

SAMSUNG

USER MANUAL

UBD-M9700

1 Safety Information

Warning

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.



Class II product : This symbol indicates that a safety connection to electrical earth (ground) is not required.



AC voltage : Rated voltage marked with this symbol is AC voltage.



DC voltage : Rated voltage marked with this symbol is DC voltage.



Caution. Consult instructions for use : This symbol instructs the user to consult the user manual for further safety related information.



This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.



This symbol indicates that this product comes with important literature concerning operation and maintenance.

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered.
 - Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.
 - Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
 - Do not place vessels (vases etc.) containing water on this apparatus. A water spill can cause a fire or electric shock.
- Do not expose this apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or pool, etc.). If this apparatus accidentally gets wet, unplug it and contact an authorized Samsung dealer or service center immediately.
- This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly. Please contact your local authorities for disposal or recycling information.
- Do not overload wall outlets, extension cords, or adaptors beyond their capacity, since this can result in fire or electric shock.
- Route power-supply cords so that they are not likely to be walked on or pinched by items placed on or against them. Pay particular attention to cords at the plug end, at wall outlets, and the point where they exit from the apparatus.
- To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply.
- Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Make sure to plug the power cord in until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord's plug. Never unplug by pulling on the power cord. Do not touch the power cord with wet hands.
- If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized Samsung dealer or service center.

- Maintenance of Cabinet.
 - Before connecting other components to this product, be sure to turn them off.
 - If you move your product suddenly from a cold place to a warm place, condensation may occur on the operating parts and lens and cause abnormal disc playback. If this occurs, unplug the product, wait for two hours, and then connect the plug to the power outlet. Then, insert the disc, and try to play back again.
- Be sure to pull the power plug out of the outlet if the product is to remain unused or if you are leaving the house for an extended period of time (especially when children, elderly, or disabled people will be left alone in the house).
 - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat or the insulation to deteriorate.
- Contact an authorized service center for information if you intend to install your product in a location with heavy dust, high or low temperatures, high humidity, chemical substances, or where it will operate 24 hours a day such as in an airport, a train station, etc. Failing to do so may lead to serious damage to your product.
- Use only a properly grounded plug and wall outlet.
 - An improper ground may cause electric shock or equipment damage. (Class 1 Equipment only)
- To turn this apparatus off completely, you must disconnect it from the wall outlet. Consequently, the wall outlet and power plug must be readily accessible at all times.
- Do not allow children to hang on the product.
- Store the accessories (battery, etc.) in a location safely out of the reach of children.
- Do not install the product in an unstable location such as a shaky self, a slanted floor, or a location exposed to vibration.
- Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a Samsung service center.
- To clean this apparatus, unplug the power cord from the wall outlet and wipe the product using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air fresheners, lubricants, or detergent. These chemicals can damage the appearance of the product or erase the printing on the product.
- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
- Do not dispose of batteries in a fire.

- Do not plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.

- There is danger of an explosion if you replace the batteries used in the remote with the wrong type of battery. Replace only with the same or equivalent type.

- **WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES AND OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.**



- **WARNING**

- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

▷ FCC NOTE (for U.S.A)

Class B FCC Statement

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 of the following measures:

- Reorienting or relocating the receiving antenna.
- Increasing the separation between the equipment and receiver.
- Connecting the equipment to an outlet that is on a different circuit than the radio or TV.
- Consulting the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement :

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC Caution :

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

▷ CLASS 1 LASER product

This Compact Disc player is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Complies with 21CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.

DANGER :

- VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM. (FDA 21 CFR)

CAUTION :

- CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM. (IEC 60825-1)
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN THE COVER. DO NOT REPAIR THE PRODUCT YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

- 🔗 If the Region number of a Ultra HD Blu-ray Disc/ Blu-ray Disc/DVDs does not correspond to the Region number of this product, the product cannot play the disc.

Precautions

▷ Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.

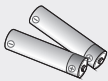
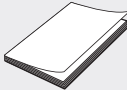
Keep these operating instructions handy for future reference.

- 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 AV receivers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits 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 is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.



