Bar code

TOSHIBA

OWNER'S MANUAL

LEDTV

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

DOLBY AUDIO™

43U5069/43U5069EE/43U5069EV/43U5069EA

50U5069/50U5069EE/50U5069EV/50U5069EA

55U5069/55U5069EE/55U5069EV/55U5069EA

58U5069/58U5069EE/58U5069EV/58U5069EA

65U5069/65U5069EE/65U5069EV/65U5069EA

Owner's Record

You will find the model number and serial number on the back of the TV. Record these numbers in the spaces provided below. Refer to them whenever you call upon your TOSHIBA dealer regarding this product.

Model number:

Serial number:

ES-F20230W-1

Contents

Welcome to Toshiba

- Thank you for purchasing this Toshiba LED TV. This manual will help you use the exciting features of your new TV.
- Instructions in this manual are based on using the remote control.
- Please read all safety and operating instructions in this manual carefully, and keep this manual for future reference.
- LED TV is LCD Panel with LED Backlight.

Contents

Disclaimer:

Images throughout this document are for illustrative purposes only and may differ from the actual product.

Designs and specifications are subject to change without notice.

Important Safety Precautions

Be sure to observe the following instructions and precautions to ensure safe use of this TV.

Installation

1. **WARNING: To prevent injury, this apparatus must be securely attached to a stable surface/wall in accordance with the installation instructions.**

   Install the TV in a horizontal, stable location.

   • If the TV is not installed securely, it may lean or fall over and cause an injury.

   • To prevent injury, use the exclusive optional stand or wall-hanging bracket to install this TV on a stable surface or wall securely in accordance with a qualified technician

   • To secure the TV, use a sturdy strap from the hook(s) on the rear of the TV to a wall stud, pillar, or other immovable structure. Make sure the strap is tight, secure, and parallel to the floor.
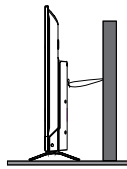
   Only for the model with P-clip

2. **Never place the TV in an unstabilized location such as on a shaky table, incline or location subject to vibration.**

   • Only use cabinets or stands recommended by the TV manufacturer.

   • Only use furniture that can safely support the TV.

   • Ensure that the TV is not hanging over the edge of the supporting furniture.

   • Never place the TV on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the TV to a suitable support.

   • Never stand the TV on cloth or other material placed between the TV and supporting furniture.

   The TV may drop or fall off, which may cause an injury or damage.

3. **Never stand or climb on the TV.**

   • Educate children about the dangers of climbing on furniture to reach the TV or its controls.

   Be especially careful in households with children to prevent them through climbing on top of the TV. It may move, fall over, break, become damaged or cause an injury.

4. **Always connect the power plug to an appropriate electrical outlet equipped with 100-240V AC, 50/60Hz.**

   Never use the TV outside the specified voltage range. It may cause a fire or an electric shock.

   About the fuse

   In a three pin earthing-type, the fuse fitted in this plug is approved by ASTA or BSI to BS1362. It should only be replaced by a correctly rated and approved type and the fuse cover must be refitted.

   About the use

   • Make sure to insert the plugs firmly, when plugging the AC power cord into the TV set end and wall outlet end.

   • Make sure to hold the plug, when unplugging the AC power cord.

   • Never use other cord except for supplied AC power cord, and never use the supplied power cord for any other purpose.

5. **Never insert or remove the power plug with wet hands.**

   This may cause an electric shock.

6. **Never block or cover the slots and openings in the cabinet.**

   • Never place the TV so that it is facing upward or on its side.

   • Never place the TV in a closet, bookcase or other similar area where the ventilation is poor.

   • Never drape a newspaper, tablecloth or curtain on the TV.

   • When installing the TV against a wall, always keep the TV at least 10cm away from the wall.

   • Never place the TV on a soft unstable surface, such as a carpet, or a cushion.

   The inside of this TV will overheat if the ventilation holes are covered, blocked or sealed, which may result in a fire.

7. **Never place the TV near a heater or in direct sunlight.**

   The surface of the cabinet or power cord may melt and result in a fire or an electric shock.

8. **Never place the TV in an area exposed to high humidity levels, such as in a bathroom or close to a humidifier.**

   This may cause a fire or an electric shock.

9. **Never place the TV next to a stove where it will be exposed to oil, smoke, or steam, or in a location where there is a large quantity of dust.**

   This may cause a fire or an electric shock.

10. **Precautions for moving the TV.**

    • When moving the TV, be sure to remove the plug from the wall outlet and disconnect the aerial cable and audio/video cables, any steady ties and mounting screw. A fire or an electric shock may result if the power cord is damaged.

    • When carrying the TV, at least two people are needed. Be sure to carry it upright.

    • Never carry the TV with the screen facing up or down.

11. **Precautions for installing on outdoor aerial.**

    An outside aerial system should not be located in the vicinity of overhead power lines, or other electric light or power circuits.

    If the aerial falls down or drops, it may cause an injury or an electric shock.

Use

1. **Never place hot objects or open flame sources, such as lighted candles or nightlights, on or close to the TV.**

   High temperatures can melt plastic and lead to fires.

2. **The 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.**

   When liquids are spilled or small items are dropped inside the TV, this may cause a fire or an electric shock.

   If small objects drop inside the TV, turn off the TV and remove the power plug from the outlet immediately and contact a service technician.

3. **Never insert objects (metal or paper) or pour water inside the TV through ventilation holes and other openings.**

   These items may cause a fire or an electric shock. If these objects are inserted inside the TV, turn off the TV and remove the power plug from the outlet immediately and contact a service technician. Be especially careful that children do not insert objects in the TV.

4. **When the TV will not be used for a long period of time, such as during vacation or travel, remove the power plug from the**

wall outlet for safety.

The TV is not completely disconnected from the power supply line, as minute current is consumed even when the Power switch is turned off.

The Mains plug or an appliance coupler is used as the disconnect device, therefore the disconnect device shall remain readily operable.

5. Never pull on the power cord when removing the plug from the wall outlet.

Always hold the plug firmly when removing it. If the power cord is yanked, the cord may become damaged and a fire or an electric shock may occur.

6. Never cut, break, modify, twist, bunch up or bent the cord or apply excessive force or tension to it.

Never place heavy objects on the cord or allow it to overheat as this may cause damage, a fire or an electric shock. Contact a service technician if the power cord is damaged.

