

kogan

ΣΟΒΟΡΟΙ ΕΥΕΥΟΕ

USER MANUAL



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Caution



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of un-insulated “dangerous

to constitute a risk of electric shock to the persons.



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



Correct disposal of this Product

(Waste Electrical & Electronic Equipment (WEEE))

Your product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life should be disposed of separately from your household waste. Please dispose of this equipment at your local community waste collection/ recycling center.



Pb



This unit complies with European safety and electrical interference directives.

Safety Information

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below

— — — — —

Electrical safety

- To prevent overload, don't share the same mains supply socket with too many other items of equipment.
 - Do not place any connecting wires where they may be stepped on or tripped over.
 - Do not place heavy items on the leads, which may damage them.
 - Hold the Mains plug, not the wires, when removing from a socket.
 - During a thunderstorm or while leaving the TV for long periods, disconnect the aerial (if outdoor) and mains power from the supply.
 - Do not allow water or moisture to enter the TV . Do NOT use in wet or moist areas such as Bathrooms, steamy kitchens or near swimming pools.
 - Pull the plug out immediately, and seek professional help if:
 - the mains plug or cable is damaged.
 - liquid is spilt onto the set, or if it is accidentally exposed to water or moisture.
 - anything accidentally penetrates the ventilation slots.
 - the set does not work normally
 - Do NOT remove the safety covers. There are no user serviceable parts inside. You may invalidate the warranty. Qualified personnel only are permitted to service this apparatus.
 - To avoid battery leakage, remove exhausted batteries from the remote control handset, or when not using for along period.
 - Do NOT break open or throw exhausted batteries on a fire.
- — — — —

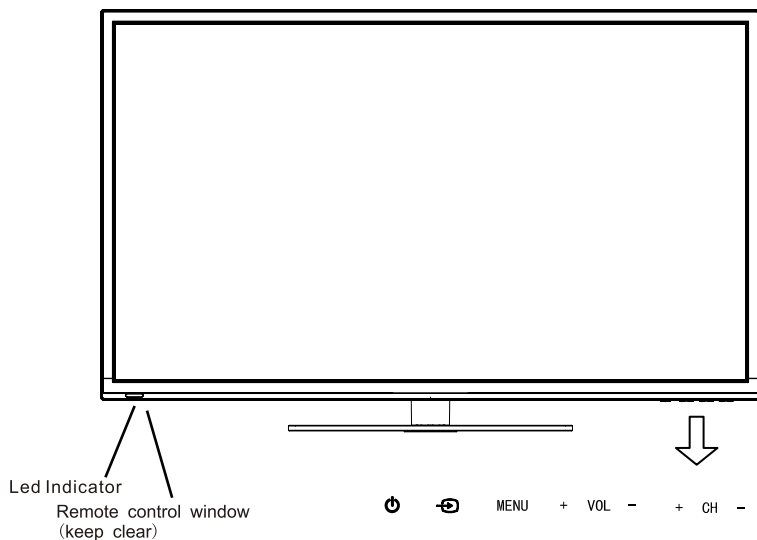
Physical safety

- Do NOT block ventilation slots in the back cover You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around the unit.
- Do NOT tap or shake the TV screen, you may damage the internal circuitry. Take good care of the remote control, do not drop it or allow it to come into contact with liquids.
- To clean the TV use a soft dry cloth. Do NOT use solvents or petrol based fluids. For stubborn stains, you may use a damp soft cloth with diluted detergent.

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

Names of each part

Front View



⏻ : Turn on/standby the TV set.

⏮ : To switch the signal source.

MENU: Display/exit the OSD menu.

+VOL-: Adjust the volume.

+ CH - : Scan through channels.

