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The images in this manual are for reference only and may differ from your model.

Important Safety Instructions

Thank you for choosing our product. Please read this manual carefully and observe all safety and operating instructions. Store the manual in a safe place for later reference.





This symbol indicates that dangerous voltage instituting a risk of electric shock is present within this unit.

This symbol indicates that there are important operation and maintenance instructions in the literature accompanying the appliance.

Caution

- 1. The product contains a low-power device. In order to ensure the safety of the laser device, do not remove any cover and attempt to repair the unit. If any service is needed, please contact the distributor or its authorised service centre.
- 2. To reduce the risk of electric shock, do not remove the cover (back). No user-serviceable parts inside. Refer servicing to qualified service personnel. Unplug the product from the power source before servicing or when it is unused for a long period of time.
- 3. The manufacturer will not be held responsible for the damage caused by any substitutions and modification of the product without authorisation from the manufacturer's or authorised service agent.

<u>WARNING</u>

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.



The information symbol in the documentation indicates useful information and tips for using and maintaining the device.



The information symbol in the documentation indicates cautions for operators to avoid potential damages. Please note and remember.

Important Safety Instructions

NOTES:

- 1. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use near water.
- 6. Clean only with dry cloth.
- 7. Do not block any ventilation openings. Maintain well ventilated conditions around the product. Do not put product on a bed, sofa or anything that blocks ventilation. Install according to the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- 9. Read, heed and follow all instructions to ensure correct and safe installation and interconnection of the apparatus;
- 10. 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.
- 11. The mains socket-outlet shall be installed near the apparatus and the mains plug shall remain readily operable.
- 12. Protect the power cord from being walked on or pinched particularly at plugs, power sockets, and the point where they exit from the apparatus.
- 13. Only use attachments/accessories specified by the manufacturer.
- 14. Use only with the stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
- 15. Unplug the apparatus during lightning storms or when unused for long periods of time.
- 16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 17. The apparatus shall be connected to a mains socket outlet with a protective earthing connection.



Do not touch the color LED screen directly by hand.

<u>View of Unit</u>

Front Panel



1. Color TFT screen

Presents high resolution picture.

2. Power Indicator

In active mode, it is green; in standby mode, it turns red.

3. Remote Sensor

Remote sensor window for the remote control.

4. OPOWER button

Press to switch on or off the device (enter or exit the standby mode).

5. VOL ◀► buttons

Press to decrease or increase the volume.

When in setup menu, this button also serves the $\blacktriangleleft \triangleright$ direction button.

6. CH ▲ ▼ buttons

Press to page up or down through programs in TV mode.

When in setup menu, this button also serves the $\blacktriangle \mathbf{V}$ direction button.

7. MENU button

Press to enter or exit system setup menu.

8. INPUT button

Press to display a menu of all of the available input sources. When in setup menu, this button also serves the ENTER button.

<u>View of Unit</u>

Rear Panel



1. USB Port

Connect the USB device.

2. AUDIO OUT Jack

Connect to audio receiver.

3. COMPOSITE IN Jacks

Connecting for AV signal input in AV mode.

4. COMPONENT IN Jacks

Connecting for the $Y/P_{\mbox{\tiny B}}/P_{\mbox{\tiny R}}$ input in COMPONENT mode.

 $Y/P_{\tt b}/P_r\;$ share the same audio jack with COMPOSITE.

5. RF INPUT Jack

Connect an antenna or cable connection for television reception.

6. VGA AUDIO IN Jack

Connecting for VGA audio signal input.

7. VGA IN Jack

Connected to the VGA output jack on a personal computer.

8. HDMI1/HDMI2/HDMI3 Input Jacks Connecting for HDMI signal.

9. OPTICAL Jack

Connect an optional coaxial digital cable (not included) through a compatible amp / receiver to enjoy superior audio sound.

10. Earphone Jack

When earphone is inserted, the loudspeaker is switched off.

<u>Remote Control</u>

Remote Control Drawing



1. POWER button

Press to enter or exit standby mode.

2. DISPLAY button

Press to display the reference information of the current mode.

3. ►II Play/Pause button

Press to start or pause the playback in USB mode.

4. ₩/₩buttons

Press to return to the previous file or skip to the next one in media player.

5. ■ button

Press to shift the aspect ratio of the screen.

Press to stop playback in USB mode.

6. REP button

Press to repeat playback in USB mode.

7. CH.LIST button

Press to display a list of channels saved in the TV tuner memory.

8. GUIDE button

Press to review scheduled programming for the currently viewed channel.

