SAMSUNG

USER MANUAL
GX-SM530SL

TRADEMARKS

Product names mentioned in this document may be trademarks and/or registered trademarks of their respective companies.

✳ The term STB used in this manual represents this product of Digital Satellite Receiver.

Safety Information

The purpose of the Safety Concerns section is to ensure the safety of users and prevent property damage. Please read this document carefully for proper use.

WARNING

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

CAUTION : RISK OF ELECTRIC SHOCK. DO NOT OPEN.

⚡	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 important literature concerning operation and maintenance has been included with this product.
▢	Class II product : This symbol indicates that it does not require a safety connection to electrical earth (ground).
∼	AC voltage : This symbol indicates that the rated voltage marked with the symbol is AC voltage.
===	DC voltage : This symbol indicates that the rated voltage marked with the symbol is DC voltage.
⚠i	Caution, Consult instructions for use : This symbol instructs the user to consult the user manual for further safety related information.

Do not install this equipment in a confined space such as a bookcase or similar unit.

WARNING

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

CAUTION

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

This product satisfies CE 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.

IMPORTANT NOTE

If the power plug on this unit does not fit the wall outlets in your house, have the wall outlets replaced with outlets that fit by a licensed electrician. If the power cord is not long enough, obtain a suitable, safety-approved extension cord. If you have questions about the power cord or plug, or need additional help, consult your dealer for assistance.

To turn off this unit completely, you must disconnect it from the wall outlet. Consequently, the unit's power plug must be readily accessible at all times.

This product is manufactured under license in accordance with certain intellectual property rights of certain third parties.

HANDLING CAUTIONS

WARNING

- Never remove the top cover of this product. There are no user-serviceable parts inside it.
- Make sure all electrical connections are properly made.
- Connect all equipment to the unit first, and then plug in their power cords.
- Disconnect the STB's power plug from the wall outlet before you disconnect any equipment from the product's rear panel.
- Never push anything into the holes, slots or other openings in the case.
- If the supplied power plug does not fit your wall outlets DO NOT plug it in. Have the wall outlets replaced with appropriate wall outlets by a qualified electrician.
- To turn off this product completely, you must disconnect it from the wall outlet. Consequently, the unit's power plug must be readily accessible at all times.
- The main plug is used as a disconnected device and shall stay readily operable.

CAUTION

- Do not move the STB when it is on.
- Do not use or store the STB in hot, cold, damp or dusty places.
- Minimum distance around the apparatus for sufficient ventilation is 15cm. Ventilation should not be impeded by covering the ventilation opening with items, such as newspapers, table cloths, curtains, etc.
  No naked flame sources, such as lighted candles, should be placed on the apparatus. This apparatus is restricted in tropical climate.
- Never place the STB on soft furnishings or carpets.

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- Do not put anything on the STB which might spill liquid into it or place it in an environment where it may be subject to moisture or rain. This apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

- Do not place the STB on top of other powered electrical equipment such as an amplifier or DVD player.

- Do not operate in an enclosed space such as a Hi-Fi cabinet.

- Do not allow the power cable or DC wire from the power supply to become trapped under any object, crushed or jammed in a cabinet door.

- Do not clean with spray polish.

- Only dust with a dry cloth.

- Do not place the STB in front of a heat source such as a radiator or fire.

- Do not throw away used batteries near flammable areas.

- Make sure to rest the AC/DC Adapter flat on a table or the floor. If you place the AC/DC Adapter so that it is hanging with the AC cord input facing upwards, water or other foreign substances could enter the Adapter and cause the Adapter to malfunction.

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About the product

KEY FEATURE

Image Display of HD Grade

Supports high-resolution video output of up to 1080p, enabling you to enjoy clear and sharp video.

Electronic Program Guide (EPG) Function

Using the EPG Channel Guide, you can check the program information and broadcasting schedule for a desired channel.

Enjoy Contents with a USB Flash Device

Allows you to play media files using a USB flash device.
Please note that mass storage device like HDD is not supported.

Dolby Digital Plus Sound

Produces realistic digital sound by connecting the product to a STB amplifier through the HDMI port which supports Dolby Digital Plus.

MEDIA FILE FORMAT COMPATIBILITY

Contents your product can play

Contents	Media	Details
VIDEO / MUSIC / PHOTO	USB	Video, music and photos stored in USB flash drive.

Supportesd Formats

VIDEO FILE SUPPORT						
File Extension	**Container**	**Video Codec**	**Resolution**	**Frame rate (fps)**	**Bit rate (Mbps)**	**Audio Codec**
*.avi *.mp4 *.mpg *.ts *.mov *.divx	AVI MKV MP4 MOV TS	H264 MPEG4 SP/ASP (Xvid, DivX 5.x DivX 6.x) MPEG2	1920x1080P	15-30	20	AC3 AC3+ MPEG1 MPEG2 PCM AAC (LTP) HE-AAC VORBIS

- Limitations
    - Even when the file is encoded by a supported codec listed above, a file may not be played if the content has a problem.
    - Normal playback is not guaranteed if the file's container information is wrong or the file itself is corrupted.
- The supported subtitle formats are microdvd, srt and vobsub embedded in containers *.txt and *.srt
- The supported music formats are MP3, Ogg, FLAC and AAC (file extensions: *.mp3, *.ogg, *.flac, *aac) and the supported picture file format is jpeg (file extension: *.jpg or *.jpeg).

Notes on the USB connection

- The STB supports USB 2.0 flash drive. It also supports connection of the drives via USB HUB.
- The USB input has power limitation (max. current 500 mA) which can result as insufficient power supply for the drives after connecting too many devices at once to passive HUB. Recommended is usage of the HUB with external power supply.
- There is no limitation neither size nor speed for the drive to be used in media library, to store pictures or music.
- Supported file systems are ext2, ext3, ext4, ntfs, fat.
- Using slow drives may result in a long time of loading media.
- The STB does not support media with DRM (Digital Rights Management) downloaded from commercial sites.
- The STB does not support PTP protocol (Picture Transfer Protocol).
- Do not remove USB flash drive while in use (formatting, etc.).
- SAMSUNG is not responsible for any loss of data on USB flash drive.

ACCESSORIES

Check for the supplied accessories below.

ENG
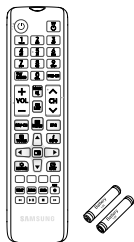
Remote Control/
Batteries for Remote Control
(AAA Size)
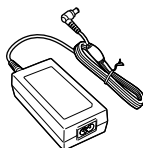
Power Adapter
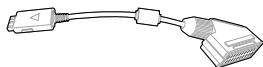
SCART Gender Cable
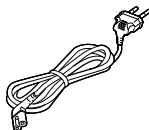
Power Cord

User Manual

> ➤ You can purchase the cable accessories (not supplied with the product) from a local Samsung dealer.
> Not supplied cable:
> - HDMI cable
> - Coaxial cable
> - LAN cable

FRONT PANEL

This section describes the button and LEDs at the front panel.

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Power

◻◻ DOLBY AUDIO HƆMI

POWER button — Status LED

REMOTE CONTROL SENSOR
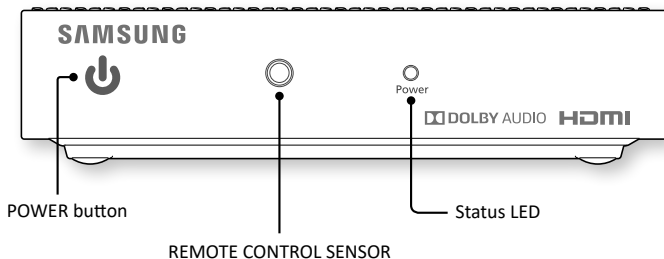
▶ Status LED : To Glow green when the STB is active. To glow red when the STB is power saving mode. If the LED is not glowing, press the Power button on your remote control in order to turn your STB on.

REAR PANEL

This section describes the names and functions of the ports on the rear panel.

SAT IN   EXT(TV)   HDMI OUT   LAN   DC 14V 1.786A(Max.)