2 Accessories

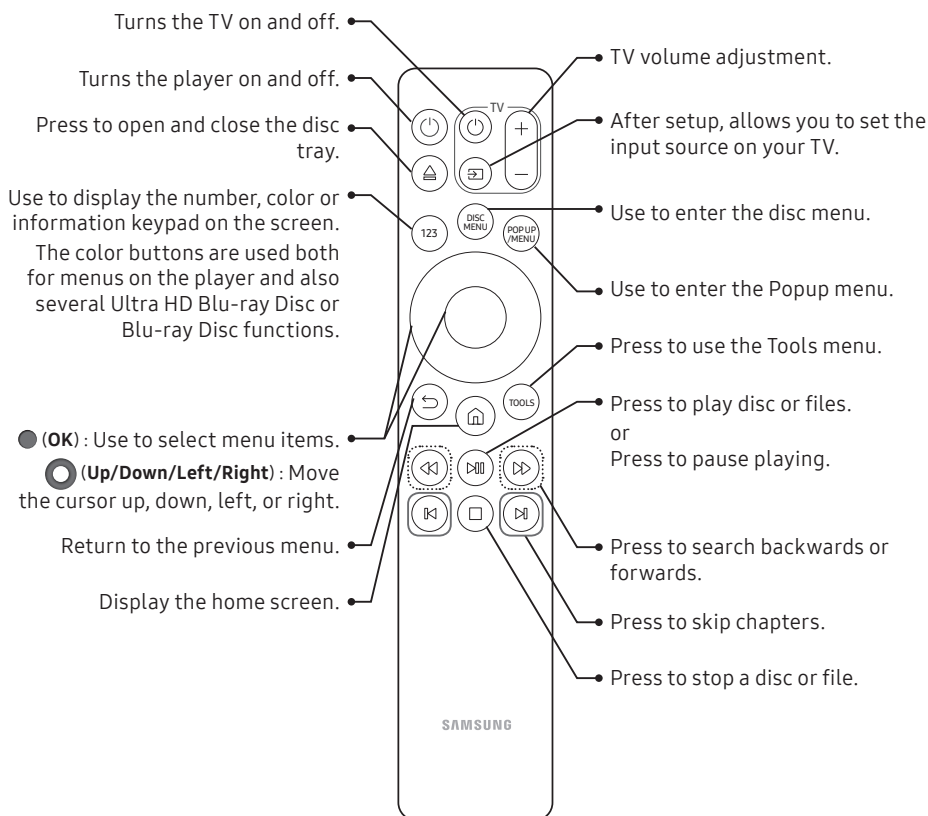
Check for the supplied accessories shown below.

	
Batteries (AA Size) (4301-000101)	
	
Power Cable (3903-001117)	
	
User Manual (AK68-02649K)	
	Remote Control (AK59-00180A)

-  For further instructions, refer to the UBD-M9700 Web Manual.
To view the Web Manual : www.samsung.com → Product name search : UBD-M9700

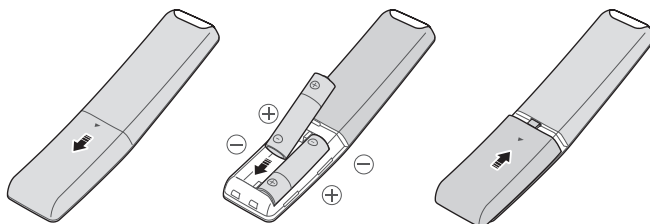
3 Remote Control

- The TV volume, source, and on/off buttons inside the TV section on the remote only work with Samsung TVs. To use these buttons with another TV brand, enter the appropriate TV Control Code from the list on the next page.
- When the player displays an Ultra HD Blu-ray or standard Blu-ray Disc's menu, you cannot start the movie by pressing the ►► button on the remote control. To play the movie, you must select Play Movie or Start in the disc's menu, and then press the ● (OK) button on the remote control.



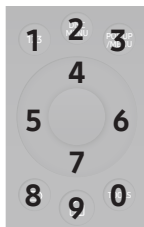
► Inserting Batteries (AA Battery x2)

Slide the battery cover in the direction of the arrow until it is completely removed. Insert 2 AA batteries (1.5V) in the correct +/- polarity configuration. Slide the battery cover back into position.



► Using Remote Control Buttons to Enter TV Codes

1. Press and hold the **⏻ (TV Power)** button.
2. While holding the **⏻ (TV Power)** button, press the buttons on the remote that correspond to a two-digit TV Code from the list below. Use the illustration to the right as a guide.



For example: To enter **01**, press the **TOOLS** button and then press the **123** button.

Note that some TV brands have more than one 2-digit code. If the first code does not work, try the next.

