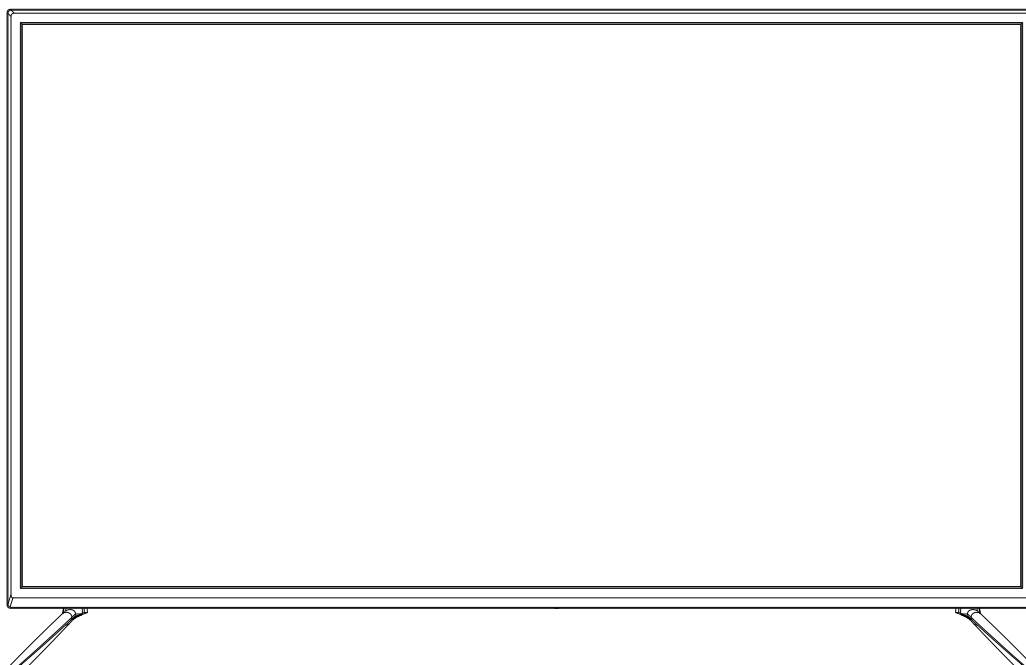


# TELEFUNKEN

Smart TV

## USER GUIDE

Safety and Reference



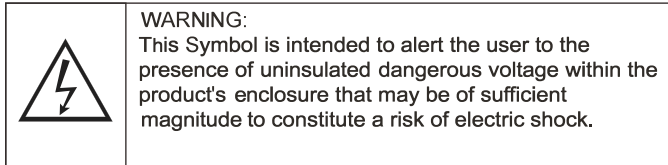
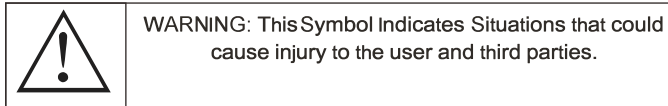
Please read this manual carefully before operating the TV set and retain it for future reference. All pictures in this manual are examples for reference only, actual product may differ from the pictures.

English Version

<b>Table of contents</b> .....	<b>1</b>
<b>Important instructions</b> .....	<b>2</b>
<b>TV buttons and I/O port</b> .....	<b>4</b>
<b>Remote Control Unit</b> .....	<b>5</b>
<b>Accessories</b> .....	<b>9</b>
<b>Install and connect</b> .....	<b>10</b>
<b>Connections(notifications)</b> .....	<b>12</b>
<b>Licenses</b> .....	<b>14</b>
<b>Specification</b> .....	<b>15</b>
<b>Trouble shooting</b> .....	<b>16</b>
<b>Energy Labelling</b> .....	<b>18</b>
<b>Warranty</b> .....	<b>22</b>

# IMPORTANT INSTRUCTIONS

## SAFETY PRECAUTIONS




High voltages are used in the operation of this product. To reduce the risk of electric shock, do not remove cover of the cabinet. Refer servicing to qualified service personnel only.

 To avoid possible hearing damage, do not listen at high audio volume for long periods of time.

 **CAUTION:** - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR SERIOUS INJURY:

Read these safety instructions before using your device and store them for possible future reference.