9. FAV button

Press to display a listing of your favorite TV channels.

10. FREEZE button

Pause and still-frame the current image on the display. Press again for live TV.

11. PICTURE button

Press repeatedly to select the picture mode: Standard, Mild, User or Dynamic.

12. TEMP button

Select the Color Temperature COOL > NORMAL > WARM.

13. Direction buttons (▲▼ ◀►)

In the setup menu, press the $\blacktriangle \lor$ button to select a desired item and press the $\blacktriangleleft \triangleright$ button to adjust or set.

14. ENTER button

Press to confirm selection in the setup menu.

15. EXIT button

Press to exit a displayed menu.

16. RETURN button

Press to return to the previous menu.

17. SLEEP button

Press the button repeatedly to select the desired time to sleep or select Off to close the function.

18. MENU button

Press to enter setup menu or return to the previous menu.

<u>Remote Control</u>

19. ASPECT button

Select the viewable display aspect options: Normal, Wide, Zoom, or Cinema. VGA and DVI mode is Full 100%, Point to Point.

20. VOL+/- button

Press to increase or decrease the volume.

21. LAST buttons

Press to switch between the current channel and previously viewed channel.

22. MUTE button

Press to turn on or off the speaker output.

23. CH▲/▼ button

Press to select the next or previous program in TV mode.

24. 0~9/- Number buttons

Select desired TV channel directly. For example: to select digital channel "8", press number key "8"; to select digital channel "4-1", press "4", press "-", and press "1" = (4-1).

25. INPUT button

Press to enter the source selecting menu, press the $\blacktriangle \lor$ direction buttons or press the INPUT button repeatedly to select desired source and press the ENTER button to enter the selected source.

26. AUDIO button

Press to select the sound mode: choose from USER, STANDARD, MUSIC, MOVIE and SPORTS.

27. MTS button

Press to select a program's second audio channel (if available).

28. CCD button

Press to select closed caption subtitles (if available) CC Off> CC on > CC on mute.

<u>Remote Control</u>

Preparation of Remote Control

- 1. Softly push the back cover to open the battery compartment.
- 2. Insert two batteries (1.5V, size AAA), please make sure the polarity matches the marks inside the compartment.
- 3. Softly press the back cover to close it.







- ♦ Under normal use the battery will last for six months.
- Take out battery when the remote is not in use for a long time.

Using of Remote control

Point the remote control unit from no more than about 7 meters from the remote control sensor and within about 60 degrees of the front of the unit.



- The operating distance may vary depending on the brightness in the room.
 - Do not point bright lights directly at the remote control sensor.
 - Do not place objects between the remote control unit and the remote control sensor.
 - Do not use this remote control unit while simultaneously operating the remote control unit of any other equipment.

System Connections

Do not connect the power cord until all other connections have been made.
Ensure that you observe the color code when connecting audio and video cables.

Connecting to the Power Supply

Connect the plug of the power cord on the rear panel of the unit to the AC100~240V wall outlet.

Connecting a USB Device

This unit is designed with a USB port so that you can connect your USB device for media play, record or software upgrade. See the figure below:



Make sure that the desired file for media play or software upgrade is stored in the USB device before connection.

Connecting to an External HDMI Signal Source

- 1. Connect an HDMI signal source to one of the HDMI jacks on the rear panel of the unit.
- 2. After connection, turn on the power of the unit and the HDMI signal source.
- 3. Press INPUT then direction buttons to select HDMI 1, HDMI 2 or HDMI3 mode, and then press the ENTER button to confirm.



System Connections

Sì

HDMI provides both audio and video signals and typically provides superior image quality to AV and YPBPR.

ConnectingExternal Equipment to COMPONENT Video IN (YPbPr)

- 1. When connecting external equipment to your television, match the colors of the connecting jacks (Video: Blue, Green, Red; Audio: White / Red).
- 2. Connect the optional component video cables (blue, green, red) (not included) from the video output jacks (Y, Pb, Pr) on your external equipment to the Component Y Pb Pr input on the TV's rear panel.
- 3. Connect white / red audio cables for sound from the audio (L / R) output jacks on your external equipment to the AV L / R input jacks on the TV's rear panel.



4. Press INPUT then direction buttons to select **COMPONENT** mode, and then press the ENTER button to confirm.

Connecting to COMPOSITE Input

Use the AV cables to connect the external AV signal source to the AV input jacks on the rear panel of the unit.

After connection, turn on the power of the unit and the external AV signal source. Press INPUT then direction buttons to select **AV** mode, and then press the ENTER button to confirm.