❸ HDMI OUT   ❺ USB

❶ SAT IN   ❷ EXT (TV)   ❹ LAN   ❻ DC POWER
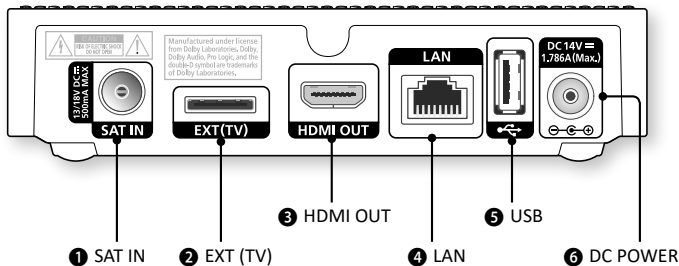
❶	To connect the Satellite antenna cable from your cable system.
❷	To connect a TV with a SCART gender cable.
❸	To connect to TV with an HDMI cable.
❹	LAN connection to router for future usages
❺	Port that connects to the external USB flash device.
❻	To connect external power adapter.

REMOTE CONTROL

This section describes the function of each button on a remote control.

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Put the STB in stand-by mode (no signal to TV).

Press number buttons to enter numeric value or to access channels directly.

Switch to TV channel list or Radio channel list.

Used to toggle between normal & muted audio.

Volume adjustment.

Used to open up the menu.

Displays favourite channels.

Used to open Tools submenu in channel list.

Move the highlight bar for selecting options on the menu.

Return to the previous menu.

To execute as corresponding colors shown on the menu.

Display Teletext pages if available.

Used to select an audio track available for current channel.

TV power on/off.

Tune to the previously viewed channel.

Press to change TV or Radio channels.

Displays the scanned channel list.

Displays the EPG (Electronic Program Guide.)

Displays the program information in the screen.
Press it once and channel information appears.
Press it twice and detailed information appears.

Enter and confirm any data to the receiver in the menu system.

Press to exit the menu.

Used to select a subtitle available for current channel.

Used to control the media playback.

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Installing batteries

> ▶ If the remote does not operate properly:
> - Check the polarity +/– of the batteries.
> - Check if the batteries are drained.
> - Check if the remote sensor is blocked by obstacles.
> - Check if there is any fluorescent lighting nearby.

> ▶ Dispose of batteries according to local environmental regulations. Do not put them in the household trash.
> ▶ Two identical and new batteries should be used for the remote control.
> ▶ When a remote control is not used for a long time, remove the batteries.

Setting the Remote Control to Operate Your TV

- **To determine whether your television is compatible, follow the instructions below.**

1. Turn your television on.

2. Point the remote control towards the television.

3. Press the **TV** button to set the remote to TV mode.

4. Press and hold the **TV** button, and then enter the two-figure code in the table to the right that corresponds to the brand of your television by pressing the appropriate number buttons.
   If your television is compatible with the remote control, it will turn off. The remote is now programed to operate the TV.

> ▶ If several codes are listed for your television brand, try each one in turn until you find one that works.
> ▶ If you replace the remote control's batteries, you must set the brand code again.

You can control the TV function below with this remote control.

Button	Function
TV	Use to turn the television on and off.

> ▶ The function above will not necessarily work on all televisions. If you encounter problems, use the TV remote control.

TV control Pannel

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Brand	Code
SAMSUNG	TV+01, +02, +03, +04, +05, +06, +07, +08, +09
AIWA	TV+82
ANAM	TV+10, +11, +12, +13, +14, +15, +16, +17, +18
BANG & OLUFSEN	TV+57
BLAUPUNKT	TV+71
BRANDT	TV+73
BRIONVEGA	TV+57
CGE	TV+52
CONTINENTAL EDISON	TV+75
DAEWOO	TV+19, +20, +23, +24, +25, +26, +27, +28, +29, +30, +31, +32, +33, +34
EMERSON	TV+64
FERGUSON	TV+73
FINLUX	TV+06, +49, +57
FORMENTI	TV+57
FUJITSU	TV+84
GRADIENTE	TV+70
GRUNDIG	TV+49, +52, +71
HITACHI	TV+60, +72, +73, +75
IMPERIAL	TV+52
JVC	TV+61, +79
LG	TV+06, +19, +20, +21, +22, +78
LOEWE	TV+06, +69
LOEWE OPTA	TV+06, +57
MAGNAVOX	TV+40
METZ	TV+57
MITSUBISHI	TV+06, +48, +62, +65
MIVAR	TV+52, +77
NEC	TV+83
NEWSAN	TV+68

Brand	Code
NOBLEX	TV+66
NOKIA	TV+74
NORDMENDE	TV+72, +73, +75
PANASONIC	TV+53, +54, +74, +75
PHILIPS	TV+06, +55, +56, +57
PHONOLA	TV+06, +56, +57
PIONEER	TV+58, +59, +73, +74
RADIOLA	TV+06, +56
RADIOMARELLI	TV+57
RCA	TV+45, +46
REX	TV+74
SABA	TV+57, +72, +73, +74, +75
SALORA	TV+74
SANYO	TV+41, +42, +43, +44, +48
SCHNEIDER	TV+06
SELECO	TV+74
SHARP	TV+36, +37, +38, +39, +48
SIEMENS	TV+71
SINGER	TV+57
SINUDYNE	TV+57
SONY	TV+35, +48
TELEAVA	TV+73
TELEFUNKEN	TV+67, +73, +75, +76
THOMSON	TV+72, +73, +75
THOMSON ASIA	TV+80, +81
TOSHIBA	TV+47, +48, +49, +50, +51, +52
WEGA	TV+57
YOKO	TV+06
ZENITH	TV+63

Connections

This section describes the connection to peripherals. Connect the peripherals (TV, DVD, etc.) referring to the descriptions in the following page.
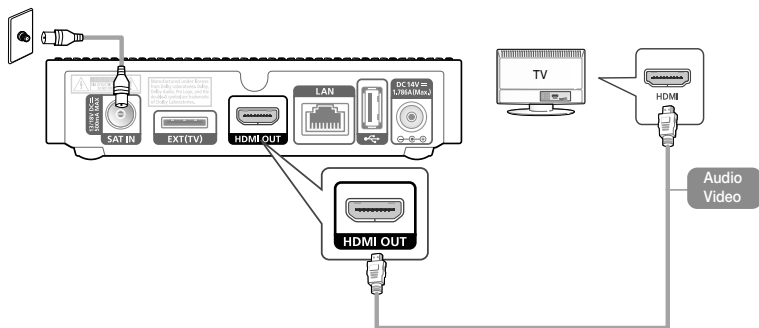
CONNECTING TO A TV

You can connect your product to your TV using one of the methods illustrated on page 16 or 18.

Method 1)
Connection to a TV with the HDMI Port

This section describes how to connect to a TV with an HDMI cable.

1. Connect the product to your TV using an HDMI cable.

2. Turn on the product and TV.

3. Press the input selector on your TV remote control until the signal from the product appears on the TV screen.

▶ High Definition Multimedia Interface (HDMI) is a video-audio integrated port to provide high definition images by connecting a STB to an HD TV. Connect it to the HDMI input port (not output port) on an HD TV.

> ▸ Do not connect the power cord until you have made all the other connections.
>
> ▸ When you change connections, turn off all devices before you start.
>
> ▸ An HDMI cable outputs digital video/audio, so you don't need to connect an audio cable.
>
> ▸ If you use an HDMI-to-DVI cable to connect to your display device, you must also connect the Digital Audio Out on the product to an audio system to hear audio.
>
> ▸ Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
>
> ▸ When you connect the product to your TV for the first time using an HDMI cable or connect it to a new TV using an HDMI cable, it will automatically set the HDMI output resolution to the highest supported by the TV.
>
> ▸ HDMI outputs only a pure digital signal to the TV.
> If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.

Supported HDMI CEC function on Remote control

Anynet+ is a convenient function that offers linked operations with other Samsung products that have the Anynet+ feature. To operate this function, connect this product to an Anynet+ Samsung TV using an HDMI cable.

The STB supports HDMI Anynet+ functionality (extensions of the HDMI CEC standard). This makes it possible to control the STB using a TV remote control (or to control the TV using the STB remote control in the case of the automatic power on function).

Supported functions are:

• Automatic power off (when the Standby button is pressed on the TV, the TV goes to standby mode together with the STB)

• Automatic power on (when the Standby button is pressed on the STB, the STB wakes up from standby mode together with the TV)

• Remote control command sending; the following remote control buttons are supported: channel change, menu, guide, channel list and arrows.

