu, use the VOL +/- buttons as left/right arrow buttons.</p> <p>8 POWER ( /STANDBY)
Press this button to turn the TV on or off.</p> <p>9 
After you load a disc, press  to play the disc, and press  twice to pause.</p> <p>10 
Press the  button when the power is on the disc will eject, Press the  button again to load the disc automatically.</p> |
|--|---|

Introduction

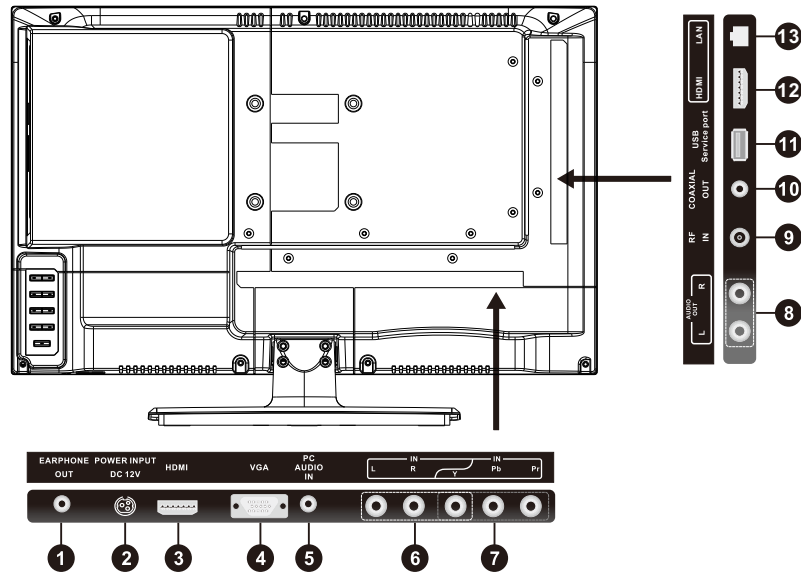
Base bracket guide



- Instruction:**
1. Place the TV unit on a flat and clean table.
 2. Fix stand by 4 pcs screws via screw hole B and A.

General Description

Overview of back panel



1. EARPHONE

Connect a set of phone for private listening

2. POWER(DC 12V) input

3. HDMI

Connect a device with a HDMI output.

4. VGA/PC IN

Connect to your PC.

5. PC AUDIO

Audio input for external devices

6. COMPOSITE VIDEO

Video input for external devices, such as a camcorder or VCR.

7. COMPONENT

Connect Component video.

8. L/R AUDIO output

Audio outputs for external devices.

9. RF

Connect to an antenna or cable NTSC & ATSC.

10. COAXIAL

Connect to a Digital Audio devices.

11. USB Service port .

12. HDMI

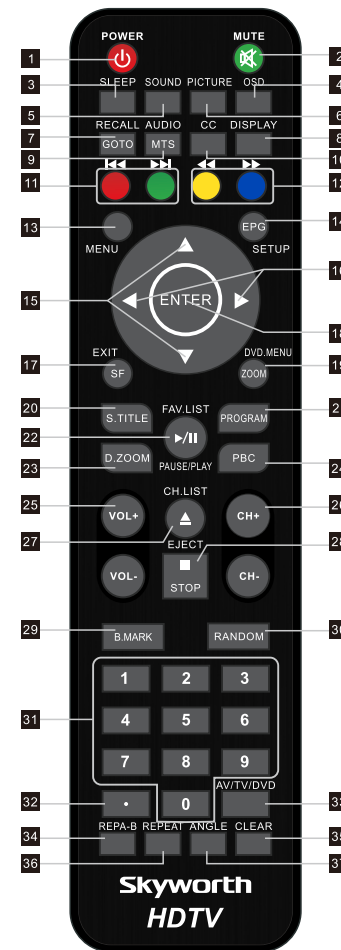
Connect a device with a HDMI output.

13. LAN

Connect a device with a LAN output.

General Description

Overview of remote control



1. POWER Button()

Press this button to turn the TV on or into standby mode.

2. MUTE Button

Press this button to mute the sound.

3. SLEEP Button

Press this button to set the sleep timer.

The sleep timer values are: off.5.10.15.30.45.60.90.120.180.240 minutes.

4.OSD Button

Press this button once to show main playback information on TV screen and press it again to show playback time.

Press this button at the fifth time and then the display will be cancelled.