Connecting to OPTICAL Output

Connect an optional digital cable directly to the television's OPTICAL audio output to listen through all inputs except VGA. (VGA does not support digital audio)

System Connections



Connecting to a PC

The unit can be connected to a PC via the VGA cable and PC audio cable.



- 1. Connect one end of the VGA cable to the VGA jack on the jack panel of the unit and the other end to the PC VGA output.
- 2. Connect one end of the audio cables to the PC IN jack on the jack panel of the unit and the other end to the PC audio output jack.
- 3. Set the PC video resolution to match that of the television (Native 1920 x 1080@60Hz).
- 4. After connection, turn on the power of the unit and the PC.
- 5. Press INPUT then direction buttons to select **PC** mode, and then press the ENTER button to confirm.

Connecting to TV-Signal Input

Connect the TV signal cable (the antenna cable, for example) to the RF input Jack on the back of the unit so that you can receive television programs.

- 1. Connect TV signal input source from the aerial to the RF input jack on the rear panel of the unit.
- 2. After connection, turn on the power of the unit.
- 3. Then press the INPUT button and the direction buttons to select **TV** mode, press the ENTER button to confirm and conduct program selection.

0.0aucr- Homi- Homi- Homi- Voy Voy Voy Voy

Basic Operation

Turning the TV On and Off

- Connect the power adaptor to wall AC Outlet. A front mounted indicator light will be illuminated red indicating the TV has power.
- Press the **POWER** button on the remote control or the TV set. The TV's indicator light will be illuminated blue indicating the TV is turned ON.
- Press the **POWER** button again to turn the TV off. A front mounted indicator light will be illuminated red indicating the TV is off.

Source selecting

The unit incorporates multiple input sources which can be selected via the **INPUT** button on the television or remote. Press the INPUT button to enter Input menu, as shown right.

♦ Use the $\blacktriangle ▼$ direction buttons and the ENTER button

On the input menu, press the $\blacktriangle \lor$ direction button to select the desired input source. After several seconds, the TV will enter the selected source.

Or after you selected the desired source press the ENTER button to enter the selected source immediately.

♦ Use the INPUT button and the ENTER button

On the input menu, press the INPUT button repeatedly to select the desired input source. After several seconds, the TV will enter the selected source.

Or after you selected the desired source press the ENTER button to enter the selected source immediately.

Channel Selection

- 1. Using CH▲/▼ button
- 2. You have also quick access to the different TV channels by using the numeric buttons.
- 3. Using LAST button on the remote control to view the last channel you were watching.

The First Time Installation

The first time you turn on the TV or after you reset all the settings to their original status, the Auto Installation will start. Follow the prompts on the screen to set the Country, Language, Auto Power Off and the Auto Search, then press ENTER button and the channel tuning starts immediately.

All found TV programs will be saved into the channel list.

INPUT SOURCE
тν
AV
Component
HDMI1
HDMI2
HDMI3
PC
USB
• Rename ENTER ENTER

- Press the MENU button to display the setup menu. It includes different categories, such as Channel, Picture, Audio, Time, Setup and Lock.
- ♦ You can change the category using the ◀► buttons and press the ENTER button or ▼ button to enter it.
- ♦ Using the ▲ ▼ buttons and press ENTER button to enter the submenu of each option in the category. Press the MENU button to exit the submenu and return to the previous menu.
- ♦ To leave the system settings, press the EXIT button.

Channel

CHANNEL includes Air/ Cable, Auto Scan, Favorite, Show/ Hide, Channel No, etc .

NOTE:

The Channel category is only active in TV mode.



Air/Cable

Press the ▲▼buttons to Select this item and press the ENTER button to change the cable style.

Auto Scan

Select this item and press the ENTER button to enter a scan menu, press the ◀► button to select "Yes" and press the ENTER button to confirm. Press the **MENU** or **EXIT** button and there will popup a menu when you want to stop searching. Press the ◀► button to select and press ENTER to confirm. After finishing the searching, all found TV programs will be saved into the channel list.

NOTE: Please allow a few minutes for this feature to scan the entire range of available programs.

Picture

PICTURE setting includes Picture Mode, Color Temp., Zoom Mode, 3DNR, Backlight, DLC and Color Range.

с 🔲 🔹	© :	•
	Picture Mode	Standard
•••••		
	R MENU Return	EXIT Exit

Picture Mode

Press the $\blacktriangle \forall$ buttons to select **Picture Mode** and then press the ENTER button, the available picture modes will be listed on the screen.