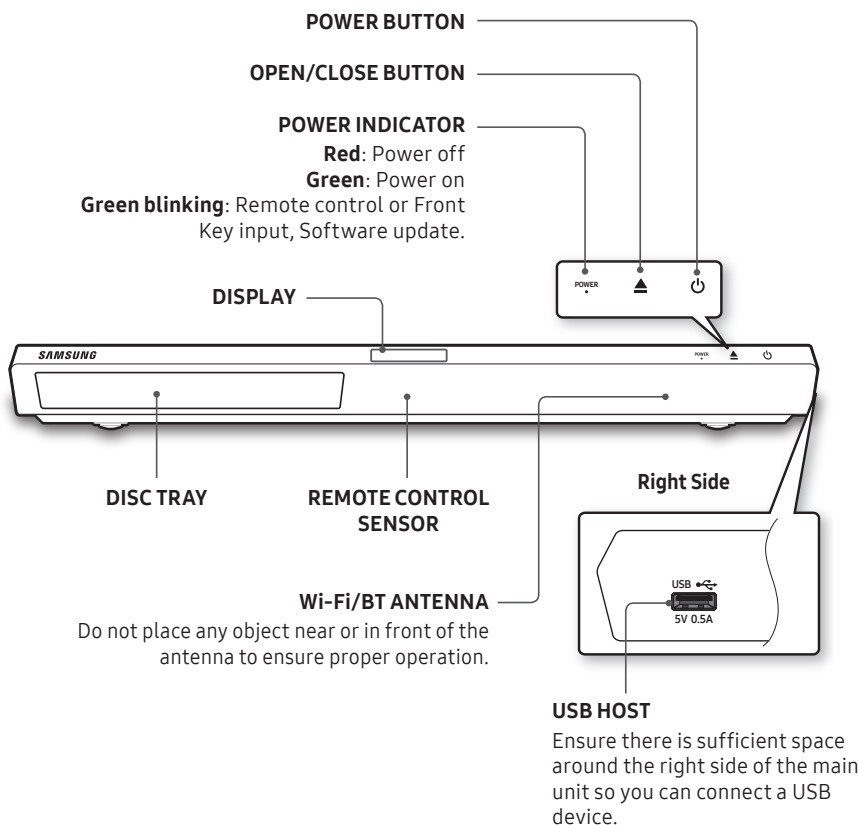
► TV Control Codes

Brand	Codes
SAMSUNG	01, 02, 03, 04, 05, 06, 07, 08, 09
AIWA	82
ANAM	10, 11, 12, 13, 14, 15, 16, 17, 18
BANG & OLUFSEN	57
BLAUPUNKT	71
BRANDT	73
BRIONVEGA	57
CGE	52
CONTINENTAL EDISON	75
DAEWOO	19, 20, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34
EMERSON	64
FERGUSON	73
FINLUX	06, 49, 57
FORMENTI	57
FUJITSU	84
GRADIENTE	70
GRUNDIG	49, 52, 71
HITACHI	60, 72, 73, 75
IMPERIAL	52
JVC	61, 79
LG	06, 19, 20, 21, 22, 78

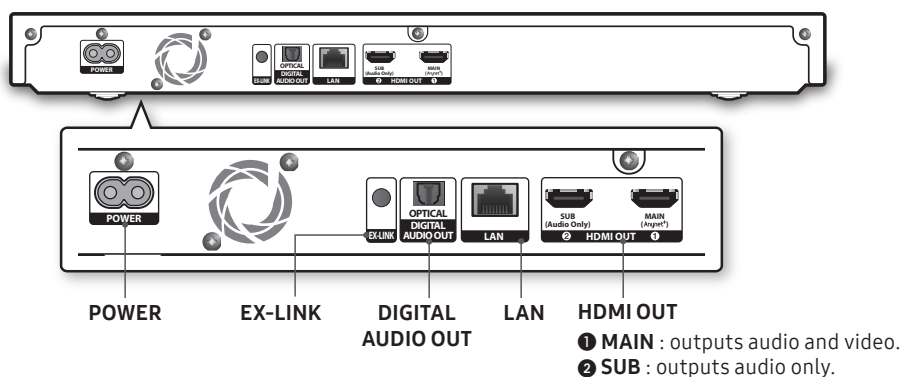
Brand	Codes
LOEWE	06, 69
LOEWE OPTA	06, 57
MAGNAVOX	40
METZ	57
MITSUBISHI	06, 48, 62, 65
MIVAR	52, 77
NEC	83
NEWSAN	68
NOBLEX	66
NOKIA	74
NORDMENDE	72, 73, 75
PANASONIC	13, 53, 54, 74, 75
PHILIPS	06, 56, 57
PHONOLA	72, 73, 75
PIONEER	58, 59, 73, 74
RADIOLA	06, 56
RADIOMARELLI	57
RCA	45, 46
REX	74
SABA	57, 72, 73, 74, 75
SALORA	74
SANYO	41, 42, 43, 44, 48
SCHNEIDER	06
SELECO	74
SHARP	36, 37, 38, 39, 48
SIEMENS	71
SINGER	57
SINUDYNE	57
SONY	35, 48
TELEAVA	73
TELEFUNKEN	67, 73, 75, 76
THOMSON	72, 73, 75
THOMSON ASIA	80, 81
TOSHIBA	47, 48, 49, 50, 51, 52
WEGA	57
YOKO	06
ZENITH	63