5.SOUND Button

Press this button to select desired sound mode.

6.PICTURE Button

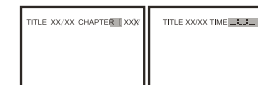
Press this button to select desired picture mode.

7.RECALL Button

This button is used to return to the previous channel.

GO TO Button

Press this button to go to desired position the player provides 3 search mode



[DVD only] [DVD only]



[DVD only] [CD]



[CD]

When the above items are showed on LED screen, you can input numbers to locate desired sector, then press PLAY to commence play.

The number you input is invalid if it is beyond the track's capacity.

8. DISPLAY Button

Press this button to display the information on current input.

9. AUDIO Button

When play DVD to press this button, you can change the audio language from the one selected at the initial settings to a different language, if available.

MTS Button

When stereo program is received, press this button to switch sound system between mono and stereo.

When SAP program is received, press this button to switch sound system between mono and SAP. When stereo and SAP program is received, press this button to switch among mono, stereo and SAP.

10. CC Button

Press to turn ON/OFF closed captions.

General Description

Overview of remote control

11. PREV/NEXT Button (◀ / ▶)

Press these buttons to go to the previous/next chapter(DVD) When playing CD disc, press (◀) button twice to select previous song.

12. FR/FF Button(◀ /▶)

These button allow skipping ahead/back at 5-level speeds, Press PLAY button to return to normal playback.

13. MEUN Button

Press this button to enter the menu mode for various optional adjustable settings or quit from current menu.

14. ELECTRONIC PROGRAM GUIDE(EPG)Button

Press this button to call up the Electronic Program Guide.

SETUP Button

Press this button to get the setup menu you can select the setting as you like.

15. UP/DOWN(▲ / ▼)Button

Press these button to select the desired items in the menu.

16. LEFT/RIGHT(◀ / ▶)Button

Press these button to select the desired items in the menu, or enter the selected.

17. EXIT Button

Press this button to escape from the current operation.

SF Button

Press this button, you can play the disc slow Foeward.

18. ENTER Button

Press this button to enter the selected item.

19. ZOOM Button

Press this button to ZOOM Pictures.

DVD MENU Button

If playing some DVD discs, press this button back to root menu screen.

If playing DVD you can use the functions of MENU, PROGRAM and RANDOM.

20. S.TITLE Button

Press this button you can change the subtitle language from the one selected at the initial settings to a different language if available.

21. PROGRAM(PROG) Button

When you want to play only partial tracks/chapters of a disc "DVD" or to arrange the tracks/chapters playback order, you need to program the following. Press PROGRAM button, Then PROGRAM will appear on TV screen.

Press the track number in the order you want, For example, if the track numbers you want to play are 1, 3 and 8, just input in the order of 1-3-8.

You can press CLEAR button to cancel and input again if you miss input track numbers.

Now you can press "◀" and "OK" button to select "START" option and enjoy the desired tracks.

22. FAVORITE LIST (FAV.LIST) Button

Press this button to display the favorite program list.

PLAY AND PAUSE Button(▶/||)

Press this button to start playback. Press this button again to pause playback.

23. D.ZOOM Button

Press this button during normal zoom in or zoom out playback mode. This player can magnify a picture at 3 levels. Press this button to magnify picture and use direction button "◀" to select desired part of the zoomed picture.

24. PBC Button

Press this button can return to the menu of the disc, then play the disc from the first track.

25. VOL+/VOL- Button

Press these button to increase or decrease the volume.

26. CH+/CH- Button

Press these button to select channels in ascending or descending order.

27. CH.LIST Button

Press this button to display the channel list in TV mode.

28. STOP Button(■)

When this button is pressed once, the unit records the stopped point from where playback will resume (resume function) if PLAY is pressed afterwards. But if STOP button is pressed again instead of PLAY button, there will be no resume function.

29. B.MARK Button

When playing DVD disc, press this key to mark the place where you want to replay again.

30. RANDOM Button(DVD only)

Random mode allows you to play tracks randomly by pressing this button, pressing again will cancel random playback.

31.NUMBER(0-9) Button

Enter digits for channel selection or password setting.

32. ●

For sub-channel selection.

33. AV/TV/DVD Button

Press this button to display the input source. Using UP/DOWN button to select and RIGHT or ENTER button to confirm.