Method 2)
Connection to a TV with the EXT(TV) Port - Scart Connection

This section describes how to connect to a TV with Scart cable.

SCART Gender Cable
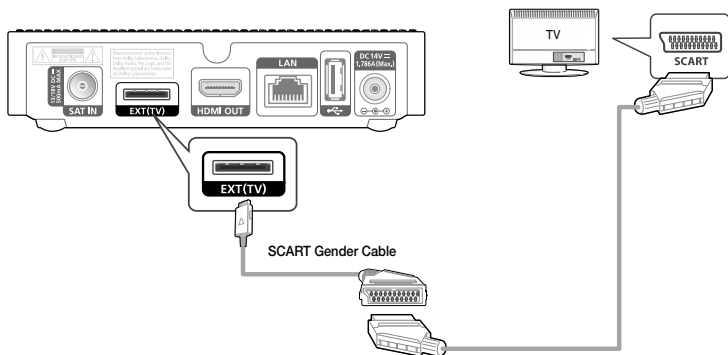
1. Connect the small end of the Scart cable gender(supplied) to the EXT(TV) port at the rear of your STB.

2. Connect the large end(scart jack) of the Scart cable gender to your TV using an scart cable(not supplied).

3. Turn on the product and TV.

4. Press the input selector on your TV remote control until the signal from the product appears on the TV screen.

SAT IN Connection

Connect an RF coaxial cable(not supplied) to the satellite wall outlet and the **SAT IN** port at the rear of the STB.

CONNECTING TO AN AUDIO SYSTEM

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Audio / Video
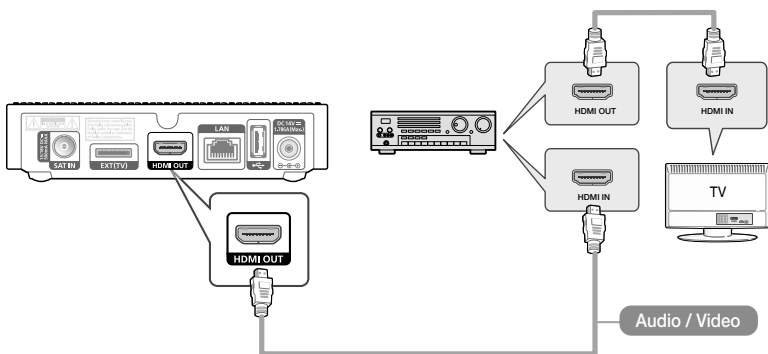
1. Connect the product to an audio system using one of the two methods illustrated above.

2. Turn on the product, audio system, and TV.
- Do not connect the power cord until you have made all the other connections.
- When you change the connections, turn off all devices before you start.

3. Press the input selectors of the connected audio system and TV until the video signal from the product appears on your TV and you hear the audio signal through your audio system.

Connecting to an HDMI supported AV receiver

• Use an HDMI cable (not included)

CONNECTING THE POWER

After connecting your STB to your TV, connect the included power adaptor to the STB, and then plug the power adaptor with power cord into a wall socket. When you plug in the power adapter for the first time, the STB will turn on automatically and display the first installation screen.

To turn off the product, press the **Power** button on your remote control. To turn it on, press the **Power** button again.

Power Adapter

Power Cord
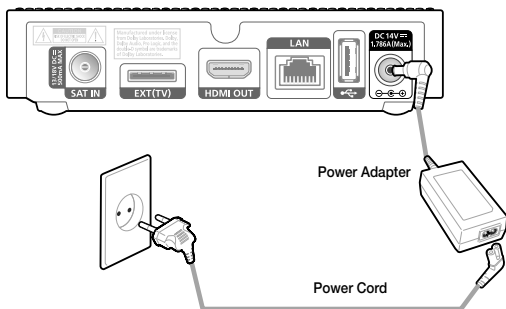
> ▶ If power is disconnected from the STB while it is operating normally, the product will turn on automatically when power is reconnected.

Settings

THE SETUP PROCEDURE

• The OSD (On Screen Display) of this product may change after you upgrade the software version.

   ⚠️   ▶ You can download the latest user manual on www.samsung.com/de

• The access steps may differ depending on the menu you selected.

Turn on your TV after connecting the STB. When you connect the STB to a TV for the first time, the product turns on automatically and the first installation screen appears. See 'Run the first installation procedure' below.
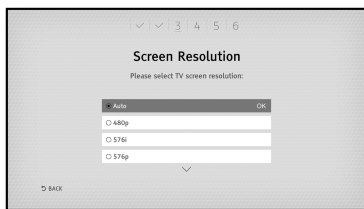
   ⚠️   ▶ When you connect the power to the STB for the first time, the product turns on automatically. This is normal operation.

Run the first installation procedure

1. Plug in the STB, and then turn on your TV. When you connect the STB to a TV for the first time, the product turns on automatically and the first installation screen appears. If the installation screen does not appear, change the TV's source setting to the source you've connected the product to (for example, HDMI 1, HDMI 2). For instructions, see your TV's user's manual.

2. Use the ▲▼ buttons to select your language and then press the ⏎ button on the remote control to confirm.

3. Use the ▲▼ buttons to select Screen Ratio and then press the ⏎ button on the remote control to confirm.
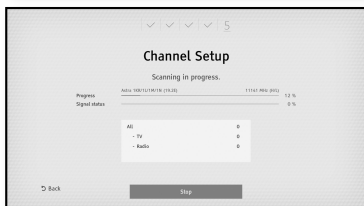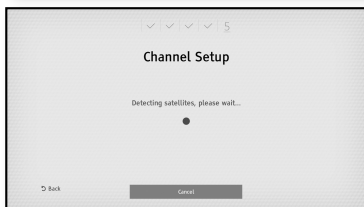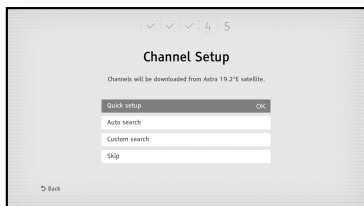

21
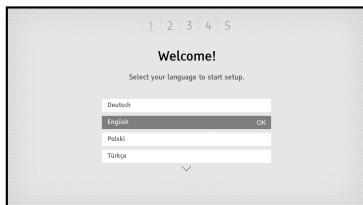
4. Use the ▲▼ buttons to choose a resolution, and then press the ⏎ button on the remote control.

> ✓ ✓ 3 4 5 6
>
> ### Screen Resolution
> Please select TV screen resolution:
>
> • Auto   OK
> ○ 480p
> ○ 576i
> ○ 576p
>   ∨
> ↺ BACK

5. Use the ▲▼ buttons to choose a search type, and then press the ⏎ button.

- **[Quick Setup]** : Channel List will be downloaded from Astra 19.2°E satellite. Free-to-air channels will be available only.

- **[Auto Search]** : Auto search performs automatic satellite installation detection and then starts searching for all Free-to-air channels on Astra 19.2°E and Eutelsat HotBird (13°E) satellites.

- **[Custom Search]** : Custom search allows manual satellite selection and then starts searching for services available on the selected satellite. LNB settings can be configured.

- **[Skip]** : All previous settings as (language, aspect ratio, screen resolution, etc) will be saved but the service scanning will not performed.

> ✓ ✓ ✓ 4 5
>
> ### Channel Setup
> Channels will be downloaded from Astra 19.2°E satellite.
>
> Quick setup   OK
> Auto search
> Custom search
> Skip
>
> ↺ Back

> ✓ ✓ ✓ ✓ 5
>
> ### Channel Setup
>
> Detecting satellites, please wait...
>   ●
>
> ↺ Back   Cancel

> ✓ ✓ ✓ ✓ 5
>
> ### Channel Setup
> Scanning in progress.
> Astra 100/12/M/7/8 (19.2E)   11167 MHz (001)
> Progress   13 %
> Signal status   0 %
>
> All   0
> - TV   0
> - Radio   0
>
> ↺ Back   Stop

> ⚠ ▶ Channels scanning will be possible by Menu > **[Settings]** > **[Channel]**.
> It is possible to perform various types of scanning and choose suitable satellite installation in Expert Mode. Refer to page 26.

6. After successful scanning, a results screen appears with showing the numbers of the TV and radio channels found. Select **[Save]** and press the ⏎ button to confirm.