Accessories

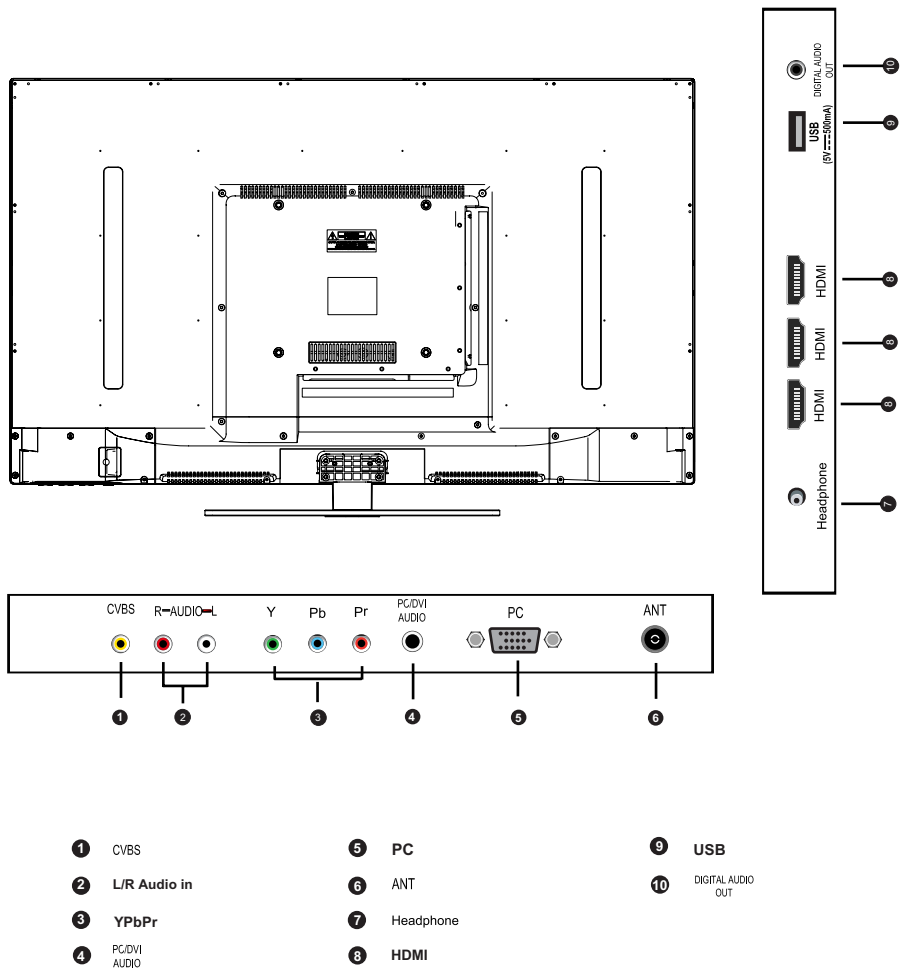
- The configuration of the components may look different from the following illustration.



Remote Control

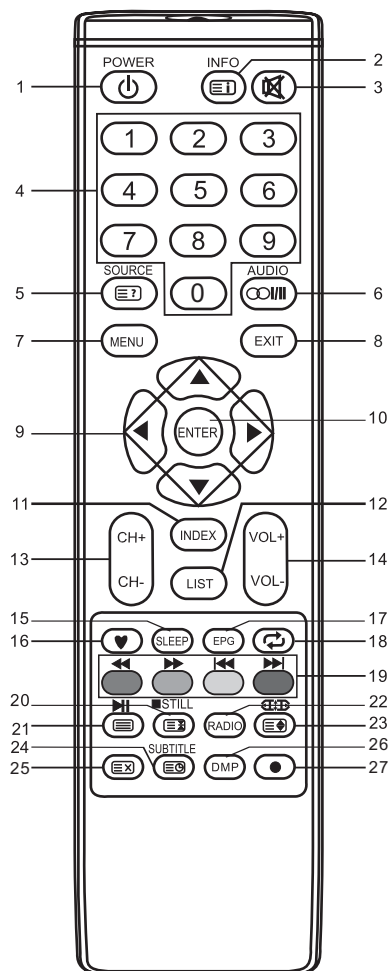
Names of each part

Back View



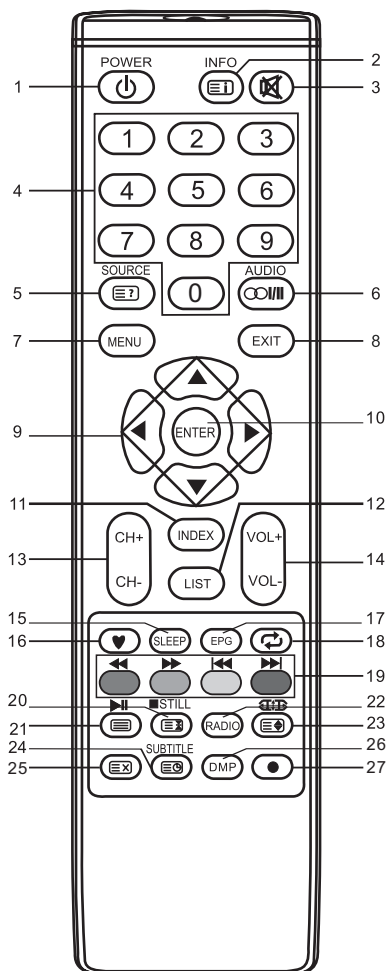
Remote Control

The buttons of the original remote control are as following:



1. **POWER**: switch on or off TV set.
2. **INFO**: Press to display the current program information on the screen.
[INFO]: Go to the index page.
3. **Mute**: Press to mute or restore sound.
4. **NUMBER BUTTONS**: Choose channels or password importation.
5. **SOURCE**: Press to select signal source.
[?]: Reveal the hidden information of some teletext pages.
6. **AUDIO** (∞ I / II): The button can be used to switch between NICAM DUAL I / NICAM DUAL II / NICAM DUAL I + II / MONO and switch Audio language in DTV mode.
7. **MENU**: Press to enter the menu screen for various optional adjustable settings.
8. **EXIT**: Exit OSD Menu.
9. **▲/▼/◀/▶**: To select the direction.
10. **ENTER**: Press to execute the selected item in the menu screen or enter the desired value in any input mode.
11. **INDEX**: Press to enter the Recorded list. (In DTV mode)
12. **LIST**: Press to call up the channel list. Press again to exit it.
13. **CH+/CH-**: Press to select channels in ascending or descending order.
14. **VOL+/VOL-**: Press to adjust the volume level up or down.
15. **SLEEP**: Press to set the sleep timer. When the preset length of time has passed, the TV set enters standby mode.
16. **♥**: Switch on/off the favorite programs list.
17. **EPG**: Electronic Program Guide, use in the DTV mode.
18. **Return**: Return to last viewed program.

Remote Control



19. **COLOR BUTTONS:** Red/ green/ yellow/ blue key navigation link.
 ◀◀: Fast reverse (in USB mode).
 ▶▶: Fast forward (in USB mode).
 ◀: Previous (in USB mode).
 ▶: Next (in USB mode).
20. **STILL:** Press to hold the picture.
 T: Hold the teletext page on display, press again to release.
 ■: Stop (in USB/PVR mode).
21. T: Enter the Teletext, press again for MIX mode, press this button again to exit.
 ▶|: Play / Pause (in USB/PVR mode).
22. **RADIO:** Press to interchange Radio and DTV programs when there is Radio program (In DTV mode).
23. T: Press to select different images sizes.
 T: Change size of teletext screen in display mode.
24. T: Enter subtitle mode or subpage.
25. T: Cancel the teletext but not to exit teletext, press again to exit.
26. **DMP:** Press to switch to the USB source.
27. ●: Press ● button to start recording. (In PVR mode).


NOTE:

- ◆ All pictures in this manual are examples, only for reference, actual product may differ from the pictures.
- ◆ The buttons not mentioned here are not used.

Basic Operation

QUICK START GUIDE

- **Connection**

1. Connecting the mains and antenna.
2. Press  Power button on the remote to turn on the TV.

- **First Time Setup**

When the TV is initially powered on, a sequence of on-screen prompts will assist in configuring basic settings.

OSD Language

Press the / button to select the desired OSD (On Screen Display) language.



Mode Setting

Press the / button to select Home Mode or Store Mode.

Country


Press the / button to select the country you want to.

Auto Scan

Press the / button to select mode: DTV+ATV, DTV, ATV.

Turning on and off the TV

- **Turn on the TV**

Connect the AC input cable. If TV has a power switch, turn it on firstly. Press the  button on remote control can turn on TV from standby mode.

- **Turn off the TV**

Press the  button on the remote control to enter standby mode.

Do not leave your set in standby mode for long periods of time. It is best to unplug the set from the mains and aerial.

- **No signal**

There is No Signal menu on screen when there is no input signal. In ATV/DTV mode, if there is no signal in 15 minutes, the TV will turn off automatically. In PC mode, the TV set will automatically turn off in 5 minutes if no input signal. When VGA cable is connected, the TV turns on automatically.

Programme Selection

- **Using the CH+/CH- on the panel of TV or on the remote control.**

Press CH+ to increase channel number.