34. A-B REPEAT Button (REP A-B)

You can repeatedly play a given portion by operating as follows:
To press this button once to define the portion head.

To press this button again to define the portion toe. Then the portion will be played repeatedly.

To press this button again to return to normal playback.

35.CLEAR Button

Press this button you can cancel the numbers you input just like a eraser.

36.REPEAT Button

Press this button you can repeatedly play a chapter (DVD) when "⏮ chapter" appears on TV screen. You can repeatedly play a title(DVD) when "⏮ title" appears on TV SCREEN.

You can also repeatedly play the whole disc(DVD) when "⏮ All" appears on TV screen and cancel repeat function when on "⏮ on" TV screen.

37. ANGLE Button

Some DVD contains several scenes taken at the same time in different angles. Press this key to select a different angle(if the disc supports this function).

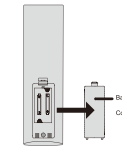
Remark: If an universal remote to be used to control this TV, please program the universal remote with Philips code.

General Description

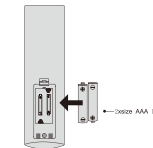
Installing Batteries in the Remote Control

Installing Batteries

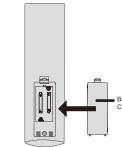
- 1 Open the battery compartment cover on the back side.



- 2 Insert two 1.5V AAA size batteries in correct polarity. Don't mix old or used batteries with new ones.



- 3 Closed the cover.



✦ Point the remote towards the remote control sensor of the wireless TV and use it within 7 meters.

✦ Put the used batteries into the recycling bin since it can negatively affect the environment.

Note:

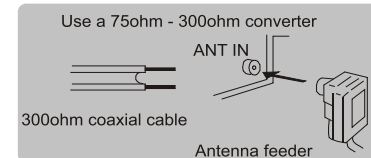
- One loading of batteries will last for 1 year under normal use
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leakage.
- Do not use old and new batteries together.
- The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

External Connection

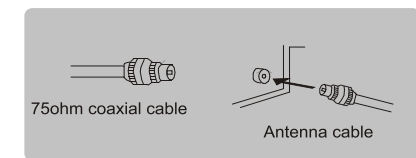
Antenna connection

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly, if the antenna cable is 300ohm parallel flat feeder cable, you need to use the 300ohm/75ohm converter to connect the antenna cable to the antenna jack. For details Please refer to the following drawing.

Antennas with 300 ohm flat twins Leads



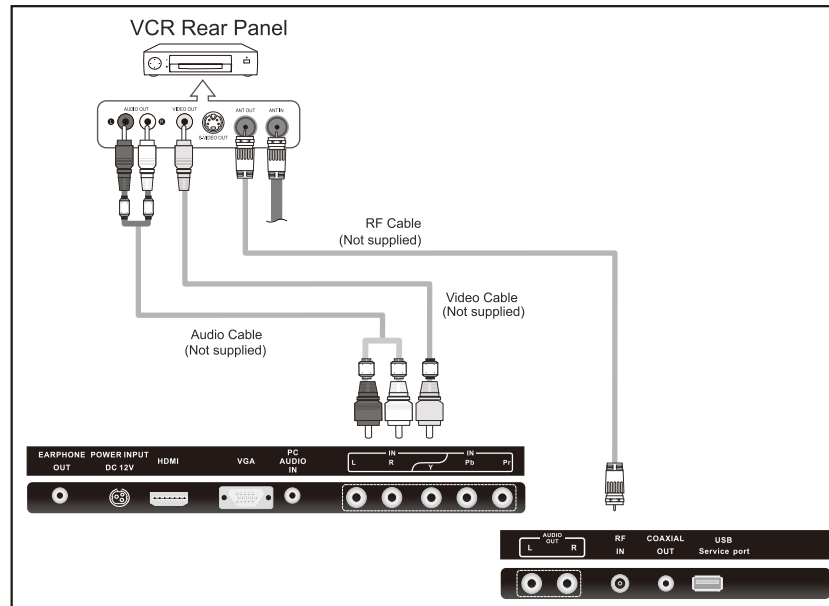
Antennas with 75 ohm Round Leads



External Connection

Connecting VCR

These instructions assume that you have already connected your TV to an antenna or a cable TV system. Skip step 1 if you have not yet connected to an antenna or a cable system.