- This device must only be connected to a mains network whose characteristics are identical to those shown on the device identification plate.
- The mains plug must always be easily accessible. It serves as a mains disconnecting switch to the device.
- To disconnect the device from the mains, the plug must be disconnected. Hold the mains cable by its plug. Do not pull on the mains cable to disconnect the plug.
- The mains cable must be routed so that it is not trampled upon or pinched by objects placed on or against it.
- If the mains cable of the device is damaged, it must be replaced by the manufacturer, its after-sales service or a similarly qualified person to avoid any danger.
- The device must not be exposed to dripping or splashing water, liquids, steam or moisture of any kind.
- Do not place the device near water, for example in a bathroom or near a sink.
- No objects filled with liquids such as vases should be placed on or above the device.
- Never touch the mains cable with wet hands, this could cause a short circuit or electric shock.
- To avoid the risk of fire, do not place sources of open flames, such as lighted candles, or heat sources such as radiators, on or near the device.
- If smoke, an unusual odour or strange noise is emitted by the device: unplug the mains cable from the electrical outlet and consult the after-sales service or repair centre. Never attempt to make repairs yourself, this could be potentially dangerous.
- Do not attempt to open or disassemble the device. This would expose you to dangerous voltages.
- The slots and openings of the device are intended for ventilation and to ensure its operation. To prevent overheating, these openings must not be obstructed or covered in any way, such as by newspapers, tablecloths or curtains.
- Always leave a minimum distance of 10 cm around the device for sufficient ventilation.
- Never push any object into the device through one of its openings, as it may come into contact with electrical components, which can cause an electric shock or fire.
- In case of thunderstorm or lightning, immediately unplug the mains cable from the wall outlet.
- Always turn off the device when not in use. Unplug the mains cable from the electrical outlet when the device will not be used for a long period of time.
- Unplug the device from the electrical outlet before cleaning. Do not use liquid or aerosol cleaners. Use a dry, soft cloth for cleaning.
- If the product does not bear the  logo, it is a Class I device. It must then be connected to a mains socket with a protective earth connection.
- If it is a class I appliance, the user's protection is grounded. The appliance must be connected to a power supply base with a connection to the protective earth.



### **CAUTION: - TO AVOID RISK OF INJURY OR DAMAGE TO THE PRODUCT OR OTHER EQUIPMENT:**

- This product is intended for household and personal use only. Do not use this product for commercial, industrial or other purposes.
- Do not subject the product to strong shocks, extreme temperatures or direct sunlight for prolonged periods.
- Keep the product away from magnetic objects, motors and transformers.
- Do not use the product outdoors, regardless of weather conditions.
- Install the device only on a stand, furniture, wall etc. that can support its weight safely.
- **WARNING:** never place a TV on an unstable surface. This can fall, causing injuries or even the death. Many injuries, especially in the case of children can be avoided by taking simple precautions such as:
  - The use of furniture or stand type recommended by the TV manufacturer.
  - The exclusive use of furniture that can support the weight of the TV safely.
  - Make sure that the device does not protrude from the edge of the furniture on which it is placed.
  - Never place the device on a tall piece of furniture (e.g. cabinets or bookcases) without attaching both the furniture and the device to a suitable stand or anchor point.
  - Do not place the device on a trolley or on a stand that is not stable. Do not install the device on any fabric or other materials placed between its base and the supporting furniture. The device could fall and be damaged or cause injury.
  - Do not use or watch the TV while driving. This is dangerous, and illegal in most countries.
  - Explain to children the dangers they face when climbing on the furniture to reach the device or its controls.
  - If you change location of the TV, you should apply the same considerations.
- **CAUTION:** to avoid accidents, this device must be securely attached to the floor or wall according to the installation instructions.



### **CAUTION: - TO AVOID EYE HAZARDS:**

- It is best to have soft indirect lighting to watch TV. Avoid completely dark environments and any reflection on the screen, as these can cause eyestrain.