7. If there is thunder or lightning, never touch the aerial cable or other connected cables.

You may suffer an electric shock.

8. Turn off the TV before unplugging the power cord.

Failure to do so, may cause a malfunction.

9. Listening to music at high volume levels and for extended durations can damage one's hearing.

In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels.

10. In dry environment due to static electricity, the product may be restart and return to the main OSD interface, USB player interface or the previous source mode.

You can continue to use the TV when appear this phenomenon.

Service

1. Never repair, modify or disassemble the TV by yourself.

It may cause a fire or an electric shock.

Consult a service technician for inspection and repairs.

2. When a malfunction occurs, or if smoke or an unusual odor comes from the TV, turn off the TV and remove the power plug from the outlet immediately.

Make sure that the smoke or smell has stopped, then contact a service technician. If the TV is still used in this condition, it may cause a fire or an electric shock.

3. If the TV is dropped or the cabinet is broken, turn off the TV and remove the power plug from the outlet immediately.

If the TV has power in this condition, it may cause a fire or an electric shock. If the cabinet is broken, be careful when handling the TV to prevent an injury.

Contact a service technician for inspection and repair.

4. When the TV reaches the end of its useful life, ask a qualified service technician to properly dispose of the TV.

Cleaning

CAUTION: Avoid using chemicals (such as air refreshers, cleaning agents, etc.) on or near the TV pedestal. Studies indicate that plastics may weaken and crack over time from the combination effects of chemical agents and mechanical stress (such as weight of TV). Failure to follow these instructions could result in serious injury and/or permanent damage to TV and TV pedestal.

1. Remove the power plug before cleaning.

Never use solvents such as benzine or thinner to clean the TV.

• These solvents may distort the cabinet or damage its finish.

• If rubber or vinyl products remain in contact with the TV for a long time, a stain may result.

If the cabinet becomes dirty, clean it with a soft, dry cloth.

When cleaning the surface of the LED display, wipe the panel surface gently with a soft, dry cloth.

2. Periodically disconnect the power plug from the outlet and check it.

If dust has collected on the power plug connectors, clean off the dust with a dry cloth.

This dust may cause a fire due to reduced insulation on the plug.

Important information

1. About LCD screen

• If you have the LCD screen facing to the sun, the LCD screen will be damaged. Be aware of locating the TV close to a window or outdoors.

• Never press the LCD screen strongly or scratch it, and never put anything on it. These actions will damage the LCD screen.

2. About cabinet and LCD screen

Never spray volatile compounds such as insecticide on the cabinet and LCD screen. This may cause a discoloration or damage the cabinet and LCD screen.

3. About afterimage

If a still picture is displayed, an afterimage may remain on the screen, however it will disappear. This is not a sign of malfunction.

4. Some pixels of the screen do not light up

The LCD display panel is manufactured using an extremely high level of precision technology, however sometimes some pixels of the screen may be missing picture elements or have luminous spots. This is not sign of malfunction.

5. About Interference

The LCD display may cause interference in image, sound, etc. of other electronic equipment that receives electromagnetic waves (e.g. AM radios and video equipment).

6. About using under the low temperature places

If you use the TV in the room of 0°C or less, the picture brightness may vary until the LCD monitor warms up. This is not a sign of malfunction.

7. When disposing of or transferring ownership of the TV

Before disposing of or transferring ownership of the TV, perform "Resetting the TV".

Recording using an USB storage device

- Be sure to select the correct country/region for use.

  Use of the recording function may not be possible depending on the selected country/region.

  Use with incorrect settings may violate certain laws or other regulations, and may result in criminal punishment.

  In such cases, TOSHIBA CORPORATION and the Toshiba Group shall bear no responsibility whatsoever.

- The recording function has been designed for private use and entertainment in your home environment.

  Please note that any commercial use of the recording function could lead to copyright infringement of authors' rights. Toshiba asks you to respect the intellectual property rights of third parties.

- Before recording to a device connected to the TV, make a test recording and check the recording performance.

- Toshiba shall not be liable for compensation or incidental damages of any kind whatsoever resulting from content that was not properly recorded on the recording device or that was modified or lost.

- Toshiba shall not be liable for damages of any kind whatsoever (breakdown of the recording device, modification or loss of the recorded content, etc.) resulting from malfunction, operating failure or incorrect operation due to combining with another connected device.

- Do not turn off the power supply to the USB storage device or disconnect the connecting cable while the USB storage device is operating. Doing so may result in loss of the recorded data or malfunction of the USB storage device.

- The recording function is not available in all countries/regions.

- Please note that recording on the USB storage device is no longer playable after the TV's main-board is exchanged during service.

- If the time information is incorrect, programed recording may not be performed properly.

  Furthermore, if the time information differs according to the currently viewed channel, programed recording may not be performed properly depending on tuning operations.

Exemptions

- Toshiba is not liable for any damage caused by fires, natural disaster (such as thunder, earthquake, etc.), acts by third parties, accidents, owner's misuse, or uses in other improper conditions.

- Toshiba is not liable for incidental damaged (such as profit loss or interruption in business, modification or erasure of record data, etc.) caused by use or inability to use of product.

- Toshiba is not liable for any damage caused by neglect of the instructions described in the owner's manual.

- Toshiba is not liable for any damage caused by misuse or malfunction through simultaneous use of this product and the connected equipment.

When using a wireless network

CAUTION:

- Bluetooth^{TM} and Wireless LAN devices operate within the same radio frequency range and may interfere with one another. If you use Bluetooth^{TM} and Wireless LAN devices simultaneously, you may occasionally experience a less than optimal network performance or even lose your network connection.

- If you should experience any such problem, immediately turn off either your Bluetooth^{TM} or Wireless LAN device.

- Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage.

- Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Wireless LAN and your Health

Wireless LAN products, like other radio devices, emit radio frequency electromagnetic energy. The level of energy emitted by Wireless LAN devices, however, is far less than the electromagnetic energy emitted by wireless devices such as mobile phones.

Because Wireless LAN products operate within the guidelines found in radio frequency safety standards and recommendations, TOSHIBA believes Wireless LAN is sage for use by consumers. These standards and recommendation reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature.