With the **I** buttons you can select Dynamic, Standard, Theater or Personal.

If you select Personal, you can set the level of the Brightness/ Contrast/ Sharpness/ Color/ Tin as you desired.

Brightness/ Contrast/ Sharpness/ Color/ Tint

Press the ▲ ▼ button to select **Brightness/ Contrast/ Sharpness/ Color/ Tin** and press the **◄**► button to adjust the level.

Color Temp.

Press the $\blacktriangle \forall$ buttons to select **Color Temp.** and then press ENTER button, the available Color Temperature will be listed on the screen.

With the **I** buttons you can select Normal, Warm, Cool or Personal.

Zoom Mode

Press the $\blacktriangle \lor$ buttons to select **Zoom Mode**, then press ENTER to enter it. With the $\blacktriangle \lor$ buttons you can select your desired mode.

3DNR

Press the $\blacktriangle \lor$ buttons to select **3DNR**, then press ENTER to enter it. With the $\blacktriangle \lor$ buttons you can select your desired mode.

Backlight

Press the $\blacktriangle \lor$ buttons to select **Backlight**, then press ENTER to enter it. With the $\blacktriangleleft \triangleright$ buttons you can adjust the backlight standard.

DLC

Press the ▲ ▼ buttons to select **DLC**, then press ENTER button repeatedly to shift On or Off.

Audio

The sound settings include the options for Equalizer, MTS, Digital Output, Surround Sound, etc.

۰ 🗆	, o •	A
	Equalizer	Standard
	NTER MENU Return	EXIT Exit

Equalizer

Press the ▲▼ buttons to select Equalizer and then press ENTER, the available Sound Modes will be listed on the screen. With the •• buttons you can select Standard, Movie, Music, Sports and Personal.

MTS

Press the ▲ ▼ buttons to select **MTS** and then press ENTER to enter the adjusting bar.

With the **I** buttons you can adjust the level of it.

Surround Sound

Press the ▲ ▼ buttons to select **Surround Sound** and then press ENTER button to select Off or On.

Balance

Press the $\blacktriangle \lor$ buttons to select **Balance** and then press the $\blacktriangleleft \triangleright$ buttons to adjust the level of balance.

AV Out

Press the ▲▼ buttons to select **AV Out** and then press ENTER to select Variable or Fixed, you can adjust the **AV Out Volume** with the **◄►** buttons when you select Variable .

Time

The Setup category includes the options for Sleep timer, Time Zone, DST, Time Format, Auto Sync, Clock and Wake Up.



Sleep Timer

Set the Sleep Timer to have the TV to enter the standby mode automatically after the preset time interval.

Press the \blacktriangle \checkmark buttons to select Sleep Timer and press the ENTER button to enter the submenu, then press the \blacktriangle \checkmark buttons to select the preset minutes.

Time Zone

Press the $\blacktriangle \lor$ buttons to select **Time Zone** and press the ENTER button to enter the submenu, select the time zone as you desired with the $\blacktriangle \lor$ buttons.

DST

Press the ▲ ▼ buttons to select **DST** and press the ENTER button to select On or Off.

Clock

Press the \blacktriangle \forall buttons to select **Clock** and press the ENTER button to enter the submenu.

In the submenu, you can set the Date, Month, Year, Hour and Minute.

Press MENU to save the changes and return to the previous menu.

♦ You can adjust **DST** and **Clock** only when you turn off the Auto Sync.

Auto Sync

Press the ▲▼ buttons to select **Auto Sync** and press the ENTER button to select On or Off.

Wake Up

Press the $\blacktriangle \lor$ buttons to select **Wake Up** and press the ENTER button to enter the submenu, you can set the Date, Month, Year, Hour and Minute with the $\blacktriangleleft \triangleright$ buttons.

Setup

The Setup category includes the options for Menu Language, Transparent, Closed Caption, Restore Default, Setup Wizard, Software Update, Blue Screen and Full Screen Display.



Menu Language

This option is for setting the Menu Language.

Press the $\blacktriangle \lor$ buttons to select **Menu Language** and press the ENTER button to enter the submenu. Press the $\blacktriangle \lor$ button to select the Menu Language.

Transparent

Press the $\blacktriangle \lor$ buttons to select **Transparent** and press the ENTER button to enter the submenu, Press the $\blacktriangle \lor$ button to adjust the Transparent.

Closed Caption

Press the ▲ ▼ buttons to select **Closed Caption** and press the ENTER button to enter the submenu. In the submenu, press the ◀► buttons to select CC On, CC on Mute or CC Off.