### **USE AND HANDLING OF BATTERIES:**

- **CAUTION:** danger of explosion or fire if the batteries are not inserted correctly or if they are replaced by a non-similar or incompatible model.
- Replace the batteries only with batteries of the same type or equivalent type.
- Batteries must not be exposed to excessive heat such as that from the sun, fire or similar origin.
- Never throw batteries into fire and never expose them to heat sources.
- Do not mix different types of batteries, or new and used batteries.
- The batteries must be inserted according to the polarities indicated on the battery and in the battery case of the remote control.
- Used batteries must be removed from the remote control.
- The batteries must be disposed of safely at the assigned specific collection points to preserve the environment. Follow the disposal instructions indicated on the batteries and at the collection points.
- Keep batteries out of the reach of children and animals. Only adults are capable of handling the batteries.

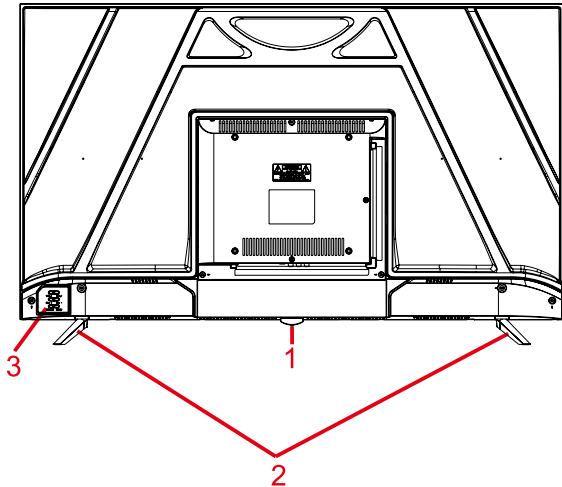


### **Environmental Considerations :**

Operation temperature: 0°C-45°C , Operation Humidity: 10%-90% non-condensing

Storage temperature: -20°C-60°C , Operation Humidity: 5%-95% non-condensing

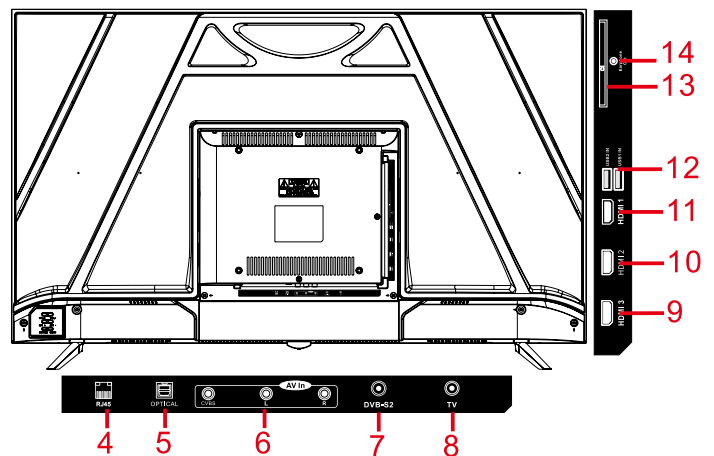
## TV BUTTONS AND I/O PORT



- 1.Remote control sensor and Power indicator
- 2.TV stand
- 3.VOL + : To increase the volume level or move left
- VOL - : To decrease the volume level or move right.
- CH + : To select next channel or move up
- CH - : To select previous channel or move down.
- MENU : To enter menu setting page.
- input : To select the input source.
- STANDBY : To turn ON/OFF the TV.(Some models may be located at 1 location)

**Note:** Some models of TV only have one button (standby key) located at 1 location. Please refer to the actual TV you received

- 4 . RJ45 input terminal
- 5 . Optical Output terminal
- 6 . CVBS & Audio L / R input terminal
- 7 . To connect the external Satellite TV Antenna ( DVB-S/S2) (Some models do not have this function)
- 8 . To connect the external TV antenna ( DTV/ATV )
- 9 . HDMI3 input terminal
- 10 . HDMI2 input terminal
- 11 . HDMI1 input terminal
- 12 . USB input terminal
- 13 . CI SLOT (Some models do not have this function)
- 14 . EARPHONE output terminal

























**Note:** TVs in certain regions may not have CI SLOT and/or DVB-S/S2 functions. This manual is for reference only. Please refer to the actual TV you received

## Magic Remote Control

For buttons with # , please long-press (hold for more than one second).