4 Front/Right Side and Rear Panel

Front and Right Side Panel

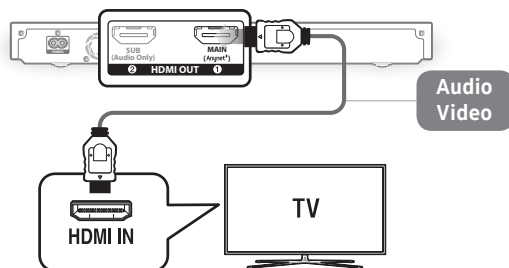


Rear Panel



5 Connections

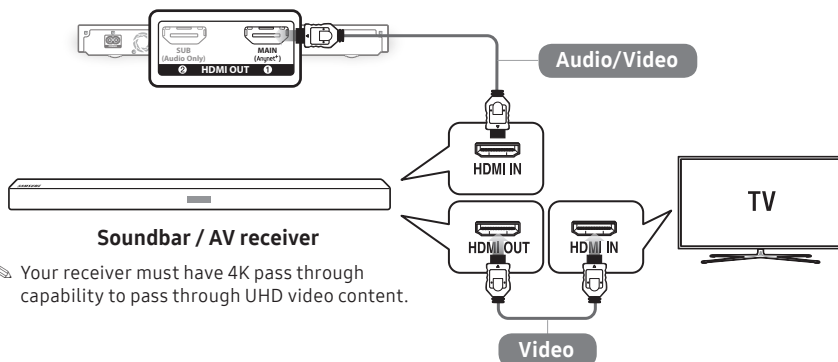
Connecting to a TV



- UHD TVs support only the **HDMI OUT 1 MAIN** port.
- To view video in the HDMI 720p, 1080p, or 2160p output mode, you must use a high speed (category 2) HDMI cable.

Connecting to an Audio Device

- Method 1: Connecting to an HDMI (HDR) compatible Soundbar / AV receiver that supports pass through**

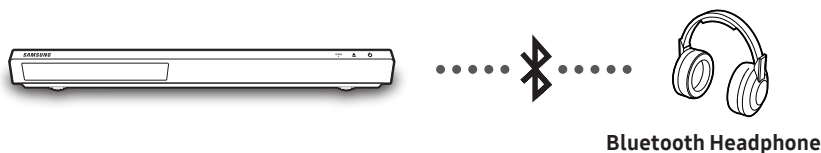


- Your receiver must have 4K pass through capability to pass through UHD video content.

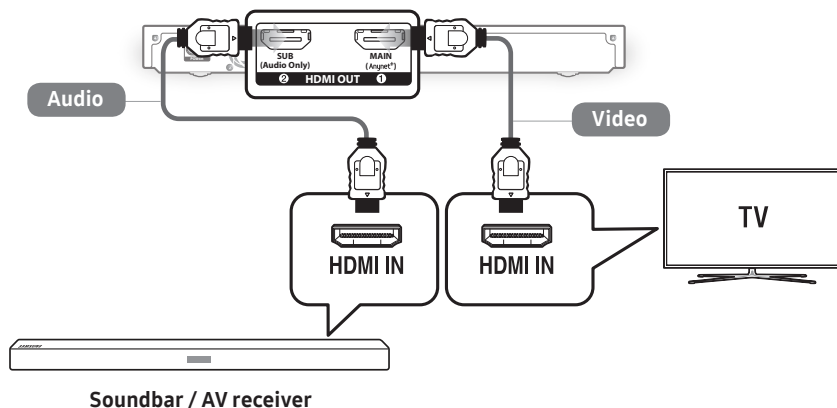
- HDR** : High Dynamic Range is a technique used to reproduce a greater dynamic range of luminosity than is possible with conventional imaging devices.