In some situation or environments, the use of Wireless LAN may be restricted by the proprietor of the building or responsible representatives of the organization. Such restrictions may apply in environments where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies to the use of wireless devices in a specific organization or environment, you are encouraged to ask for authorization to use the Wireless LAN device prior to turning on the equipment.
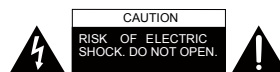
□ This equipment is a Class II or double insulated electrical appliance.

It has been designed in such a way that it does not require a safety connection to electrical earth.

∿ AC voltage: This symbol indicates that the rated voltage marked with the symbol is AC voltage.

CAUTION
RISK OF ELECTRIC SHOCK. DO NOT OPEN.

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

- Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user serviceable parts inside. Refer servicing to qualified personnel.

- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Accessories List

The following accessories are included with TV:

OWNER'S MANUAL   Base Stand × 2   Remote Control × 1

AAA Battery × 2   Screw × 4   Power Cord × 1(only for 65")

RCA jack to AV Cable × 1(only for 43"/50"/55"/58")

Optional, some models/countries/regions may have:

P-Clip × 1(with 1 screw M6×12 and 1 screw ST4×25)

Wall Mount Bracket × 1

➡ NOTE

• The accessories may be different from the list above due to different models, countries/regions, please refer to the actual accessory bag.

Installing the Stand or Wall Mount Bracket

Installing the Stand

CAUTION

• Be sure to disconnect the A/C power cord before installing a stand or wall mount brackets.

• The display on your TV is fragile. Make sure the TV screen is not scratched or damaged by hard objects or from pressure.

• After the installation is complete, make sure the TV is steady on a table or firmly attached to a wall mount, before removing all protective film, if any.

1. Carefully place your TV face-down on a soft, flat surface to prevent damage to the TV or scratching to the screen.

2. Remove the Base Stand from the accessory bag and then insert the stands into the bottom slots of the TV.

3. Secure the Base Stand to the TV with the screws in accessory tightly.

43"/50"/55"/58"

Base stand

Base stand

Screws:
M4×16(43") ×4
M4×12(50"/55"/58") ×4

65"

Base stand
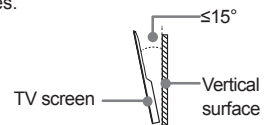
Screws:
M5×12(65") ×4

Base stand
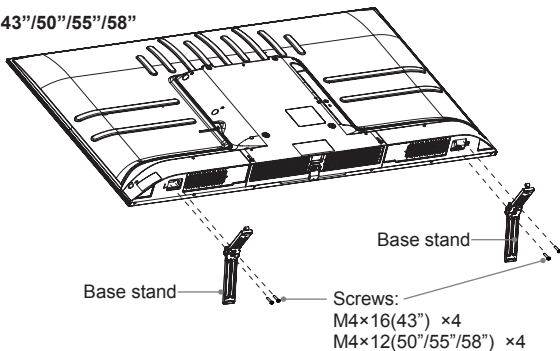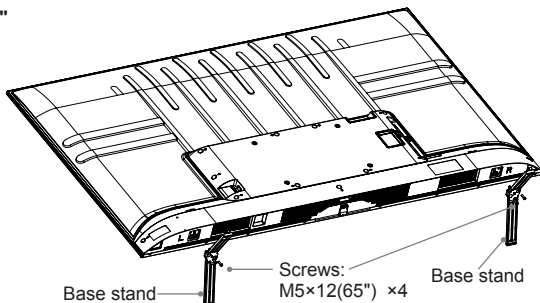
Installing the Wall Mount Bracket

Before mounting the TV, remove the TV stand if you have already attached it, and make sure the wall mount bracket supports the weight of your TV.
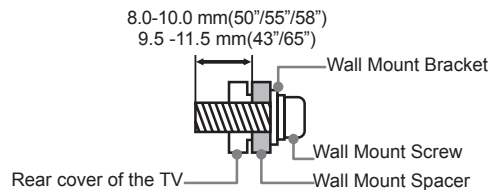
CAUTION

When mounting the TV on a wall, follow instructions provided with the wall mount bracket. If it is not correctly mounted, the TV may fall and cause property damage or personal injury.

• Place spacers between the TV and bracket.

• Make sure the tilt angle between the TV screen and the vertical surface is no more than 15 degrees.

≤15°

TV screen

Vertical surface

• Standard dimensions are shown below.

Wall mount hole pattern (mm)	200×200 (43")
	200×300 (50"/55"/58")
	300×200 (65")
Wall mount screw size	M6

8.0-10.0 mm(50"/55"/58")
9.5 -11.5 mm(43"/65")

Wall Mount Bracket

Wall Mount Screw

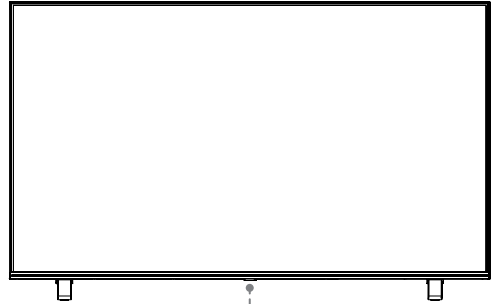Rear cover of the TV

Wall Mount Spacer

➡ NOTES

• The diameter and length of the screws differ depending on the wall mount bracket model.

• Wall mount bracket is optional. Your TV may not have wall mount bracket. Please refer to the actual accessories.

Installing the P-Clip

Please fix the ●

TV Front

Remote sensor / Power indicator / Single button(Standby / Source)

Item	*Description*
Remote sensor	Receive remote signals from the remote control. Do not put anything near the sensor, as its function may be affected.
Power indicator	The light is red in standby mode, the light is green when TV is on.
Standby / Source	Press the single button when in standby mode, TV will be turned on. Press the single button to call up the menu, when the focus is on "Power Off", wait for 3 seconds, then the TV will go into standby mode automatically. / Press the single button to call up the menu and then select among the different input signal sources.