-  Turn on/off the power of a separate set-top box.
-  Checking saved programmes.
-  QUICK ACCESS edit screen appears.
-  Displays the additional buttons on the remote control.
-  Audibly describes the contents of the screen. (Some models may not be supported.)
-  Adjusts the volume level.
-  Select to turn off the sound from the TV (Mute)
-  Enter Accessibility menu.
-  Change the programme.
-  Check out the recommended contents. (Recommendation service may not be available depending on the countries you are in.) Push and hold the button while speaking to use the voice recognition function.
-  Displays Home menu.
-  Displays the list used previously.
-  Enters Quick Settings menu.
-  Enters All Settings menu.
-  Move to the previous step.
-  Closes the menu.
-  Programme Guide.
-  Displays the list used previously. (Some models may not be supported.)
-  Selects input source.
-  Entering Home Dashboard.
-  Displays the menu of the set-top box. (Some models may not be supported.)
-  Launch Record.

The marks and positions of the remote control buttons may vary depending on the model.




## Using the Magic Remote

1. If you shake the Magic Remote left and right or turn its wheel while pointing it at the TV, a pointer will appear on the TV screen. If you move the remote control to the direction you want, the pointer follows the movement.
  2. Move the pointer to the location you want and press the Wheel (OK) button to execute the function.
  3. If the pointer has not been used for a certain period of time, it will disappear. When the pointer disappears from the screen, shake the Magic Remote right and left. It will then re-appear. The pointer will disappear if you press the up, down, left or right buttons, and the remote will work as a conventional remote.
- If the pointer is not responding smoothly, you can reset the pointer by moving it to the edge of the screen.
  - Use the remote control within the specified range (within 10 metres). The device may not function properly when outside the working distance or when an obstacle blocks the line of sight.
  - Interference from nearby electrical appliances (wireless router, microwave oven, etc.) may cause communication issues with Magic Remote
  - Impacts can cause the Magic Remote to malfunction.
  - Take care not to bump into nearby furniture, electronic equipment or other people when using the Magic Remote.

### Register the magic remote

To use the Magic Remote, first pair it with your TV.

1. Put batteries into the Magic Remote and turn the TV on.
2. Point the Magic Remote at your TV and press the Wheel  on the remote control.

\* If the TV fails to register the Magic Remote, try again after turning the TV off and back on.

### Deregister the magic remote

Press the  and  buttons at the same time, for five seconds, to unpair the Magic Remote with your TV.

\* Pressing and holding the button will let you cancel and re-register Magic Remote at once.

## General Remote Control



### TV

Selects Radio, TV and DTV programme..

### SUBTITLE

Press into the Subtitle language menu



Enters the Quick Settings menu.



Enters the All Settings menu.



Selects an input source.



Entering into the Home Dashboard.

### LIST

Checking the saved programmes.



The QUICK ACCESS edit screen appears.



It displays the additional buttons on the remote control.



Audibly describes the contents of the screen. (Some models may not be supported.)



It adjusts the volume level.



Select to turn off the sound from the TV.



Enter the Accessibility menu.

### GUIDE

You can check the programme.



Press this button to switch the audio tracks carried by the programme



You can change the programme.



Displays the Home menu.



Displays the list used previously.

### BACK

Move to the previous step.

### BACK #

Closes the menu.

### EXIT

Exit menu.

### MOVIES

Movie search hotkey.

### NETFLIX

Press this key to access the NETFLIX site.

### prime video

Press this key to access the prime video site.



Red/Green/Yellow/Blue: use add-on functions in OSD menu



## REMOTE CONTROL PREPARATION

### BATTERY INSTALLATION

Install the batteries as per the following pictures. Be sure + and – terminals are positioned as indicated in the battery compartment (Fig1).