> ⚠ ▸ Auto scanning can take several minutes depending on the satellite selected.
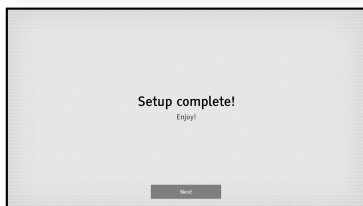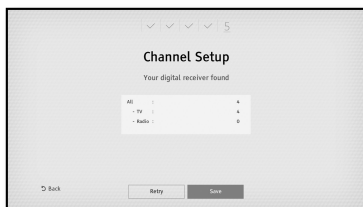
MAIN MENU

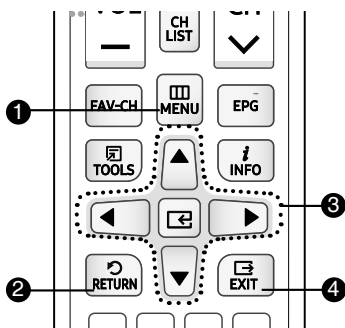|	
❶	**EPG** : View the program schedule, select programs to watch, and view information about future programs. (See page 47.)
❷	**Channel** : Displays the list of channels memorized. (See page 48.)
❸	**Media** : Plays video, music or photos from an external USB flash device. (See page 51.)
❹	**Info** : Displays information about the channel currently being watched. (See page 45.)
❺	**Settings** : Set various functions to suit your personal preferences. (See pages 25~42.)

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ACCESSING THE SETTINGS SCREEN

1.   Press the **MENU** button on the remote control. The Main menu appears.

2.   Select **[Settings]**, and then press the ⏎ button.

3.   To access the Settings menus, sub-menus, and options, please refer to the remote control illustration and the Settings Control Button table in the below.

Remote Control

Settings Control Button Table

❶	**MENU** Button : Press to show the Main menu.
❷	**RETURN** Button : Return to the previous menu.
❸	⏎ **(Enter) / DIRECTION** Buttons : Press the ▲ ▼ ◀ ▶ buttons to move the cursor or select an item. Press the ⏎ button to activate the currently selected item or confirm a setting.
❹	**EXIT** Button : Press to exit the current menu.

CHANNEL

You can configure various channel options.
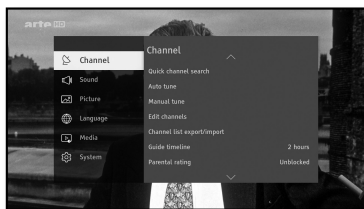
Auto tune

Channels will be scanned from selected satellite.

[Scan mode]: Free-to-air channels or all channels will be scanned.

[LNB Settings]: The possibility to change LNB setting suitable for user's satellite infrastructure.

[Reset channel list]: When "On", all the previously scanned services will be deleted.
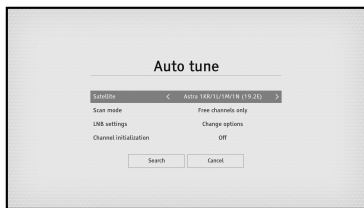
> ⚠ ▶ If an index of channels already exists, it will be overwritten.

Manual tune

To scan the channel list of a satellite manually, follow these steps:

1. Select the **[Channel]** option using the ▲/▼ button, and then press the ▶ button.

2. Select the **[Manual tune]** option using the ▲/▼ button, and then press the ▶ button.

3. Select an option you want using the ▲/▼ button, and set its value using the ◀/▶ button.

4. When you are finished setting options, select **[Search]**, and then press the ⏎ button to confirm.
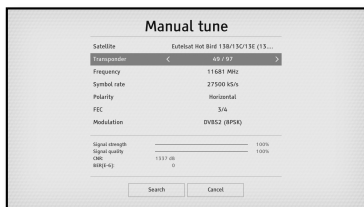
Edit Channels

To edit channel list manually, follow these steps:

1. Select the channels you want to edit on the list using the ▲/▼ buttons, and then press the ⊡ button or use predefined selections using **[Select...]** option.

2. Select the action using the ▲/▼/◄/► buttons, and then press the ⊡ button.

3. When you are finished editing, press **EXIT** button on the remote control.

Channel list export/import

This option allows to export or import a current channel list and all favorite channel lists to an external USB drive.

To export a channel list, follow these steps:

1. Put USB flash memory to STB.

2. Select **[Export]**.

3. Select a destination folder.

4. Press "**Yellow**" [Export] key.

To import a channel list, follow these steps:

1. Put USB flash memory to STB.

2. Select **[Import]**.

3. Provide STB PIN.

4. Select a destination folder containing a stored channel list you want to import.

5. Press "**Yellow**" [Import] key.

Guide Timeline

This menu specifies the standard for setting the time interval for the display of the program list on a channel guide screen. The longer the interval the more programs can be checked on a single screen.

Parental Rating

You can set up an age to block channels with higher rating.
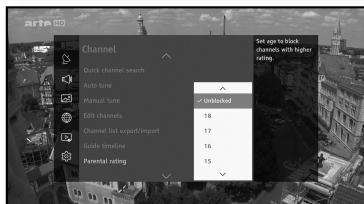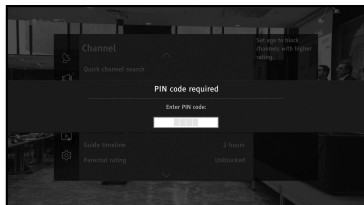
Tuners info

You can check quality and status of a satellite signal.

Expert mode

Select **[On]** to turn on expert mode options.
When expert mode is on, additional menu options are available:

ENG

[Installation type]

Your product allows controlling the position of the satellite positioner. You can choose one of the two possible installation types:

- **[LNB]** if you use a regular LNB based infrastructure.
- **[SATCR]** for single cable distribution system.
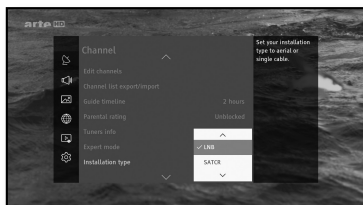
Changing between those installation types will cause removing all services and Favourite Lists. You will be asked to confirm whether this operation should be proceeded or not.

1. If the **[Installation type]** option is set to **[LNB]**, additional **[LNB settings]** and **[Positioner]** will appear in the **[Channel]** menu.

[LNB Settings]

It is possible to change current LNB settings in accordance with your antenna configuration.
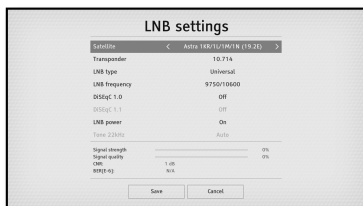
[Positioner]

In this option you can disable or enable chosen type of positioner.
You can select one of the following option:

- **[None]** if you do not use a positioner device.
- **[DiSEqC motor]** for regular motor controlled positioner.
- **[USALS]** for USALS compatible motor.

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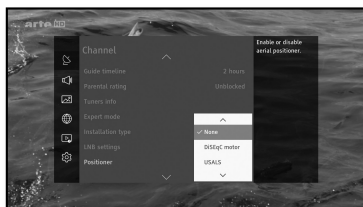
[Positioner settings]

If the **[Positioner]** option is set to **[DiSEqC motor]** or **[USALS]** additional **[Positioner Settings]** option will appear in the **[Channel]** menu. You are able to use one of the following options:

[User settings] or **[Installer setting]** for either positioner.
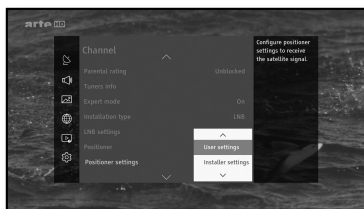
[Installer settings]

These settings should be done while mounting the antenna with a motor and shouldn't be changed during normal use. It is to set limits on the positioner motor if the satellite dish can't move over whole driver angle (~180 degrees). These limits are important, because if on the way of the dish from one side you have the wall and someone remove the limits from this side dish can be destroyed.

In the **[Installer settings]**, you will be able to:

- Set East limit
- Set West limit
- Go to initial position
- Disable limits

[DiSEqC motor] [User settings]

In the **[User settings]** menu when **[DiSEqC motor]** option is chosen, you are able to:

- drive west
- drive east
- store position
- move to stored position

For drive west/east two options are possible

- **[Continuous]**: If you press the button, the motor drives until the button is released.
- **[Step]**: If you press the button, the motor drives by several degrees only.