NOTE

- Powering on the TV requires several seconds to load programmes. Do not rapidly turn the TV off as it may cause the TV work abnormally.
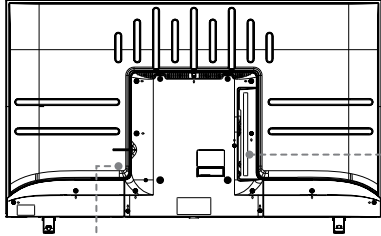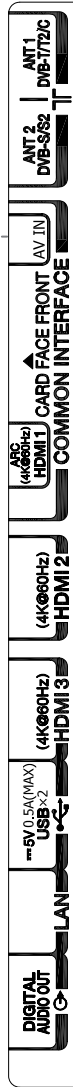
TV Rear

43"/50"/55"/58"

Power cord

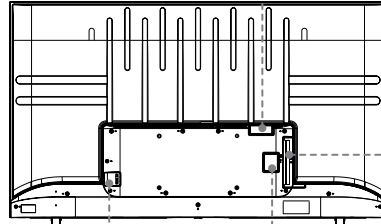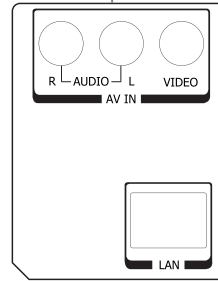ANT 1 DVB-T/T2/C
ANT 2 DVB-S/S2
AV IN
COMMON INTERFACE
CARD FACE FRONT
ARC (4K@60Hz) HDMI 1
(4K@60Hz) HDMI 2
(4K@60Hz) HDMI 3
5V 0.5A(MAX) USB×2
LAN
DIGITAL AUDIO OUT

65"

COMMON INTERFACE

AC INPUT

R — AUDIO — L   VIDEO
AV IN

LAN

ANT 1 DVB-T/T2/C
ANT 2 DVB-S/S2
ARC (4K@60Hz) HDMI 1
(4K@60Hz) HDMI 2
(4K@60Hz) HDMI 3
DIGITAL AUDIO OUT
5V 500mA USB 1
5V 500mA USB 2

➡ **NOTES**

- Check the jacks for position and type before making any connections. Loose connections can result in image or color problems. Make sure that all connections are tight and secure.

- Not all A/V devices have the ability to connect to a TV, please refer to the user's manual of your A/V device for compatibility and connections procedure.

- Before connecting external equipment, remove the mains plug from the wall socket. Otherwise, it may cause electric shock.

➡ **NOTES**

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- Not all A/V devices have the ability to connect to a TV, please refer to the user's manual of your A/V device for compatibility and connections procedure.

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Terminals

|		
ANT DVB-T/T2/C	⊙	Connect an outdoor VHF/UHF antenna.
ANT DVB-S/S2	⊙	Connect an outdoor Satellite antenna.
HDMI	▭	Connect an HDMI cable from an external A/V equipment.
HDMI(ARC)	▭	Connect an HDMI cable from an external digital audio system.
AV IN	VIDEO	⊙	Connect a composite video cable and left-right audio cables from an external AV device. The VIDEO can be used to connect a range of equipment, including video recorders, camcorders, decoders, satellite receivers, DVD players, or games consoles.
	L	⊙	
	R	⊙	
AV IN	⊙	Connect a composite video cable and left-right audio cables from an external AV device. The VIDEO can be used to connect a range of equipment, including video recorders, camcorders, decoders, satellite receivers, DVD players, or games consoles.
USB	▭	Connect a USB device for browsing photos, music and movies.
DIGITAL AUDIO OUT	▣	Connect an optical cable from an external digital audio system.
LAN	▦	Connect an Ethernet cable to access a network or the Internet.
COMMON INTERFACE	▯	Insert the CI+ module for watching scrambled services like pay-tv channels or some HD channels.

➡ NOTE

· The location and names of the terminals on the TV may vary according to TV model, and not all terminals available on all models.

Common Interface

Insert the CI+ module for watching scrambled services like pay-tv channels or some HD channels.
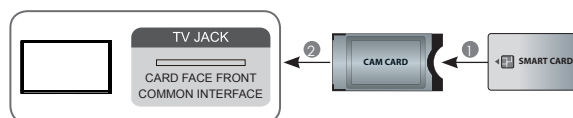
➡ NOTES

· Before you insert/remove the CI+ module, ensure that the TV is switched off. Then insert the CI card into the CI+ module in accordance with the Service Provider's instructions.

· Do not repeatedly insert or remove the Common Access Module as this may damage the interface and cause a malfunction.

· You must obtain a CI+ module and card from the service provider of the channels you want to watch.

· Insert the CI+ module with the SmartCard in the direction marked on the module and SmartCard.

· CI+ is not supported in some countries/regions; check with your authorized dealer.
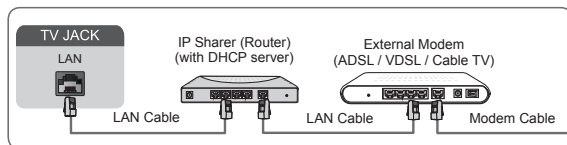
Wired Setup

Connect your TV to your network by connecting the LAN port on the back of your TV to an external modem or router using a LAN (Ethernet/ Cat 5) cable. See the illustration below.

▣ NOTES

- You get access to the Internet through your TV.

- We recommend to use a modem or router that supports Dynamic Host Configuration Protocol(DHCP). Modems and routers that support DHCP automatically provide the IP address, subnet mask, gateway, and DNS, so you don't have to enter them manually. Most home networks already have DHCP.

TV JACK LAN

IP Sharer (Router) (with DHCP server)

External Modem (ADSL / VDSL / Cable TV)

LAN Cable   LAN Cable   Modem Cable

Wireless Setup

Connect your TV to your wireless network, you need a wireless router or modem. See the illustration below.
The TV's built-in Wireless LAN Adapter supports the IEEE802.11 a/b/g/ n/ac communication protocols.

▣ NOTES

- You get access to the Internet through your TV.
- Connect to an available wireless network.
- Make sure that you have the wireless router's SSID and password before attempting to connect.

Wireless Router

The LAN Port on the Wall

Wireless Adapter built-in the TV set

(not provided)
LAN Cable
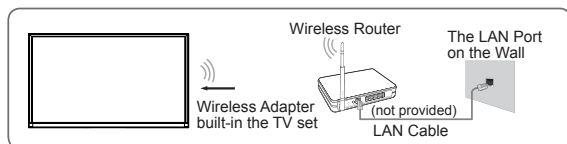
Connecting with an HDMI(ARC) Cable

Connect an HDMI cable from an external digital audio system.
ARC enables the TV to directly output the digital sound through an HDMI cable. Please note that it works only when the TV is connected to the audio receiver that supports the ARC (Audio Return Channel) function.