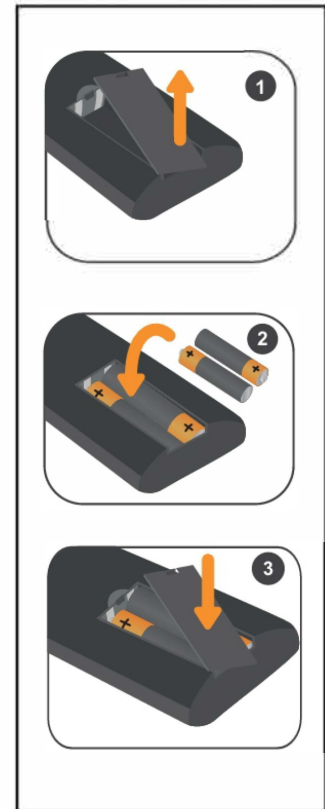
### SERVICE LIFE OF BATTERIES

- The batteries normally last for one year although this depends on how often the remote control is used.
- If the remote control fails to work even when it is operated near the player, replace the batteries.
- Use two size AAA dry batteries.

### NOTES:

- The operating distance may vary according to the brightness of the room.
- Do not point bright light at remote control sensor.
- Do not place objects between the remote control and the remote control sensor.

Fig1



### NOTE:

- Do not drop, step on or otherwise impact the remote control. This may damage the parts or lead to malfunction.
- If the remote control is not going to be used for a long time, remove the batteries.

## ACCESSORIES

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

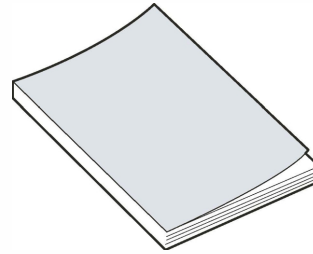
Magic

Normal



or

Remote Control



User Guide



Battery

### Note:

The type of remote control that comes with your TV is dependent on the TV Model and it's functions.

# INSTALLATION AND CONNECTION

## STAND/ FEET INSTALLATION

### Step 1

Place the TV faced down on a soft cloth or cushion to prevent the panel from being damaged.

### Step 2

Align the Stand with TV bottom and then fit the end of stand until the TV is fully seated on the stand.

### Step 3

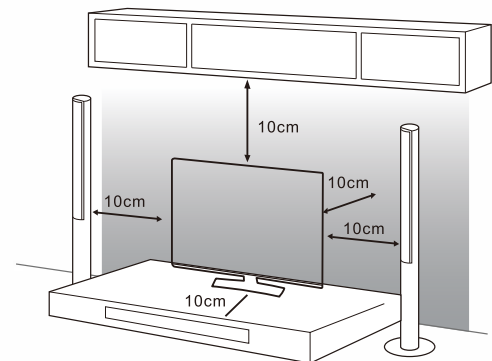
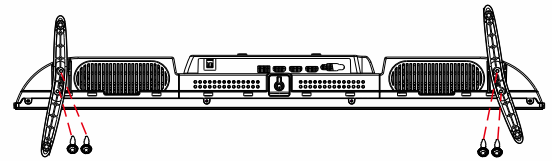
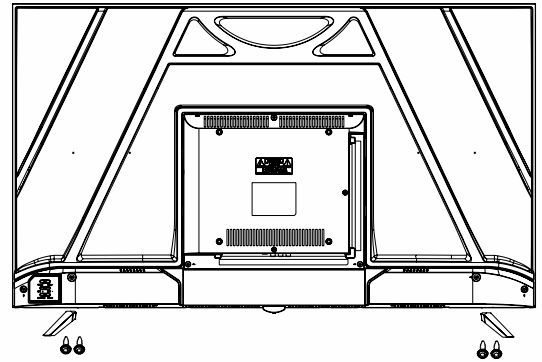
Tighten the included screws with a screw driver taking care not to over-tighten the screws.

### Step 4

1. Lift and tilt the TV into its upright position on a table.
2. Leave a 10 cm (minimum) space from the wall for proper ventilation
3. Do not place the TV near or on sources of heat, as this may result in fire or other damage.

### NOTES:

- Unplug the power plug first when installing or removing the TV Stand.
- To avoid any damage to this TV, it is recommend that another person assists when installing or removing the TV stand.
- This picture is for reference only and may be different in practice.