Each satellite has its own slot number. So after correct dish adjustment, you must store it as the current position. This stored position will be used for the dish moving during scanning or channel change.

[USALS] [User settings]

In the **[User settings]** menu when **[USALS]** option is chosen, you are able to:

- set longitude
- set latitude
- move to set position
- move to position 0

Each satellite has its own slot number. So after correct dish adjustment, you must store it as the current position. This stored position will be used for the dish moving during scanning or channel change

1. If the **[Installation type]** option is set to **[SatCR]**, additional **[Single Cable settings]** option will appear in **[Channel]** menu.

ENG

User settings

Satellite	< Astra 1KR/1L/1M/1N (19.2E) >
Slot No.	None
Transponder	10.714
Motion mode	Continuous

< West   Stop   East >

Assign sat. position

Go to sat. position

Signal strength   0%
Signal quality   0%
CNR: 1 dB
BER(E-6):   N/A

Save   Cancel

User settings

Satellite	< Astra 1KR/1L/1M/1N (19.2E) >
Transponder	10.714
Longitude	0.0° E
Latitude	0.0° N

Go to sat. position

Go to position 0

Signal strength   0%
Signal quality   0%
CNR: 1 dB
BER(E-6):   N/A

Save   Cancel

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[Single Cable settings]

[SatCR] allows connection up to 8 STBs via single coaxial cable.

There are 4 and 8 slot devices available on the market. Each device must be assigned to unique slot number and its corresponding frequency. Splitters must be used to connect STBs to common coaxial cable.

SatCRs support switching between two satellites (**[Port A]** and **[Port B]**) but only few devices have implemented this functionality.

Single Cable settings	
Slot No.	‹ Slot No. 1 ›
Frequency	1210 MHz
Port A	Astro 1KR/1L/1M/1N (19.2E)
Port B	Türksat 3A/4A (42.0E)
	Set Cancel
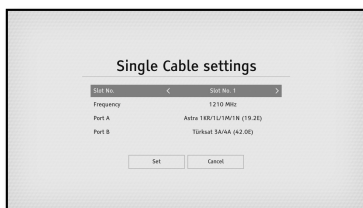
SOUND

You can configure various audio options such as the **[Prefered audio type]**, **[Digital volume control]**, etc.

Preferred audio type

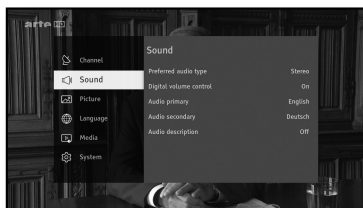This allows selection of which audio type (Stereo or Multi-channel) should be used when both are available on the service selected.

Digital volume control

This menu allows turning on/off volume control for HDMI and SPDIF digital outputs. If this setting is set to **[Off]**, then the volume of some audio formats, such as AC3, cannot be controlled by the STB. If this setting is set to **[On]**, you can control the volume but the digital audio output becomes available in PCM format instead.

Audio primary

You can change the audio language other than your preferred Audio language.

Audio secondary

You can change the language for the Audio secondary, which is available if an Audio secondary service is provided by the program provider.

> ➤ Audio primary and secondary options are settings for audio tracks selection preference. That is, when primary set to Deutsch, and secondary to English, an Deutsch track will be selected by default, if available. If Deutsch track is unavailable, English track will be selected.

Audio description

You can turn on/off audio description of the visual scene.

PICTURE

You can configure various display options such as the **[Screen resolution]**, **[HDMI aspect ratio]**, etc.
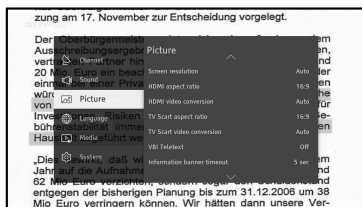
Screen resolution

This allows you to set the output resolution of the video signal. The number indicates the number of lines of video per frame. The i and p indicate interlaced and progressive scan, respectively. The more lines, the higher quality.

HDMI aspect ratio

This lets you adjust the output of the STB to the screen size of your TV when you connect them by using an HDMI cable.

HDMI video conversion

This allows you to change the screen output type when you connect them using an HDMI cable.

HDMI aspect ratio	HDMI video conversion
4:3 Setting for how standard programs display on a widescreen TV	[Auto], [Letter box], [Centre cut out], [Stretch], [None]
16:9 Setting for how widescreen programs display on a standard TV	[Auto], [Pillar box], [Centre cut out], [Stretch], [None]

TV Scart aspect ratio

This lets you adjust the output of the STB to the screen size of your TV when you connect them by usng a TV Scart cable.

TV Scart video conversion

This allows you to change the screen output type when you connect the TV and STB by using a Scart cable. Screen output types are the same as the HDMI video conversion. Refer to the above table of HDMI video conversion.

VBI Teletext

This allows you to enable or disable VBI teletext.

Information banner timeout

This allows you to change the display time for the service information that appears at the top of the screen when you change channels or press the **INFO** button.

Screen saver

You can set the time delay for the screen saver.

If there is no input from the remote control for a given period of time, the menu window disappears and the screen saver is activated.

▶ The screen saver is enabled only when any part of OSD is visible. It will be never shown when STB menu is off.

LANGUAGE

You can configure on-screen message language as well as subtitle languges. The selected language will only appear if it is supported.
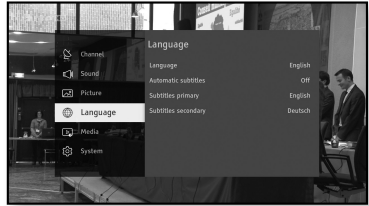
Language

On Screen Display (OSD) is used to change the language of the menu screen.

Automatic subtitles

This allows you to enable/disable subtitles, or change to Hearing Impaired.
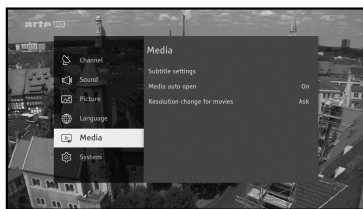
Subtitles primary

This allows you to change the primary language for the subtitles.

Subtitles secondary

This allows you to change the secondary language for the subtitles. Subtitles are available when a secondary language service is provided by the program provider.

MEDIA

You can play contents by using a USB flash device.

Subtitle settings

Subtitle settings is a functionality that configure subtitle settings for media (size, color, position, encoding).
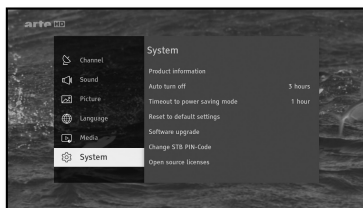
Media auto open

Allows you to automatically open the media when a USB memory stick is inserted.

Resolution change for movies

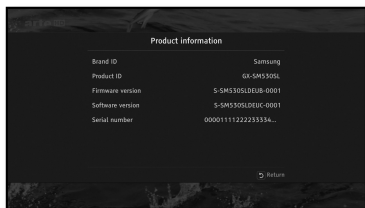You can change resolution to 1080p24 for movies with framerate 24 FPS.

SYSTEM

You can check product information or reset the
STB to default settings.

Product information

This menu displays the product information:
[Brand ID], **[Product ID]**, **[Firmware version]**,
[Software version], and **[Serial number]**.

Auto Turn Off

This lets you set the STB go into the standby mode automatically from live mode if your STB is
not being used for the setting up time.

When **[Auto turn off]** is set to one of the available timeout values and the STB is idle for a
certain period of time, the product saves energy by turning off the STB automatically.

Timeout to Power Saving Mode

This lets you set the STB go into the deep standby mode automatically from the standby
mode. The Power saving mode means the most low power mode. STB is required to reboot
when user press power button of front panel or remote controller.

When **[Timeout to power saving mode]** is set to one of the available timeout values and the
STB gets turned off for a certain period of time on the standby mode status, the product saves
energy the most by powering off the STB automatically.

Reset to default settings

Resets all settings to their default settings. The default PIN is 0000.