Restore Default

With this option you can load and reset the factory default settings. All personally settings are deleted.

Blue Screen

Press the $\checkmark \blacktriangle$ button to select **Blue Screen** and press the $\triangleleft \triangleright$ button to select ON or OFF.

Lock

Before you can change the settings, you have to insert the preset password to enter the menu. The default is 0000.

The lock settings include the options for System Lock, Change Password, etc.

System Lock

Press the ENTER button select On or Off.



Change Password

Press the ENTER button to enter the submenu. With this option you can change the old password.

US / Canada

Press the $\blacktriangle \nabla$ buttons to select.

This unit is designed with a USB ports so that you can connect your USB device and playback the files in the USB device.

NOTES:

- ♦ The recognition speed of a USB storage device may depend on each device.
- Please do not turn off the TV or unplug the USB device when the connected USB storage device is working. When such device is suddenly separated or unplugged, the stored files or the USB storage device may be damaged.
- Please do not connect the USB storage device which was artificially maneuvered on the PC. The device may cause the product to malfunction or fail to be played. Never forget to use only a USB storage device which has normal media files.
- Please use only a USB storage device which was formatted as a FAT32 or NTFS file system provided with the Windows operating system. In case of a storage device formatted as a different utility program which is not supported by Windows, it may not be recognized.
- ♦ Some USB storage devices may not be supported or operated smoothly.
- ♦ If the name of a folder or file is too long, it will not be displayed or recognized.
- Please backup the important file because a data of USB device may be damaged. Data management is consumer's responsibility and in consequence the manufactures does not cover the product bearing data damage.

Media Playback

- ♦ It's available to play the photo, music, movie and text files in the USB device.
- The On Screen Display may be different from your set. Images are an example to assist with the TV operations.
- Connect a USB device, then press the INPUT button to enter the Input Source menu. Press the ▲▼ button to select USB mode and press ENTER to display the media menu as shown right:



2. Press the ◀► direction button to select your desired media type (photo, music, movie or text) and press ENTER to enter the corresponding submenu. The palyback procedures of these four type files are similar and we will use Music as an example.

<u>Media Playback</u>

- 3. In the Music submenu, press the ▲ ▼ ◀ ► direction button to select your storage device and press the ENTER button to open it. The songs list will appears.
- 4. In the songs list, you can use the ▲▼ ◀► buttons to select one of them and press ENTER or ►II button to play it. Press Exit button to exit the Music player.

Function Buttons

Button	Function	Button	Function
	Start or pause the playback	•	Go to your desired position.
	Stop the playback.	9	Select the repeat mode.
<	Search backward or forward.		Open or close the play list.
	Return to the previous song or skip to the next song.		

Note: When playing photo, movie and text files, the function buttons may vary from the above ones.

<u>Troubleshooting</u>

SYMPTOM	СНЕСК ІТЕМ
There is no sound.	Make sure the system connection is correct. Make sure the speakers are not muted. Set the correct sound mode.
LED has no display.	Make sure the unit is turned on and the connections are correct. Make sure the power adapter is correctly connected.
There is no picture or picture jitters up and down Unsteady.	Check if the connections with the external AV signal source are correct. Correctly set the items in the picture menu. Check if the video type input signal is not corresponding to the unit. Make sure the unit is turned on and in the correct video type.
The remote control does not work.	Make sure there are no obstructions between the remote control and the player. Make sure the remote control is pointing at the player. Make sure the batteries are inserted and the polarity is correct. Make sure the battery is not weak.

Other Notes:

Static or other external interference may cause the player to behave abnormally. If this occurs, unplug the power-supply cord from the outlet and plug it in again to reset the player. If the problems persist, then please disconnect the power and consult a qualified technician.

Specifications

Model	1 52022
Model	
Screen Size	39-inch LED
Native Resolution	1920 × 1080 Pixels
Brightness	300 cd/m ²
Contrast Ratio	1200 :1
Response time (ms)	8 ms
Speaker Output	7W+7W
AC Input	100-240V ~ 50/60Hz
Power Consumption	<80W
Standby Power	< 1 W
Dimension (with stand)	890 mm \times 230 mm \times 582 mm (W \times D \times H)
Dimension (without stand)	890 mm \times 82mm \times 531 mm (W \times D \times H)
Net Weight	About 7.3 kg
Ambient Temperature	10~45 ℃



Specifications subject to change without pre-notice. Weight and dimensions are approximate.



If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)