TV JACK
HDMI
ARC

HDMI cable (not included)

Audio Amplifier/Speaker
HDMI
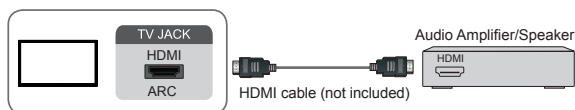
▣ NOTE

- When this port is used as the ARC function, it can be used as signal input when DVD is connected to amplifier and the amplifier is connected to the TV at the same time.(Some amplifiers may not support series connection.)

- ARC work by auto as per input ARC condition.

Connecting with an HDMI Cable

Connect an HDMI cable from an external A/V equipment.
Some devices such as DVD player require HDMI signal to be set to output in the device's settings. Please consult your device user manual for instructions.
Please note that the HDMI connector provides both video and audio signals, it's not necessary to connect an audio cable.

TV JACK
HDMI

HDMI cable (not included)

DVD/Blu-Ray/AV receiver /Set-top Box
HDMI
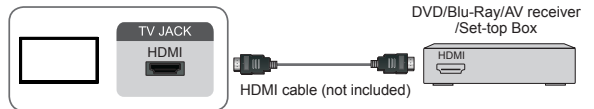
Connecting with an USB Cable

Connect the USB devices such as hard drives, USB sticks and digital cameras for browsing photos, listening to music.

TV JACK
USB
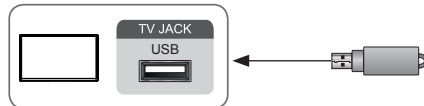
- Support the U disk 4G, 8G, 16G, 32G, 64G, 128G and other common market size, 8T hard drive is currently supported.

- Support format: NTFS, FAT32, EXT4.

▣ NOTES

- The listed support formats may not function on some models.
- Certain digital cameras may not be compatible with the TV.

Using the USB storage device function

The USB storage device function can be used to record and view digital broadcast programmes.

Read the precautions below before recording or viewing programmes using the USB storage device function.

▣ NOTES

- Be sure to select the correct country/region for use.

  Use of the recording function may not be possible depending on the selected country/region.

  Use with incorrect settings may violate certain laws or other regulations, and may result in criminal punishment.

  In such cases, TOSHIBA CORPORATION and the Toshiba Group shall bear no responsibility whatsoever.

- Recorded programmes saved on the USB storage device can only be viewed on this TV. They cannot be viewed when connected to another TV(including the same model of TV), a PC, or other device.

- You cannot watch one channel while recording another.

- If the recording time to the USB storage device is too short, no data may be saved.

- You cannot record video input signals on the USB device.

- Not all types of broadcast may be recordable.

- After programing the TV to record digital broadcasting, do not disconnect the power plug before recording starts.

- Should video or audio recording fail due to malfunction of the TV or poor reception, no compensation shall be paid.

Buttons on the Remote Control
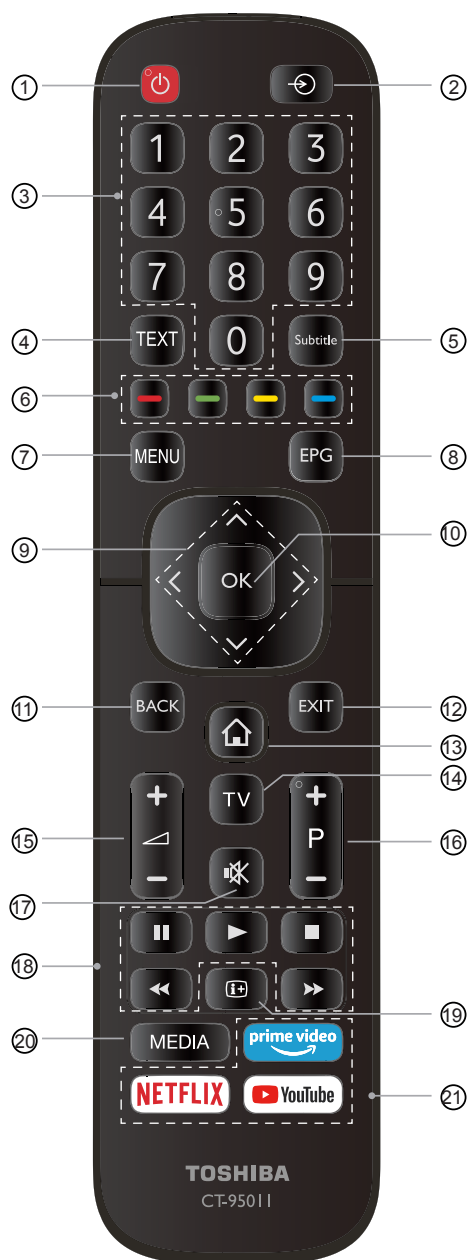
① POWER: Switch the TV on or into standby mode

② ⊖: Select input source

③ 0-9: Direct channel selection or numbers input

④ TEXT: Turn on/off the teletext function

⑤ Subtitle: Press to display the Subtitle Language menu

⑥ Red/Green/Yellow/Blue button: Color keys for direct selection of options

⑦ MENU: Display the Quick setup menu

⑧ EPG: Display the Electronic Programme Guide (DTV mode)

⑨ ∧ / ∨ / < / >: Allows you to navigate the OSD menus and adjust the system settings to your preference

⑩ OK: Confirm the selection in the OSD menus

⑪ Back: Return to previous menu

⑫ EXIT: Exit the menu

⑬ HOME: Enter the Home screen

⑭ TV: Enter the Live TV

⑮ ⊿ + / −: Adjust the volume

⑯ P + / −: Switch channel

⑰ 🔇: Mute or restore the TV sound

⑱ Media content control function buttons

⑲ ⅰ+: Display the current programme information

⑳ MEDIA: Enter the media

㉑ prime video: Enter the prime video
NETFLIX: Press to launch NETFLIX instant video streaming
YouTube: Enter the YouTube app

NOTE: The included remote control will vary depending on model, country.