- Method 2: Connecting to Bluetooth headphones via Bluetooth**

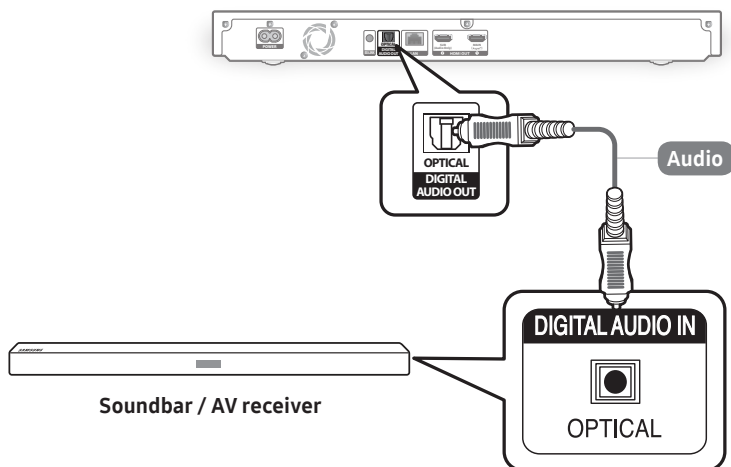
- On the Home screen, set **Settings > Sound > Sound Mirroring** to **Off**. (Default : **Off**.)
- Pair the player with your Bluetooth headphones.



► **Method 3: Connecting to an HDMI compatible Soundbar / AV receiver that does not support pass through**

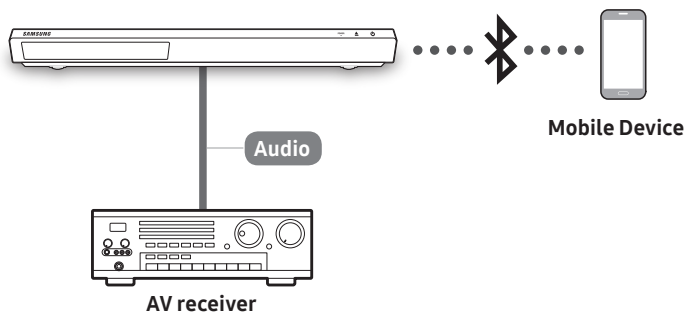


► **Method 4: Connecting to a Soundbar / AV receiver with a Digital Optical cable**



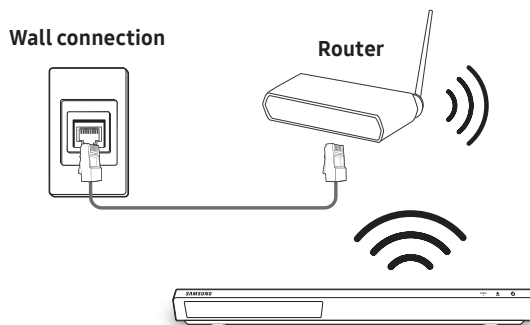
Connecting to a Mobile Device

1. On the Home screen, set **Settings > Sound > Sound Mirroring** to **On**. (Default : **Off**.)
2. Pair the player with your mobile device.

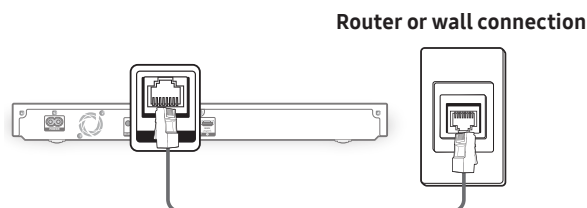


Connecting to a Network Router

► Wireless Network



► Wired Network

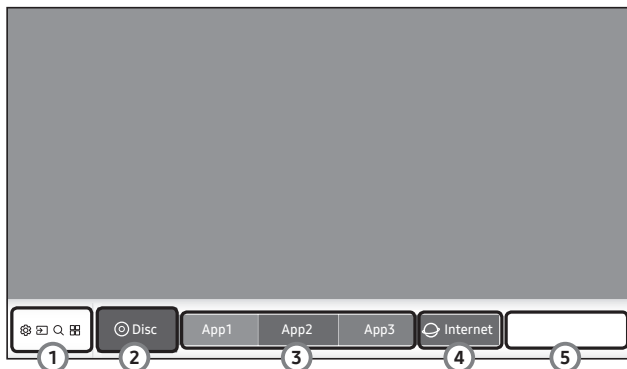


🔗 Use Cat 7 (*STP Type) cable for the connection. (* Shielded Twisted Pair)

6 The Initial Settings Procedure

1. Plug in the Ultra HD Blu-ray Player, turn on your TV, and then turn on the Ultra HD Blu-ray Player by pressing the **(Power)** button on the remote.
2. Follow the directions for the initial setup displayed on the screen.