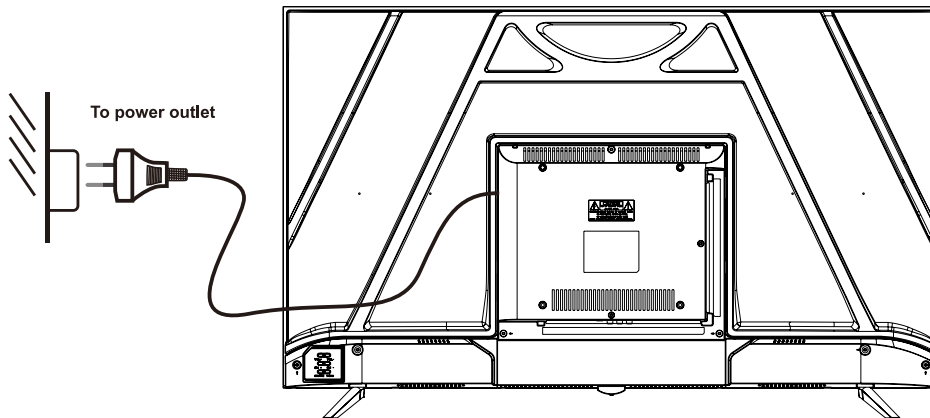
## WALL MOUNTING INSTALLATION

1. Contact a professional for assistance when wall mounting your TV. We are not responsible for any damage to the product or injury to yourself, if you mount the TV on your own.
2. Do not wall mount the TV while TV is turned on. It may cause personal injury due to electric shock.
3. This TV is for use only with the wall mount bracket which the manufacturer recommends. Use with unsuitable wall mount brackets may result in instability causing injury.

## BASIC CONNECTION

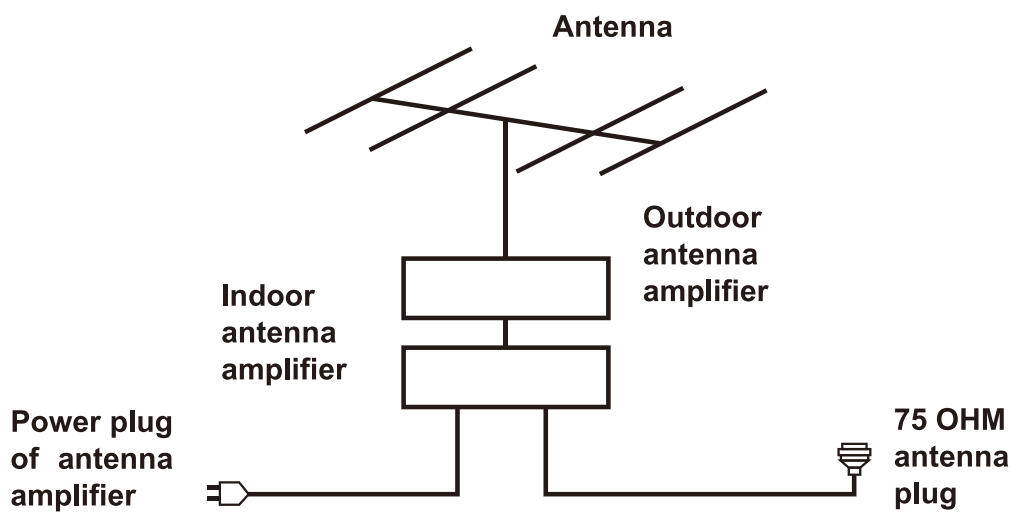
- Ensure all the cables are disconnected from the main unit before connecting to AC power source.
- Read through the instructions before connecting other equipment.

### CONNECTING TO THE AC POWER



### CONNECT EXTERNAL ANTENNA TO UNIT

Install external antenna into antenna jack for best picture.



Connect various external devices to the TV and switch input modes to select an external device. For more information of external device's connection, refer to the manual provided with each device.

Typical external devices are: HD receivers, DVD players, audio systems, USB storage devices, PC, gaming devices, and other external devices.

1. The external devices connection may differ from the model to model.
2. Connect external devices to the TV regardless of the order of the TV ports.
3. If you record a TV programme on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information on recording, refer to the manual provided with the connected device.
4. Refer to the external equipment's manual for operating instructions.
5. If you connect a gaming device to the TV, use the cable supplied with the gaming device.
6. In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the PICTURE menu until the picture is clear.
7. In PC mode, some resolution settings may not work properly depending on the graphics card.
8. If ULTRA HD content is played on your PC, video or audio may become disrupted intermittently depending on your PC's performance. (Depending on model)

### **Antenna connection**

Connect the TV to a wall antenna socket with an RF cable (75  $\Omega$ ).