Buttons on the Remote Control

① POWER: Switch the TV on or into standby mode

② ⊖: Select input source

③ P.MODE: Select picture mode

S.MODE: Select sound mode

[i+]: Display the current programme information

④ APPS: Fast access to all applications

MEDIA: Enter the media

TV: Enter the Live TV

⑤ 0-9: Direct channel selection or numbers input

⑥ MENU: Display the Quick setup menu

⑦ TEXT: Turn on/off the teletext function

⑧ LIST: Display the channel list on the screen

⑨ 🔇: Mute or restore the TV sound

⑩ ◁ + / −: Adjust the volume

⑪ P ∧ / ∨: Switch channel

⑫ HOME: Enter the Home screen

⑬ EXIT: Exit the menu

⑭ Back：Return to previous menu

⑮ OK: Confirm the selection in the OSD menus

⑯ ▲ / ▼ / ◄ / ► : Allows you to navigate the OSD menus and adjust the system settings to your preference

⑰ SUBTITLE: Press to display the Subtitle Language menu

⑱ GUIDE: Display the Electronic Programme Guide (DTV mode)

⑲ Red/Green/Yellow/Blue button: Color keys for direct selection of options

⑳ ◄◄ / ► / ►► / I◄◄ / ■ / II / ►►I : Media content control function buttons

㉑ NETFLIX: Press to launch NETFLIX instant video streaming

YouTube: Enter the YouTube app

**NOTE:** The included remote control will vary depending on model, country.

Installing Batteries in the Remote Control

NOTE: Check information according to the actual remote control in the accessory bag.

1. Press the release button on the back of the remote control to remove the battery compartment cover.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Replace the battery compartment cover.

❶ ❷

❸
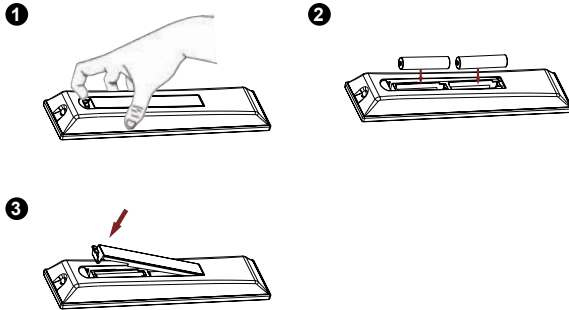
1. Slide the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment with the cover.

❶ ❷

❸
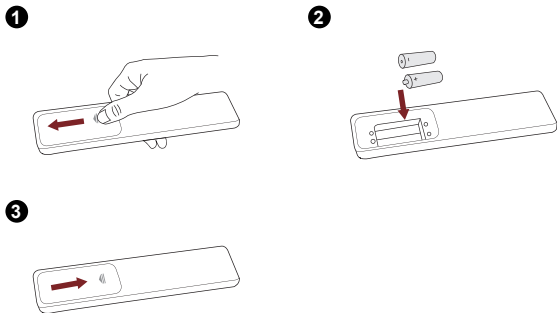
NOTES

• Product image is only for reference, actual product may vary in appearance.

Handling the Batteries
• Incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
• Only use the battery type indicated in this manual.
• Do not mix old and new batteries or different types of batteries.
• Do not dispose of used batteries as domestic waste. Dispose of them in accordance with local regulations.
• Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
• If you do not intend to use the remote control for a long time, remove the batteries.
• Remove depleted batteries immediately to prevent battery acid from leaking into the battery compartment.

Remote Control Operation Range
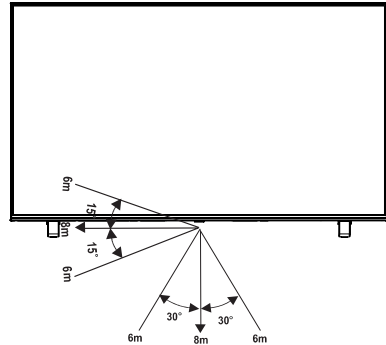
Turning the TV on for the First Time

1. Connect the mains cable to the mains socket after you have completed all the connections.

2. The first time you turn the TV on, it will go straight into the Installation Guide.

3. Press the ⬆ / ⬇ / ◀ / ▶ or ⋀ / ⋁ / ⟨ / ⟩ button to navigate the menu and change the settings. Press the **OK** button to confirm.

Language

Select your desired language to be displayed on the menu.

Country

Select the country where you will operate the TV.

Wireless Network

If your TV does not automatically detect an Ethernet connection, then use a wireless network, select your network from the list that displays, also you can add a hidden network. When you're done, move to the next screen.

End User License Agreement

Your use of this device and all related services is governed by the End User License Agreement and relative policies. Please review these documents carefully and make sure that you have read and agree to the provisions of the End User License Agreement.

Finish Setup Wizard

Press "Start" to use your TV, for retailers press "Store Mode".

Channel Scan

HOME or ⌂ **> System > Settings > Channel > Auto Scan**

Auto Scan

Automatically scan for channels to view programming from your TV source.

HOME or ⌂ **> System > Settings > Channel > Advanced Settings > Manual Scan**

DTV Manual Scan

Manual scan TV programme in digital signals.

When the DTV Manual Scan screen appears, press ◀ / ▶ or ⟨ / ⟩ button to select Antenna, Cable or Satellite and then press Start to commence the search of that channel. When the signal has been tuned, signal strength will be displayed on the screen.

ATV Manual Scan

Manual scan TV programme in analog signals.

Channel Edit

HOME or ⌂ **> System > Settings > Channel > Channel Edit**

Manually edit the channel list order to your preference.

Edit the channels

- Press **OK** button on the selected channel then a checkbox will appear. You can select more channels at the same time to move or delete them.

- Delete: Press ▶ or ⟩ button to delete the selected channel.

- Restore: Press **[RED]** button to enter the list of deleted channels. Press ◀ or ⟨ button to restore the deleted channel.

- Move: Press ◀ or ⟨ button to move the selected channel.

  ⮕ **NOTE**

  Moving the channels could be restricted by the operator. If you want to be able to move channels, we recommend not choosing an operator during channel scan and LCN should be set to Off.

- Filter

General Operation

Introduction of the sub-menu

PVR

The PVR function allows you to easily record digital television content for later viewing. The function is only available in DTV source. To use PVR, you must connect a USB device for recording. The format of the storage disk should be NTFS, FAT32, EXT4. The PVR will not function if a data storage device has not been connected.

● **Schedule Recording**

Press ⊙ᵘᴵᴰᴱ / ᴱᴾᴳ button, Select the programme to be played, press ⓄⓀ button to set the appointment time and period, the reservation is successful. Press **[RED]** button to view the scheduled recording. In the schedule recording list, you can readjust the reservation information that has been set.