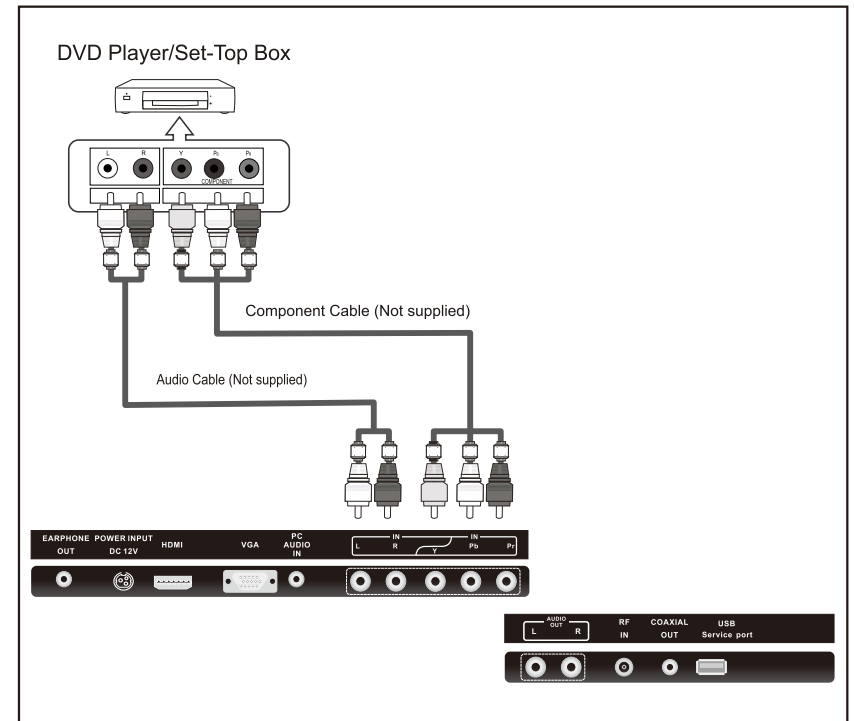
Follow the instructions in Viewing a VCR or Camcorder Tape to view your VCR tape. Each VCR has a different back panel configuration. When connecting a VCR, match the color of the connection terminal to the cable. We recommend the use of cables with a Ferrite Core.

1. Unplug the cable or antenna from the back of the TV.
2. Connect the cable or antenna to the ANT IN terminal on the back of the VCR.
3. Connect an RF Cable between the ANT OUT terminal on the VCR and the ANT IN terminal on the TV.
4. Connect a Video Cable between the VIDEO OUT jack on the VCR and the VIDEO IN jack on the TV.
5. Connect Audio Cables between the AUDIO OUT jacks on the VCR and the AUDIO L and AUDIO R jacks on the TV.
 - If you have a mono (non-stereo) VCR, use a Y-connector (not supplied) to hook up to the right and left audio input jacks of the TV. If your VCR is stereo, you must connect two cables.

External Connection

Connecting DVD Player/Set-Top Box

The rear panel jacks on your TV make it easy to connect a DVD to your TV.



Component video separates the video into Y (Luminance (brightness)), Pb (Blue) and Pr (Red) for enhanced video quality.

Be sure to match the component video and audio connections.

For example, if connecting the video cable to COMPONENT IN, connect the audio cable to COMPONENT IN also.

Each DVD player/STB has a different back panel configuration.

When connecting a DVD player/STB, match the color of the connection terminal to the cable.