1. Use a signal splitter to use more than 2 TV's.
2. If the image quality is poor, install a signal amplifier properly to improve the image quality.
3. If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction.
4. An antenna cable and converter are not supplied.
5. Supported DTV Audio: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC
6. For a location that is not supported with ULTRA HD broadcasting, this TV cannot receive ULTRA HD broadcasts directly. (Depending on model)

### Satellite dish connection (Only satellite models)

Connect the TV to a satellite dish or a satellite socket with a satellite RF cable (75 Ω).

### CI module connection (Depending on model)

View the encrypted (pay) services in digital TV mode.

1. Check if the CI module is inserted into the PCMCIA card slot in the right direction. If the module is not inserted properly, this can cause damage to the TV and the PCMCIA card slot.
2. If the TV does not display any video and audio when CI+ CAM is connected, please contact to the Terrestrial/Cable/Satellite Service Operator.

### USB connection

Some USB Hubs may not work. If a USB device connected using a USB Hub is not detected, connect it to the USB port on the TV directly.

## Other connections

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with a HDMI cable.



- On : Support 4K @ 50/60 Hz (4:4:4, 4:2:2, 4:2:0)
- Off : Support 4K @ 50/60 Hz 8 bit (4:2:0)

If the device connected to an Input Port also supports ULTRA HD Deep Colour, your picture may be clearer. However, if the device doesn't support it, it may not work properly. In that case, connect the device to a different HDMI port or change the TV's HDMI ULTRA HD Deep Colour setting to Off.

(This feature is available on certain models which are supported ULTRA HD Deep Colour only.)

## Licenses



Dolby , Dolby Audio , and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation.

Amazon , Prime Video , and all related logos are trademarks of Amazon . com , Inc. or its affiliates. Applications or services may not be available in certain areas. Internet access required.

Netflix streaming membership required. 4K Ultra HD availability subject to your subscription plan , Internet service, device capabilities, and content availability. [www.netflix.com/TermsOfUse](http://www.netflix.com/TermsOfUse)

YouTube is a trademark of Google LLC.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Model Name	Screen size	Display Resolution	Power Supply	Speaker power	Operating Temperature	Operating Humidity
TF-TS32XX	32"	1366*768	50W	20W	0~45°C	10%-90%
TF-TS39XX	39"	1366*768	70W	20W	0~45°C	10%-90%
TF-TS40XX	40"	1920*1080	70W	20W	0~45°C	10%-90%
TF-TS43XX	43"	3840*2160	85W	20W	0~45°C	10%-90%
TF-TS50XX	50"	3840*2160	130W	20W	0~45°C	10%-90%
TF-TS55XX	55"	3840*2160	150W	20W	0~45°C	10%-90%
TF-TS58XX	58"	3840*2160	150W	20W	0~45°C	10%-90%
TF-TS65XX	65"	3840*2160	180W	20W	0~45°C	10%-90%
TF-TS70XX	70"	3840*2160	180W	20W	0~45°C	10%-90%
TF-TS75XX	75"	3840*2160	220W	20W	0~45°C	10%-90%
TF-TS82XX	82"	3840*2160	400W	20W	0~45°C	10%-90%
TF-TS85XX	85"	3840*2160	400W	20W	0~45°C	10%-90%
TF-TS98XX	98"	3840*2160	520W	20W	0~45°C	10%-90%

**Noted**

“XX” can be 0-9, A-Z, a-z, or blank for the marketing purpose, only different model designations on the marking plate for different markets. No safety concern.