● **Instant Recording**

1. Press ▼ or ⌄ button to select PVR

2. Select the partition, and the USB device speed will be tested(appear when using for the first time) .

3. You can choose to manually stop or automatically match the programme time.

● **Standby record**

If you press the power button during recording, TV will go into standby mode but the recording process is still going on. If you press power button again and wake up the TV, recording process will not be affected. After recording, the recorded file will be automatically saved to the disk.

➡ **NOTE**

Adjusting the Picture Quality

Adjust current picture mode to apply to all sources or just current source.

Choosing a picture mode

`HOME`

Adjusting the Sound Quality

Adjust current sound mode to apply to all sources or just current source.

Choosing a sound mode

HOME

Settings

○ **Power Off Timer**

Set the clock for the time you want the TV to turn off automatically. You can set the time only once or set the time in specified date by weekly.

○ **Menu Timeout**

Set the amount of time that you would like for the menu to display: Off, 10s, 20s, 30s, 60s, 5min.

○ **Auto Sleep**

Set the amount of time that you would like for TV auto power off without any activity: Off, 3H, 4H.(This function is only applicable in some countries/regions.)

○ **Auto Standby with No Signal**

Set the time for auto standby with no signal: Off, 15 Minutes.

System pin

`HOME`

Setup Wizard

HOME

Smart Functions

Screen Mirroring

Mirror content from your Android device to the TV.

HOME

Troubleshooting

The Problem	Possible Solutions
No picture, or black and white picture.	

Troubleshooting

The Problem	Possible Solutions
The TV cannot connect to your network or apps.	Make sure the TV has a network connection.

Other Information

Specifications

☑Features, appearance and specifications are subject to change without notice.

Item		43"	50"	55"	65"
Dimension (W × H × D)	Without Stand	961 × 560 × 83 mm	1116 × 647 × 85 mm	1230 × 712 × 86 mm	1448 × 834 × 81 mm
	With Stand	961 × 598 × 212 mm	1116 × 692 × 226 mm	1230 × 757 × 227 mm	1448 × 893 × 299 mm
Weight	Without Stand	7.0 kg	9.8 kg	12.3 kg	16.8 kg
	With Stand	7.3 kg	10.1 kg	12.7 kg	17.2 kg
Active Screen Size (Diagonal)		42.6 inches	50 inches	54.6 inches	65 inches
Screen resolution		3840 × 2160	3840 × 2160	3840 × 2160	3840 × 2160
Audio power		8 W + 8 W	8 W + 8 W	8 W + 8 W	10 W + 10 W
Power consumption		74 W	130 W	130 W	160 W
Power supply		100-240V~ 50/60Hz			
Operating mode power density		0.015 Watts/cm²	0.020 Watts/cm²	0.016 Watts/cm²	0.014 Watts/cm²
Power consumption when turned off		< 0.5 W	< 0.5 W	< 0.5 W	< 0.5 W
Power consumption in standby mode		0.5 W	0.5 W	0.5 W	0.5 W
Receiving systems	Analog	PAL-D/K, B/G, I, SECAM-D/K, B/G			
	Digital	DVB-T/T2, DVB-C, DVB-S/S2			
Wireless LAN Module specifications	Model	ZDGF7668AU-C	WF-M68A-UWF1		
	Frequency Range	2.4~2.4835GHz 5.15~5.85GHz	2.4~2.4835GHz 5.15~5.85GHz		
	Output Power (Max.)	2.4~2.4835GHz 17dBm 5.15~5.25GHz 15dBm 5.25~5.35GHz(DFS Band) 14dBm 5.49~5.71GHz(DFS/TPC Band) 13dBm 5.725~5.85GHz(for Non EU) 13dBm	2.4~2.4835GHz 17dBm 5.15~5.25GHz 15dBm 5.25~5.35GHz(DFS Band) 14dBm 5.49~5.71GHz(DFS/TPC Band) 13dBm 5.725~5.85GHz(for Non EU) 13dBm		
Bluetooth Module specifications	Model	ZDGF7668AU-C	WF-M68A-UWF1		
	Frequency Range	2.4~2.4835GHz	2.4~2.4835GHz		
	Output Power (Max.)	2.4~2.4835GHz, Class1, 5dBm	2.4~2.4835GHz, Class1, 5dBm		
Environmental conditions		Temperature: 5°C - 45°C Humidity: 20% - 80% RH Atmospheric pressure: 86 kPa - 106 kPa			
HDMI Input		RGB / 60Hz (640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024) YUV / 60Hz (480 I, 480 P, 720 P, 1080 I, 1080 P) YUV / 50Hz (576 I, 576 P, 720 P, 1080 I, 1080 P) YUV / 24Hz (1080 P) YUV / 25Hz (1080 P) YUV / 30Hz (1080 P) 3840x2160 4:2:0 50/60p 3840x2160 4:4:4 30/25/24p 3840x2160 4:2:2 30/25/24p 3840x2160 4:4:4 60p 4096x2160 4:2:0 50/60p 4096x2160 4:4:4 30/25/24p 4096x2160 4:2:2 30/25/24p			

Other Information

Item		58″
Dimension (W × H × D)	Without Stand	1293 × 753 × 84 mm
	With Stand	1293 × 797 × 227 mm
Weight	Without Stand	13.6 kg
	With Stand	13.9 kg
Active Screen Size (Diagonal)		57.5 inches
Screen resolution		3840 × 2160
Audio power		8 W + 8 W
Power consumption		150 W
Power supply		100-240V~ 50/60Hz
Operating mode power density		0.016 Watts/cm²
Power consumption when turned off		< 0.5 W
Power consumption in standby mode		0.5 W
Receiving systems	Analog	PAL-D/K, B/G, I, SECAM-D/K, B/G
	Digital	DVB-T/T2, DVB-C, DVB-S/S2
Wireless LAN Module specifications	Model	ZDGF7668AU-FT
	Frequency Range	2.4~2.4835GHz 5.15~5.85GHz
	Output Power (Max.)	2.4~2.4835GHz 17dBm 5.15~5.25GHz 15dBm 5.25~5.35GHz (DFS Band) 14dBm 5.49~5.71GHz (DFS/TPC Band) 13dBm 5.725~5.85GHz (for Non EU) 13dBm
Bluetooth Module specifications	Model	ZDGF7668AU-FT
	Frequency Range	2.4~2.4835GHz
	Output Power (Max.)	2.4~2.4835GHz, Class1, 5dBm
Environmental conditions		Temperature: 5°C - 45°C Humidity: 20% - 80% RH Atmospheric pressure: 86 kPa - 106 kPa
HDMI Input		RGB / 60Hz (640x480, 800x600, 1024x768, 1280x768, 1360x768, 1280x1024) YUV / 60Hz (480 I, 480 P, 720 P, 1080 I, 1080 P) YUV / 50Hz (576 I, 576 P, 720 P, 1080 I, 1080 P) YUV / 24Hz (1080 P) YUV / 25Hz (1080 P) YUV / 30Hz (1080 P) 3840x2160 4:2:0 50/60p 3840x2160 4:4:4 30/25/24p 3840x2160 4:2:2 30/25/24p 3840x2160 4:4:4 60p 4096x2160 4:2:0 50/60p 4096x2160 4:4:4 30/25/24p 4096x2160 4:2:2 30/25/24p