To Reset to the default, follow these steps:

1. Press the **MENU** button.

2. Select **[Settings]** > **[System]**, and then press the ▶ button.

3. Select **[Reset to default settings]**, and then press the ▶ button.

4. Enter the PIN code by using the number buttons.

5. Select **[Reset to defaults]**, and then press the ⏎ button to confirm.

6. When the factory reset is, completed the product will restart and the first installation procedure starts again on the screen.

ENG
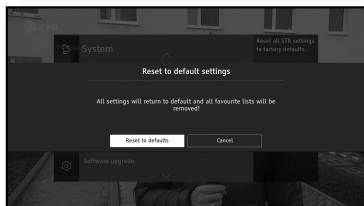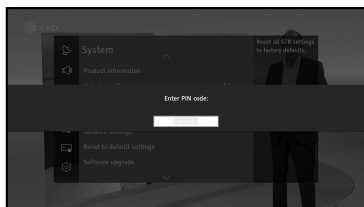
> ▶ You must enter your 4 digit PIN by using the number buttons on the remote control to access the Reset function.
> If you have not set a PIN, use the default PIN: 0000.
>
> ▶ Please note that once you perform the **[Reset to default settings]**, all data such as the channel setting, channel list and all user configured data will be deleted.

Software Upgrade

The Software Upgrade menu allows you to upgrade the STB's software for performance improvement or additional services.
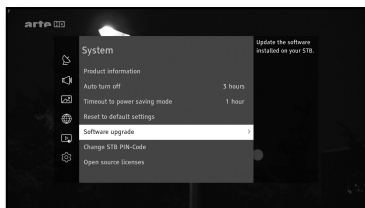
▸ Never turn the STB off during the Upgrade process.

▸ When the Upgrade is completed, the STB turns off and then turns on again by itself.

▸ SAMSUNG ELECTRONICS takes no legal responsibility for STB malfunction caused by consumer negligence during a software Upgrade.

▸ If the main image is broken and it is impossible to perform a software Upgrade from the menu, the **Force Update** function can be used.
Reboot the STB and keep pressing the **POWER** button on the front panel. The Loader application will try to update the image from USB.

Update by USB

You can update the software by using a USB flash drive.

1. Visit www.samsung.com/de

2. Click **SUPPORT** > **Startseite** on the top right of the page.

3. Enter the product's model number into the search field. As you enter the model number, a drop down will display products that match the model number.

4. Left click your product's model number in the drop down list.

5. On the page, that appears, then scroll down and then find Firmware.

6. Click "**Datei Upgrade File(USB type)(MainAppImage)**" for Main SW Image.

7. Click Send in the first pop-up that appears.
Click OK in the second pop-up to download and save the firmware file to your PC.

8. Copy the files(**MainAppImage.bin** and **LoaderImage.bin**) to the main directory of your USB flash drive.

9. Insert the USB flash drive into the USB port of the STB.

10. In the STB's menu, go to **[Settings]** > **[System]** > **[Software upgrade]**.

11. Select **[USB]** in the mode and select **[Search]**, and then press the ⏎ button on the remote control.

12. The STB searches for the software on the USB drive. When it finds the software, the software can be updated.

**13.** The STB turns off and then turns on automatically to upgrade the software.

> ⚠ ▸ When the software upgrade is done, check the software details in **[Settings]** > **[System]** > **[Product Information]**.
>
> ▸ Do not turn off the STB during the software Update. It may cause the product to malfunction.
>
> ▸ Software Updates using the USB jack must be performed with a USB flash memory stick only.

Change STB PIN-Code

This function works in conjunction with the Parental Rating function which requires you to enter a PIN before it allows access.

You can change the 4-digit PIN used to access the Parental Rating function. To change the PIN, follow these steps:

1. Press the **MENU** button on the remote control.

2. Select **[Settings]** > **[System]** and then press the ▶ button.

3. Select **[Change STB PIN-Code]**, and then press the ▶ button.

4. Under **[Current STB PIN code]**, enter the old PIN by using the number buttons on your remote.

5. Under **[New STB PIN code]**, enter the new PIN by using the number buttons.

6. Under **[Confirm new STB PIN code]**, enter the new PIN again.

7. Select **[Save]**, and then press the ⏎ button on your remote. When the PIN is changed successfully, then **[PIN code changed]** message appears.
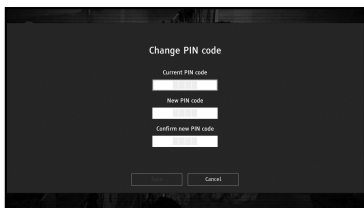
> ⚠ ▶ The default password is set to 0000.

Open Source Licenses

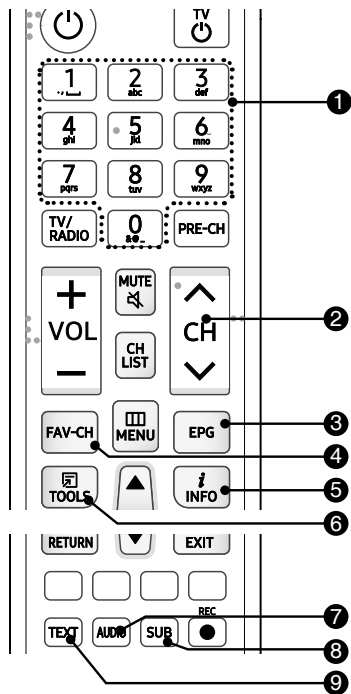This provides information about open source licenses used in the product.

Using the Basic Functions

WATCHING TV CHANNELS

After Auto scanning is completed, you can watch your TV channels.

Using the Remote Control Buttons

To use these buttons, see the table on the right.

❶	**NUMBER** buttons : To move to a TV channel directly, press the number buttons that correspond to the desired TV channel.
❷	**CH** button : Press this button to change TV channels.
❸	**EPG** button : Press this button to open Electronic Program Guide.
❹	**FAV-CH** button: Press this button to display the favourite channel list.
❺	**INFO** button : Press this button to display detailed channel information.
❻	**TOOLS** button : Press this button to use additional options.
❼	**AUDIO** button : Lets you select another audio track in a different language if the TV program provides multi track sound.
❽	**SUB** button : Lets you turn on/off DVB or TXT subtitles in a different language if the TV program provides subtitle tracks.
❾	**TEXT** button : Press this button to display Teletext pages if available. Teletext is a free service broadcast which gives the latest information on news, weather and many other topics. You can use interactive services in teletext mode.

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Switching Channel

You can switch the current channel by pressing the **CH** button or entering the channel number directly using the **NUMERIC**(0-9) buttons.

- Press the **TV/RADIO** button to switch between TV channels and radio channels.
- You can switch channels by using the channel list, program banner or TV guide.
- To return to the previous channel, press the **PRE-CH** button.

Volume Control

You can adjust the volume level using the **VOLUME +/-** button.

- Press the **MUTE** button to disable the audio.
- Press the **MUTE** button again or **VOLUME +/-** buttons in order to enable the audio.

Audio Language

You can select another audio track in a different language available for current channel.

- Press the **AUDIO** button to display audio language banner.
- Use the ▲/▼ button to select preferred language, and then press the ⏎ button.
- Press the **AUDIO** button again or **EXIT** button to close the banner.
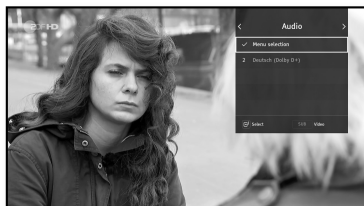
Subtitle Language

You can select another subtitle in a different language available for current channel.