► Home Screen

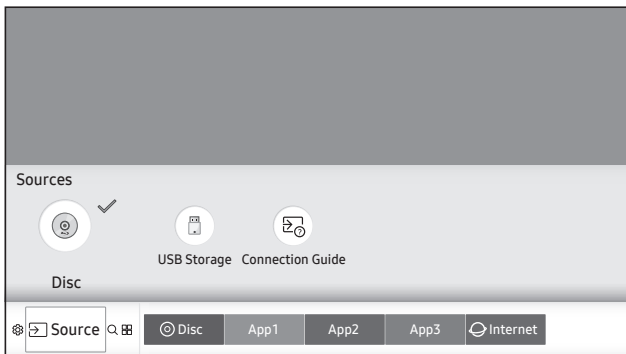


① ⚙️ ➡️ 🔍 📺 (Functions)	• ⚙️ Settings : Press the (OK) button to open the product's menu. In the menu, you can set various functions to suit your personal preferences. With the ⚙️ Settings menu displayed, press the Up button on the remote control to display the Quick Settings menu items. Use the Left/Right buttons on the remote control to jump to the desired menu and configure settings with ease. • ➡️ Source : Select an inserted disc or USB storage device, a connected network device, or Smart View. • 🔍 Search : Lets you search for content in Apps and YouTube by entering corresponding search words. • 📺 APPS : Access various for pay or free-of-charge applications.		
② Disc	Displays the selected source.	③ Downloaded Apps	Displays downloaded apps. Apps displayed here can be deleted, edited, or rearranged, if necessary.
④ Internet	You can access the Internet.	⑤	Use the Add to Home option to add frequently used menu items to the bottom of the Home screen.

7 Playing Media Content

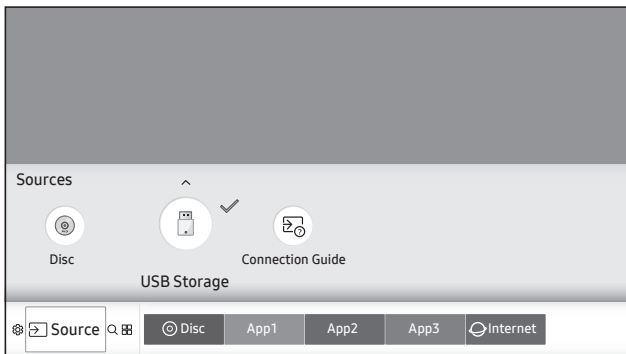
Playing a Commercial Disc

Select **HOME** >  **Source** > **Disc**.



Playing Media Contents Saved on a USB Memory Device

Select **HOME** >  **Source** > **USB Storage**.

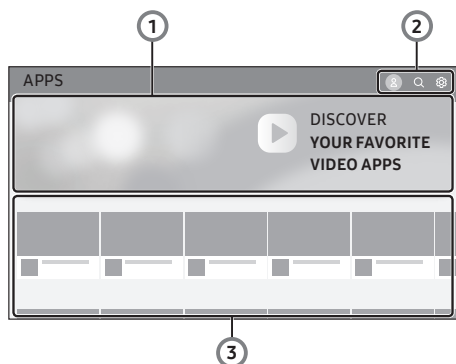


 When connected to a USB device, the screen displays a message at the top.

8 Additional Functions

APPS

You can download applications from the Internet, and access various application and view them on your TV. To access some applications, you need to have a Samsung account.



1	Download a video app to play video.
2	 Log in with your Samsung account. Use a variety of Samsung-provided functions. If you do not have a Samsung account, create one here.
	 Enter the name of a specific app to search for it.
	 Configure settings for a downloaded app.
3	Available apps are displayed at the bottom. Use the Up/Down/Left/Right buttons to download or use a desired app.

Smart View

The **Smart View** function lets you view the screen of your mobile device or Android tablet on a TV you have connected to the product.

1. Select **HOME** >  **Source** > **Connection Guide**.
2. Launch **Smart View** on your device.

3. On your device, find the name of the Player in the list of available devices, and then select it.

 If your wireless router (Wi-Fi) uses a DFS channel, you cannot use this function. Contact your Internet service provider for details.