**When there is something wrong with your TV, you can try turning off the TV and then restart it. You can also operate according to the following chart. If the problem still cannot be solved, please contact professional technicians.**

<b><i>SYMPTOMS</i></b>	<b><i>POSSIBLE SOLUTIONS</i></b>
No sound or picture.	<ul style="list-style-type: none"> <li>● Check if the power line is in the outlet and if it has electricity.</li> <li>● Check if you have pressed Power button on the TV or Power button on the remote control.</li> <li>● Check the setting of picture brightness and contrast.</li> <li>● Check the volume.</li> <li>● Check if Mute mode is set.</li> </ul>
The picture is normal but there is no sound.	<ul style="list-style-type: none"> <li>● Check the volume.</li> <li>● Check if Mute mode is set.</li> </ul>
No picture and white or black picture.	<ul style="list-style-type: none"> <li>● Adjust Picture Setting.</li> <li>● Check Colour System.</li> </ul>
Interference in sound or picture	<ul style="list-style-type: none"> <li>● A nearby Appliance may be affecting your signal, try &amp; identify the appliance &amp; remove it from the area.</li> <li>● Insert the power plug of the TV set into another outlet.</li> </ul>
Unclear picture or picture with snow.	<ul style="list-style-type: none"> <li>● Check the direction, position and connection of your antenna.</li> <li>● Adjust the direction of your antenna or reset or fine tune the channel.</li> </ul>
The remote control does not work.	<ul style="list-style-type: none"> <li>● Change the batteries in the remote control.</li> <li>● Clean the upper side of the remote control (radiating window)</li> <li>● Check the contacting points of the batteries.</li> <li>● Check if there is obstruction between the remote control and the TV.</li> <li>● Check if the batteries are correctly installed.</li> </ul>



**Correct Disposal of This Product (Waste Electrical & Electronic Equipment)**  
**(Applicable in countries with separate collection systems)**

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.



**Correct disposal of the batteries in this product**  
**(Applicable in countries with separate collection systems)**

This marking on a battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.

To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local battery return system.



Keep equipment away from open flames at all times

# TELEFUNKEN

## European Product Registry for Energy Labelling

**TELEFUNKEN32”  
TV-N18G-TF-TS3210**



**TELEFUNKEN32”  
TV-N18G-TF-TS3211**



**TELEFUNKEN43”  
TV-N18G-TF-TS4310**



**TELEFUNKEN43”  
TV-N18G-TF-TS4320**



## **TELEFUNKEN**

### **European Product Registry for Energy Labelling**

**TELEFUNKEN 43”  
N18-TF-GL4330**



**TELEFUNKEN 50”  
N18H-TF-GL5030**



**TELEFUNKEN 50”  
N18G-TF-TS5020**



**TELEFUNKEN 55”  
N18G-TF-TS5520**



# TELEFUNKEN

## European Product Registry for Energy Labelling

**TELEFUNKEN 65”  
N18G-TF-TS6520**



**TELEFUNKEN 70”  
D18G-TF-TS7010**



**TELEFUNKEN 75”  
N18G-TF-TS7510**



**TELEFUNKEN 75”  
TV-N24-TF-TS7511**



# TELEFUNKEN

## European Product Registry for Energy Labelling

**TELEFUNKEN 85”  
N18G-TF-TS8510**



**TELEFUNKEN50”  
TV-N19-TF-TS5010**



**TELEFUNKEN55”  
TV-N19-TF-TS5510**



**TELEFUNKEN65”  
TV-N19-TF-TS6510**



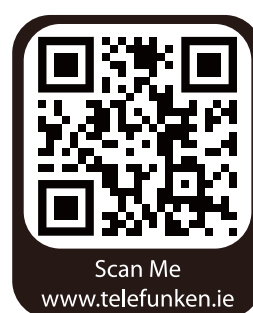
# TELEFUNKEN WARRANTY INFORMATION

All TELEFUNKEN TVs have a two-year manufacturer's warranty as standard to protect against any manufacturing and material faults and defects during this warranty period. For further information about this warranty please visit [www.telefunken.ie](http://www.telefunken.ie)

## Register your product for free!

Register your TV now for free on our warranty web portal by scanning the QR Code or visit [www.telefunken.ie](http://www.telefunken.ie)

Scan the QR code →



## Please retain your receipt/ proof of purchase.

You will need to retain your proof of purchase/ receipt as this will be requested by our service centre in the event of a warranty support request.

Manufactured for and distributed by:  
Montara Ltd., Ballycurreen, Cork, Ireland T12 X9Y6

TELEFUNKEN trademarks are registered trademarks of  
TELEFUNKEN Licenses GmbH used under trademark license for this product.