- Press the **SUB** button to display subtitle language banner.
- Use the ▲/▼ button to select preferred language, and then press the ⏎ button.
- Press the **SUB** button again or **EXIT** button to close the banner.
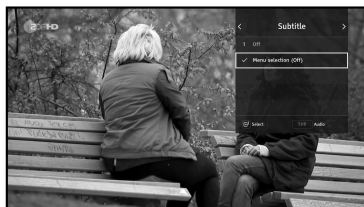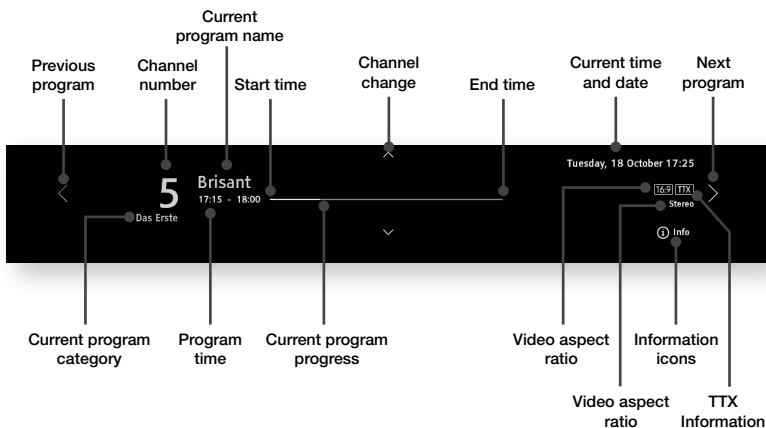
VIEWING THE SERVICE INFORMATION

Pressing the **INFO** button displays a channel information.

Pressing the **INFO** button on the remote control displays information about the channel being watched. Pressing the INFO banner twice makes more detailed information appear.

Channel Information

You can see the channel info banner by pressing once the **INFO** button while watching a program.

- You can see the next programs on current channel and another channel by using the ▲/▼/◄/► buttons.
- You can check the current program's status (channel, title and broadcast time).

Previous program — Channel number — Current program name — Start time — Channel change — End time — Current time and date — Next program

Current program category — Program time — Current program progress — Video aspect ratio — Information icons

Video aspect ratio — TTX Information

5 **Brisant**
17:15 - 18:00
Das Erste

Tuesday, 18 October 17:25
16:9 TTX
Stereo
ⓘ Info

Display icons

Icon	Definition
HD	HD channel
SD	SD channel
AD	Audio description
___	Subtitle available
TTX	TTX Interface
16:9 4:3	Video aspect ratio
♥	Favourite channel
🔒	Lock channel

Program Information

You can see the synopsis of current watching program by pressing the **INFO** button twice.

• Press the **EXIT** button to close the banner.

VIEWING THE EPG INFORMATION

EPG (Electronic Program Guide) provides users with television, radio, and other media applications with continuously updated menus that display broadcast programming and scheduling information for current and upcoming programs.

The EPG information is provided by broadcasters.

When you press the **EPG** button on the remote control while watching TV program, the EPG screen is displayed.

The color button on the remote control is operated by the functions displayed at the bottom of a screen:

- Press the ▲/▼/◀/▶ buttons to navigate programs.

- Select a channel in the **Guide**, and then press the ⏎ button to jump to that program right away if the program is on now.

- Jump backward/forward two hours by using red or green button.

- Jump backward/forward one day by using yellow or blue button.
  Search by Day/Time/Category/Search Text/Genre using the **TOOLS** button.

- Press the **EXIT** button to return to the program you have been watching in pre-view window.

Viewing Program information

1. Select a channel in the EPG screen, and then press the **INFO** button on the remote control.

2. The program's detail information will appear in the banner on the screen.

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CHANNEL LIST

The Channel list displays the list of channels memorized and indexed during the Scanning process. On the Channel list screen, you can select and change channels, lock and unlock channels, view indexed channels by sort order (name, number), and access and edit Favourites.

Press the **CH LIST** or ⮐ button on the remote control while watching TV program. The channel list will be displayed.
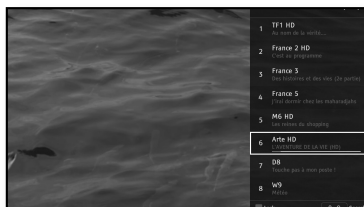
Locking Channel

You can lock a specific channel. Once locked, you must enter your PIN code in order to view those locked channels.

Select a channel in the Channel list, and then press the **Red** button on the remote control to lock a channel.

Favorites List

You can designate frequently watched channels as Favourites. Favourite channels are identified in Edit favourites and the Channel list with the ♥ symbol. You can create new favourite channel list. You can also edit Favourite channel lists.

Create New Favorite Channel List

Add a channel to new favourite channel list.

1. In the Channel list, press the **Yellow** button.

2. Select the **[Create new favourites list]**, and then press the ⏎ button. The virtual keyboard appears.

3. Input the favourite list name using the pop-up keyboard.

4. When finished, select **[Done]** on the keyboard, and then press the ⏎ button. The **[Edit favourite list]** screen appears.

5. In the **[Channel List]** select channel you want to add by highlighting the channel.

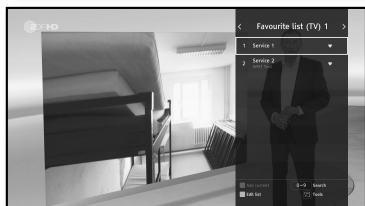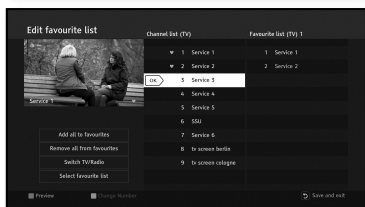6. Press the ⏎ button to add the selected channel to the favourite channel list.

7. If you add all necessary channel to favourite channel list, press the **RETURN** button on the remote control.
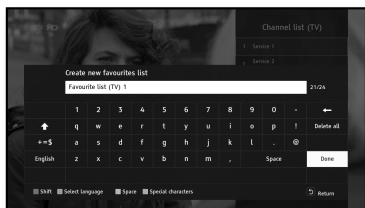
Remove Favorite Channels

Remove channels from a Favourite channels list.

1. In the Channel list, press the **Yellow** button.

2. Press the ▶ button on the remote control to go to a favourite channel list.

3. In the favourites channel list, select channel you want to delete by highlighting the channel

4. Press the ⏎ button to delete the channels from the list.

5. After all modification, press the **RETURN** button on the remote control.

Sorting Channel List

Sort the channels in the Channel list. You can order the list by name or number.

1. In the Channel list, press the **TOOLS** button on the remote control.

2. Select the sort option you want, and then press the ⊡ button.
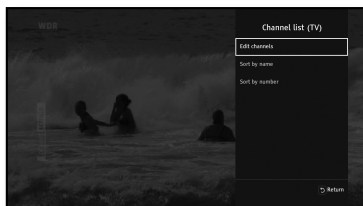
Media Playback

Your STB can play the contents located on the USB devices.
It is also possible to navigate through menus, selecting items, viewing information about items, browsing and playing/viewing an item. You can delete, copy, move, sort, select and deselect all items on the storage medium by pressing the **TOOLS** button and choosing an option from the list. You can also create a new folder on the storage medium by pressing the **TOOLS** button and choosing the option "New folder".

PLAYING FILES ON A USB DEVICE

You can play contents by using a USB flash device.

> ▸ Please note that HDD is not supported.

To connect a USB flash device, follow the following steps:

1. Turn the STB on.

2. Connect the USB flash device containing photos, music and/or movie files to the USB port at the side of the product. USB storage will be detected automatically. Confirm the message when want to enter media player directly.

3. Press the **MENU** button on the remote control.

4. Select **[Media]**, and then press the ⏎ button.

- When the USB flash device is connected to the product, you can see the USB directory on the Media screen.

5. Select **Photo**, **Music**, **Video** or **All**, and then press the ⏎ button.

6. Use the ▲ ▼ buttons to select the desired device and then press the ⏎ button.
Depending on how the contents are arranged, you will see either folders, individual files, or both.

7. If necessary, use the ▲ ▼ buttons to select a folder, and then press the ⏎ button.

8. Use the ▲ ▼ buttons to select a file to view or play, and then press the ⏎ button.

9. Press the **RETURN** button to browse up in a sub folder.

10. Press the **EXIT** button from any position or press the **RETURN** button on the root folder to return to the Live TV.

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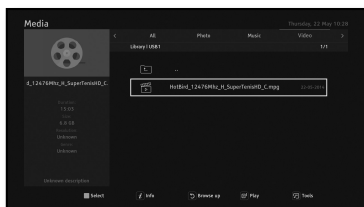
> ⚠ ▸ Even though the STB will display folders for all content types, it will only display files of the Content Type you select in Step 5. For example, if you select music, you will only be able to see just music files. You can change this selection by returning to the Photo, Video and All screen.

CONTROLLING PLAYBACK

You can control the playback of media file located on an external USB flash device. Depending on the contents, some of the functions described in this manual may not be available.