View Blu-ray Content on a Mobile Device (Blu-ray to Mobile)

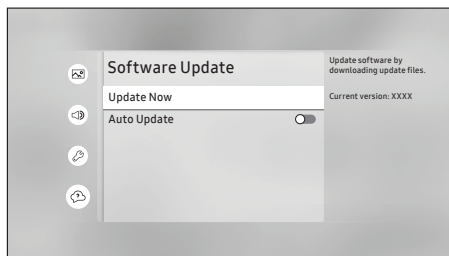
You can view the content your player is playing on a mobile device.

For instructions, see the player's **FULL MANUAL** on the Samsung website, www.samsung.com.

 If your wireless router (Wi-Fi) uses a DFS channel, you cannot use this function. Contact your Internet service provider for details.

Upgrading Software

1. Select **HOME** >  **Settings** > **Support** > **Software Update** > **Update Now**.
2. The product searches on line for the latest software version.
3. If it finds a new version, the Update Request pop-up appears. Select **OK**.



-  Never turn the product off or back on manually during the update process.
-  Make sure there is no disc in the player before you start the update process.
-  You can set the **Auto Update** function so that the product downloads new update software automatically.
-  You can also download the latest firmware file from the Samsung website, copy the files from the PC to a USB memory stick, insert the stick into the right side USB port, and then select **Update Now**.

IP Remote control

Allows IP control devices to remotely access and adjust your Ultra HD Blu-ray player's system and settings.

Select **HOME** >  **Settings** > **General** > **Network** > **IP Remote** > **Enable**.

-  We recommend turning IP Remote on only if an authorized third-party custom controller is installed and configured specifically for a Samsung Ultra HD Blu-ray player and if your Wi-Fi network is password protected.
-  When IP Remote is set to **Enable**, **WoL/WoWLAN** (Wake on LAN or Wake on Wireless LAN) also turns on, and this increases standby power consumption.
-  Compatibility between an unauthorized controller device and your Ultra HD Blu-ray player cannot be guaranteed.
-  IP Control requires professional installation.

EX-LINK (RS-232) control

Allow RS-232 control devices to remotely access and adjust your Ultra HD Blu-ray player's system and settings.

-  When using this function, the UART baud rate for the RS-232 Controller Device should be set to 9600 bps.
-  Compatibility between an unauthorized controller device and your Ultra HD Blu-ray player cannot be guaranteed.
-  RS-232 Control requires professional installation.

9 Specifications

General	Weight	4.2 lbs (1.9 kg)
	Dimensions	16.0 (W) X 1.8 (H) X 8.9 (D) inches (406.0 (W) X 45.0 (H) X 225.6 (D) mm)
	Operating Temperature Range	+41°F to +95°F (+5°C to +35°C)
	Operating Humidity Range	10 % to 75 %
USB	Type A	USB 2.0
	DC output	5V 500mA Max.
HDMI1	Video	2160p, 1080p, 720p, 480p
	Audio	PCM, Bitstream
HDMI2	Audio	PCM, Bitstream
Audio Output	Digital Audio Output	Optical
Network	Ethernet	100BASE - TX Terminal
	Wireless LAN	Built-in (802.11 ac (2x2))
	Security	WEP (OPEN/SHARED) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
	WPS(PBC)	Supported

- Network speeds equal to or below 10Mbps are not supported.
- Design and specifications are subject to change without prior notice.
- For power supply and power consumption information, refer to the label attached to the product.
- Weight and dimensions are approximate.
- Dispose unwanted electronics through an approved recycler.
To find the nearest recycling location, go to our website: www.samsung.com/recyclingdirect or call, (877) 278 - 0799.

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- Open Source License Notice

- In the case of using open source software, Open Source Licenses are available on the product menu.

- Blu-ray Disc™, Blu-ray™, Ultra HD Blu-ray Disc™, Ultra HD Blu-ray™ and the logos are trademarks of the Ultra HD Blu-ray Disc/Blu-ray Disc Association.

- THIS PRODUCT IS SOLD WITH A LIMITED LICENCE AND IS AUTHORISED TO BE USED ONLY IN CONNECTION WITH HEVC CONTENT THAT MEETS EACH OF THE THREE FOLLOWING QUALIFICATIONS: (1) HEVC CONTENT ONLY FOR PERSONAL USE; (2) HEVC CONTENT THAT IS NOT OFFERED FOR SALE; AND (3) HEVC CONTENT THAT IS CREATED BY THE OWNER OF THE PRODUCT.



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YOUR USE OF THIS PRODUCT IN CONNECTION WITH HEVC ENCODED CONTENT IS DEEMED ACCEPTANCE OF THE LIMITED AUTHORITY TO USE AS NOTED ABOVE.