Media Format List

Video:

Number	Container	Video Codec (file type)	File Extension Name	Sampling rate SPEC	Bit Rate	Profile	Remark
1	MPG	Mpeg1	.dat .mpg.mpeg	1080P @ 60fps	80Mbps	Main Profile	Y(.mpg.mpeg) N(.dat)
2		Mpeg2	.dat .mpg.mpeg	1080P @ 60fps	80Mbps	Main Profile	Y(.mpg.mpeg) N(.dat)
3	MPEG	Mpeg1	.dat .mpg.mpeg	1080P @ 60fps	80Mbps	Main Profile	Y(.mpg.mpeg) N(.dat)
4	MPEG	Mpeg2	.dat .mpg.mpeg	1080P @ 60fps	80Mbps	Main Profile	Y(.mpg.mpeg) N(.dat)
5	MPEG2 -PS	MPEG2	.vob	1080P @ 60fps	80Mbps	MPEG2: MP@HL	Y
6	MP4	Mpeg4	.mp4	1080P @ 60fps	40Mbps	Simple Profile and Advanced Simple Profile @Level 5.0	Y
7		H.264	.mp4	4096×2160P @ 60fps	135Mbps	Main Profile and High Profile@Level 5.0	Y
8		Motin JPEG	.mp4	1080P @ 30fps	10Mbps		Y
9	MKV	Mpeg1,2,4	.mkv	1080P @ 60fps	40Mbps	MPEG2: MP@HL MPEG4: Simple Profile and Advanced Simple Profile @Level 5.0	Y
10		H.264	.mkv	4096×2160P @ 60fps	135Mbps	Main Profile and High Profile@Level 5.0	Y
11		Motin JPEG	.mkv	1080P @ 30fps	10Mbps		Y
12	AVI	Mpeg2,4	.divx.avi	1080P @ 60fps	40Mbps	MPEG2: MP@HL MPEG4: Simple Profile and Advanced Simple Profile @Level 5.0	Y(.avi) N(.divx)
13		H.264	.divx.avi	4096×2160P @ 60fps	135Mbps	Main Profile and High Profile@Level 5.0	Y(.avi) N(.divx)
14		Motin JPEG	.divx.avi	1080P @ 30fps	10Mbps		Y(.avi) N(.divx)
15	ASF	Mpeg2,4	.asf.wmv	1080P @ 60fps	40Mbps	Simple Profile and Advanced Simple Profile @Level 5.0	Y(.asf) N(.wmv)
16		H.264	.asf.wmv	4096×2160P @ 60fps	135Mbps	Main Profile and High Profile@Level 5.0	Y
17	FLV	H.264	.swf.flv	4096×2160P @ 60fps	135Mbps	Main Profile and High Profile@Level 5.0	Y(.flv) N(.swf)
18		H.265	.mp4	4096×2176P @ 60fps	100Mbps	Main Profile and High Profile@Level 5.1	Y

Audio:

Number	Container	Audio Codec(file type)	File Extension Name	Bit Rate	Remark
1		MPEG1 Layer2	.MP3	8K~384Kbps (Bit Rate) 16K~48KHz (Sample Rate)	Y
2		MPEG1 Layer3	.MP3	8K~320Kbps (Bit Rate) 16K~48KHz (Sample Rate)	Y
3		AAC, HEAAC	.m4a.aac	24K ~ 384Kbps(Bit rate) 8KHz ~ 48KHz(Sample rate)	Y
4		WMA	.wma	128bps~320Kbps (Bit Rate) 8K~48KHz (Sample Rate)	Y
5		WMA Pro	.wma	<768Kbps (Bit rate) Sample Rate:~96KHz	Y
6		LPCM	N/A (work with video files only)	64Kbps~1.5Mbps (Bit Rate) 8KHz ~48KHz (Sample Rate)	Y
7		IMA-ADPCM/MS-ADPCM	N/A (work with video files only)	384Kbps (Bit Rate) 8KHz ~ 48KHz (Sample Rate)	Y
8		AC-3	.ac3.m4a	32Kbps ~ 640Kbps (Bit Rate) 32KHz, 44.1KHz, 48KHz (Sample Rate)	Y

Photo:

Number	Container	File Extension Name	Photo	Resolution	Required DRAM size (Mbytes)	bytes	Remark
1	JPEG	.jpeg	Base-line	15360x8640 (1920X8 1080X8)	3.96	414720	Y
2			Progressive	1024x768	6.00	6291456	Y
3		.jpg	Base-line	15360x8640 (1920X8 1080X8)	3.96	414720	Y
4			Progressive	1024x768	6.00	6291456	Y
5	PNG	.png	non-interlace	9600x6400	3.66	3840000	Y
6			interlace	1200x800	3.66	3840000	Y
7	BMP	.bmp		9600x6400	3.66	3840000	Y

Other Information

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• DVB is a registered trademark of the DVB Project.

• [1] EIA/CEA-861-D compliance covers the transmission of uncompressed digital video with high-bandwidth digital content protection, which is being standardized for reception of high-definition video signals. Because this is an evolving technology, it is possible that some devices may not operate properly with the television.

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Packaging and electrical goods should be recycled appropriately, and not treated as household waste. Please dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipment waste. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.