- Press the ▶‖ button on the remote control to pause or resume playback.

- Press the ■ button on the remote control to stop playback.

- During playback or in pause mode, press the **TOOLS** button on the remote control to show progress bar.

- You can see additional information by pressing the **INFO** button on the remote control if a file has additional information.

> ⚠ ▸ Depending on the USB flash device, the Tools menu may differ. All options may not be displayed.

To Delete the Files

1. Select the files by pressing the **Yellow** button on the remote control.

2. Press the **TOOLS** button on the remote control.

3. Select **[Delete]** on the pop-up window.

4. Confirm with the ⏎ button on the remote control.

To Copy the Files

1. Select files by pressing the **Yellow** button on the remote control.

2. Press the **TOOLS** button on the remote control.

3. Select **[Copy]** on the pop-up window.
   - Press the **Green** button to create a new folder.
   - Press the **Red** button to see the root folder.

4. Select the destination folder to be copied by navigating in the pop-up window.

5. Press the **Yellow** button to confirm.

To Move the Files

1. Select the files by pressing the **Yellow** button on the remote control.
2. Press the **TOOLS** button on the remote control.
3. Select **[Move]** on the pop-up window.
   - Press the **Green** button to create a new folder.
   - Press the **Red** button to see the root folder.
4. Select the destination folder to be copied by navigating in the pop-up window.
5. Press the **Yellow** button to confirm.

To Create a New Folder

1. Press the **TOOLS** button on the remote control.
2. Select **[New Folder]** on the pop-up window, and then press the ⏎ button on the remote control.
3. Input the name of the new folder by using the ▲/▼/◀/▶ and ⏎ buttons on the remote control.
4. Confirm with the **[Done]** button on the pop-up window.

To Sort the Files

1. Press the **TOOLS** button on the remote control.
2. Select **[Sort]** on the pop-up window, and then press the ⏎ button on the remote control.
3. Choose the sorting mode and the sorting order you want to do.
4. Confirm with the ⏎ button on the remote control.

To Select All the Files

1. Press the **TOOLS** button on the remote control.
2. Select **[Select all]** on the pop-up window, and then press the ⏎ button on the remote control.

To Deselect All the Files

1. Press the **TOOLS** button on the remote control.
2. Select **[Deselect all]** on the pop-up window, and then press the ⏎ button on the remote control.

Appendix

TROUBLESHOOTING

No operation can be performed with the remote control.

- Check the batteries in the remote control. They may need replacing.
- Operate the remote control at a distance of no more than 6.1 m.
- Remove the batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote control to reset it. Reinstall the batteries and try to operate the remote control again.

Play mode differs from the [Media] Menu selection.

- Some of the functions selected in the **[Media]** Menu may not work properly if the content file is not encoded with the corresponding function.

The screen aspect ratio cannot be changed.

- This is not a problem with the STB.

No sound comes out from TV or audio equipment.

- If the cable is connected normally, check if the **MUTE** function is enabled. If the **MUTE** function is enabled, press the **MUTE** button on the remote control to disable it.

Blank screen, No HDMI output or No SCART output.

- Check if your TV set is power ON
- Check if your STB is power ON
- Check the connection between the TV input port set and the STB output port.
- Check if your TV input source is correct
  - When you use HDMI, then the TV input source must be [HDMI] or the connected [HDMI (port No)] if there are one more HDMI input ports.
  - When you use SCART, then the TV input source must be [AV]. The use of SCART isn't recommended due to the low resolution.
- If the HDMI output is set to a resolution your TV cannot support (for example, 1080p), you cannot see a picture on your TV.
- Press the **MENU** button and then select **[Auto]** or the TV possible resolution option in **[Settings]** > **[Picture]** > **[Screen resolution]** in another TV which supports the setup resolution on the STB(for example, 1080p).
  - When you select **[Auto]**, the maximum resolution is set up available on TV.
- Press the **MENU** button and then select **[Settings]** > **[System]** > **[Reset to default settings]** in another TV which supports 1080p. When the factory default settings are restored, all stored user data is deleted.

ENG

Forgot password

• Call the service center of Samsung Germany.

  - Samsung Germany Call center: 01806 7267864

If you experience other problems.

• Go to the table of contents and find the section of the user manual that contains the explanations regarding the current problem, and follow the procedure once again.

• If the problem still cannot be solved, please contact your nearest Samsung authorized service center.

  - Samsung Germany Call center: 01806 7267864

Abnormal HDMI output screen.

• If random noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).

• Plug Out/In the TV and the STB again.

First installation screen is shown again after performing the [Reset to default settings].

• It is a correct operation. When you perform the **[Reset to default settings]** in **[Settings]** > **[System]**, All settings including the PIN will revert to the factory settings. When the factory default settings are restored, all stored user data is deleted.

During the booting, 'No signal' screen keeps over one minute.

• Check if your STB is power ON

• Check the connection between the TV input port set and the STB output port.

• Plug out the STB for over 2 seconds and then plug it in.

SPECIFICATIONS

Model Name

- GX-SM530SL

General

- Net Weight: 0.23 Kg
- Dimensions: 142(W) x 93 (D) x 34(H) mm
- Operating Temperature Range:
  5 °C to +45 °C
- Operating Humidity Range: 10 % to 90 %

Video Output Resolution

- Auto, 576p, 720p, 1080i, 1080p50

Audio Output Format

- PCM, Dolby Digital Plus

Input Connector Type

- Female connector follow IEC 60169-2 [4]
  input impedance 75 Ω

Audio/Video Output Port

- Digital Audio/Video : 1 x HDMI 1.4a
- Analog Video : 1 x mini SCART

USB port

- USB 2.0 Host x 1 (500 mA)

Power

- Power Consumption
  Active Mode: 6 W typical,
                21 W at full load
  Power Saving Mode: 0.2 W
- Power Supply :
  Rated Voltage, Frequency VAC
  100 - 240 V, 50 Hz ~ 60 Hz (Max. 25W)
- Input Power Rating:
  DC 14 V ⎓ / 1.786 A (Max.)

Network

- Wired LAN: RJ-45 Ethernet Port x 1,
               10/100 Mbps

Satellite

- DVB-S/S2 Input Frequency Range:
  950 ~ 2150 MHz
- Input Signal Level: -25 ~ -60 dBm
- Modulation
  DVB-S : QPSK
  DVB-S2 : QPSK, 8PSK
- LNB Voltage : 13 V / 18 V
- LNB Tone
  Frequency : 22 KHz ± 4 KHz
  Amplitude : 650 mVpp ± 250 mV
  Duty Cycle : 50 % ± 10 %
- DiSEqC 1.3
- Unicable I (EN50494)

- ▸ Network speeds equal to or below 10 Mbps are not supported.
- ▸ Design and specifications are subject to change without prior notice.
- ▸ For the power supply and power consumption, refer to the label attached to the STB.
- ▸ Weight and dimensions are approximate.

Appendix ➤ Licence

LICENCE

- Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio, Pro Logic, and the double-D symbol are trademarks of Dolby Laboratories.

- HDMI Product Notice

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**Samsung Electronics GmbH, Am Kronberger Hang 6,
65824 Schwalbach/Taunus**

**0180 6 SAMSUNG bzw.
0180 6 7267864***
(*0,20 €/Anruf aus dem dt. Festnetz, aus dem Mobilfunk max. 0,60 €/Anruf)
www.samsung.com/de

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   c) Mißbrauch und zweckentfremdete Verwendung des Gerätes sowie falsche Installation;
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- SAMSUNG does not warrant Remote Control related return due to customer's fault, such as Remote Control damage or breakage due to customer's fault, or dead battery of remote control or Antenna or Signal related external problems, such as broadcasting signal not available due to low signal power (not a problem of the Samsung box) and noise added signal from exterior.

EUROPÄISCHE GARANTIEKARTE

OPEN SOURCE ANNOUNCEMENT

Open Source used in this product can be found on the following webpage. (http://opensource. samsung.com) Open Source License Notice is written only English.

DECLARATION OF CONFORMITY

Hereby, Samsung Electronics, declares that this equipment is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address: http://www.samsung.com/de
go to Support > Search Product Support and enter the model name.

This equipment may be operated in all EU countries.

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Memo