10 Supported Formats

► Disc types and contents your product can play

Media	Disc Type	Details
VIDEO	Ultra HD Blu-ray Disc	Ultra HD BD-ROM format.
	Blu-ray Disc	BD-ROM format
	DVD-VIDEO DVD-RW, DVD-R DVD+RW, DVD+R	DVD-VIDEO, recorded DVD+RW/DVD-RW(V)/DVD-R/+R that have been recorded and finalized, or a USB storage media containing MKV, MP4 contents.
MUSIC	CD-RW/-R, DVD-RW/-R, CDDA, BD-RE/-R	Audio CD (CD-DA), music recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing MP3 or WMA contents.
PHOTO	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Photos recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing JPEG contents.

► Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.avi *.mkv *.asf *.wmv *.mp4 *.mov *.3gp *.vro *.mpg *.mpeg *.ts *.tp *.trp *.mov *.flv *.vob *.svi *.m2ts *.mts *.divx	AVI MKV ASF MP4 3GP MOV FLV VRO VOB PS TS SVAF	H.264 BP/MP/HP	4096x2160	4096X2160: 30 3840X2160: 60	60	Dolby Digital LPCM ADPCM (IMA, MS) AAC HE-AAC WMA DD+ MPEG(MP3) DTS (Core, LBR) G.711 (A-Law, μ-Law)
		HEVC (H.265 - Main, Main10)		60	80	
		Motion JPEG	3840x2160	30	80	
		MVC	1920x1080	60	20	
		DivX 3.11 / 4 / 5 / 6				
		MPEG4 SP/ASP				
		Window Media Video v9(VC1)				
		MPEG2				
		MPEG1				
		Microsoft MPEG-4 v1, v2, v3		30		
		Window Media Video v7(WMV1), v8(WMV2)				
		H 263 Sorrenson				
		VP6				
*.webm	WebM	VP8	1920x1080	60	20	Vorbis
		VP9	4096x2160	4096X2160: 60	40	
*.rmvb	RMVB	RV8/9/10 (RV30/40)	1920x1080	60	20	RealAudio 6

🔗 The DivX codec is not supported by models made for the U.S. or Canada.

► Supported Subtitle File Formats

	Name	File Extension
External	MPEG-4 Timed text	.ttxt
	SAMI	.smi
	SubRip	.srt
	SubViewer	.sub
	Micro DVD	.sub or .txt
	SubStation Alpha	.ssa
	Advanced SubStation Alpha	.ass
	Powerdivx	.psb
Internal	SMPTE-TT Text	.xml
	Xsub	AVI
	SubStation Alpha	MKV
	Advanced SubStation Alpha	MKV
	SubRip	MKV
	VobSub	MKV
	MPEG-4 Timed text	MP4
	TTML in smooth streaming	MP4
	SMPTE-TT TEXT	MP4
	SMPTE-TT PNG	MP4

File Extension	Type	Codec	Support Range
*.wma	WMA	WMA	For WMA 10 Pro supports up to M2 profile and 5.1 channels. WMA lossless audio is not supported.
*.wav	wav	wav	-
*.mid *.midi	midi	midi	Type 0, type 1 and Seek is not supported. Only available with USB.
*.ape	ape	ape	-
*.aif *.aiff	AIFF	AIFF	-
*.m4a	ALAC	ALAC	-

► Supported Picture File Formats

File Extension	Type	Resolution
*.jpg *.jpeg	JPEG	15360x8640
*.png	PNG	4096x4096
*.bmp	BMP	4096x4096

► Supported Music File Formats

File Extension	Type	Codec	Support Range
*.mp3	MPEG	MPEG1 Audio Layer 3	-
*.m4a *.mpa *.aac	MPEG4	AAC	-
*.flac	FLAC	FLAC	24bit/192kHz Supports up to two channels.
*.ogg	OGG	Vorbis	Supports up to two channels.

► **Region Code**

Both products and discs are coded by region. These regional codes must match for a disc to play. If the codes do not match, the disc will not play.

The region number for this product is displayed on the rear panel of the product.

Disc Type	Region Code	Area
Blu-ray Disc		North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.
		Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.
		India, China, Russia, Central and South Asia.
DVD-VIDEO		The U.S., U.S. territories and Canada
		Europe, Japan, the Middle East, Egypt, Africa, Greenland
		Taiwan, Korea, the Philippines, Indonesia, Hong Kong
		Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
		Russia, Eastern Europe, India, North Korea, Mongolia
		China

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Pine Brook, New Jersey 07058

QUESTIONS OR COMMENTS?

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