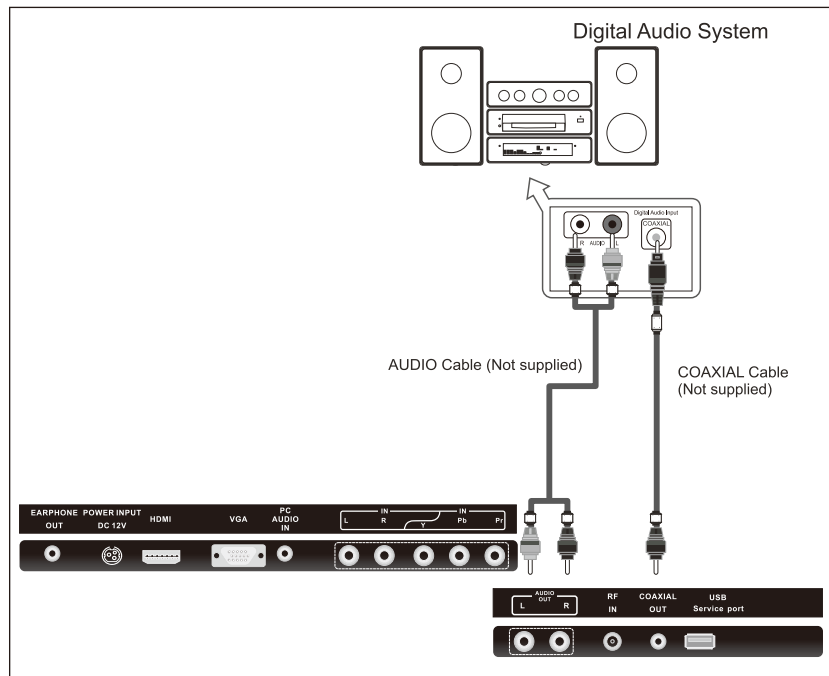
We recommend the use of cables with a Ferrite Core.

1. Connect a Component Cable between the COMPONENT IN [Y, PB, PR] jacks on the TV and the COMPONENT [Y, PB, PR] jacks on the DVD player.
2. Connect Audio Cables between the COMPONENT IN [R-AUDIO-L] jacks on the TV and the AUDIO OUT jacks on the DVD player.

External Connection

Connecting Digital Audio System

The rear panel jacks on your TV make it easy to connect a Digital Audio System to your TV.



5.1 CH audio is possible when the TV is connected to an external device supporting 5.1 CH.

We recommend the use of cables with a Ferrite Core.

1. Connect COAXIAL Cable between the SPDIF jacks on the TV and the Digital Audio amplifier.

Input jacks on the Digital Audio System. When a Digital Audio System is connected to the SPDIF terminal: Decrease the gain (volume) of the TV, and adjust the volume level using the Digital Audio system's volume control.

2. R/L audio out

Audio out: output single from TV, AV, HDMI, PC.

Audio Out can be used to connect to an external Amp, Furrion Wallmount Stereo or Home Entertainment System.

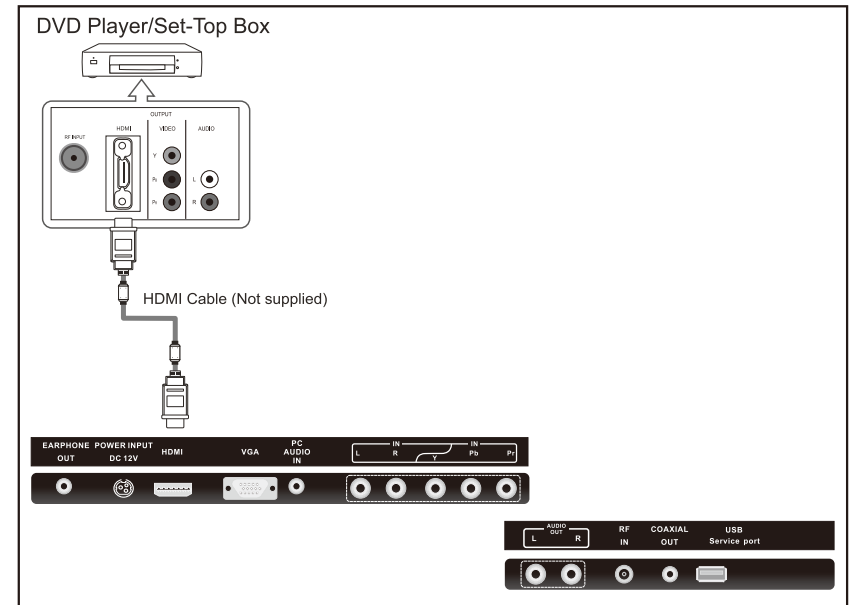
This volume output is not controlled by the volume control on the TV or Remote Control.

To use this function, turn down the volume on the TV and use the volume control from AV Amp / Stereo / Tuner or Home Theater System.

External Connection

Connecting DVD Player/Set-Top Box via HDMI

This connection can only be made if there is a HDMI Output connector on the external device.



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.

Each DVD player/STB has a different back panel configuration.

We recommend the use of cables with a Ferrite Core.

1. Connect an HDMI Cable between the HDMI connector on the TV and the HDMI connector on the DVD player/Set-Top Box.