Press CH - to decrease channel number.

- **Using 0- 9 digital buttons.**

You can select the channel number by pressing 0 to 9. (In ATV, DTV mode)



- **Example**

To select - channel (e.g. Channel 5): Press 5.

To select -- channel (e.g. Channel 20): Press 2 and 0 in a short time.

Basic Operation

Volume adjustment

- Press the **VOL+/-** button to adjust the volume.
- If you want to switch the sound OFF, press the .
- You can release mute by pressing the  or increase the volume.

Changing the Input Source

You can select the input source by pressing the **SOURCE** button on the remote control. Press the **▲/▼** button to cycle through the input source, and press the **ENTER** button to confirm your choice.

How to Navigate Menus

Before using the TV follow the steps below to learn how to navigate the menu in order to select and adjust different functions. The access step may differ depending on the selected menu.

1. Press the **MENU** button to display the main menu.
2. Press the **◀/▶** button to cycle through the main menu.
3. Press the **▲/▼** button to select the desired sub item.
4. Press the **ENTER** button to access the submenu.
5. Press the **▲/▼/◀/▶** button to select the desired value. The adjustment in the OSD may differ depending on the selected menu.
6. Press the **MENU** button to return to the previous menu.
7. Press the **EXIT** button exit from the menu.

NOTE:

- ◆ When an item in MENU is displayed gray, it means that the item is not available or cannot be adjusted.
- ◆ Buttons on the TV have the same function as corresponding buttons on the remote control. If your remote control is lost or couldn't work, you may use the buttons on the TV to select menus. This manual focuses on operation of the remote control.
- ◆ Some items in the menus may be hidden depending on modes or signal sources used.

OSD Menu

Configuring the Picture Menu

- **Picture Mode**

You can select the type of picture which best corresponds to your viewing requirements.

- **Brightness**

Adjusts the base level of the signal in the picture.

- **Contrast**

Adjusts the signal level between black and white in the picture.

- **Sharpness**

Adjusts the level of crispness in the edges between the light and dark areas of the picture.

- **Saturation**

Adjusts intensity of all colours.

- **Hue** (Only in the NTSC mode)

Adjusts the balance between red and green levels.

- **Color Temp**

Select the color temperature of the picture.

- **Aspect Ratio**

You can select the picture size which best corresponds to your viewing requirements.

- **PC Setting** (In PC mode)

Auto Adjust: Adjust the image automatically.

H Position: Centre the image by moving it left or right.

V Position: Centre the image by moving it up or down.

Phase: Minimize horizontal distortion.

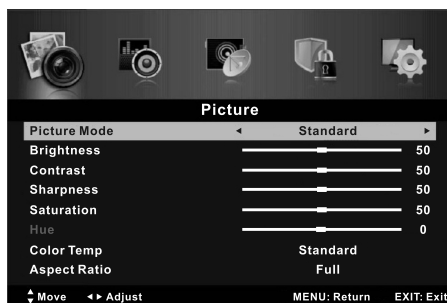
Clock: Minimize vertical stripes in the screen image.

- **Advanced Settings**

NR: Set options to reduce video noise.

MPEG NR: Set options to reduce MPEG noise.

Dynamic Contrast: Automatically adjust picture detail and brightness.



OSD Menu

Configuring the Sound Menu

- **Sound Mode**

You can select a sound mode to suit your personal preferences.

- **Treble**

Adjust the treble effect. Increases or decreases high-pitched sounds.

- **Bass**

Adjust the bass effect. Increases or decreases lower-pitched sounds.

- **Balance**

You can adjust the sound balance of the speakers to preferred levels.

- **Surround Sound**

You can select a desired Surround Sound mode.

- **EQ Setting**

Adjust the curve of 7 bands equalizer.

EQ Mode: Only in User mode, the following can be manually adjusted.

120Hz/300Hz/500Hz/1.2KHz/3.0KHz/7.5KHz/10KHz: Adjusts the level of specific bandwidth frequencies.

Based on your favorites about which frequency band need to be adjusted, make small adjustment with certain frequency band at a time. We suggest NOT making too large changes.

- **AVL**

AVL automatically remains on the same level of volume if you change programmes. Because each broadcasting station has its own signal conditions, volume adjustment may be needed every time when the channel is changed. This feature allows users to enjoy stable volume levels by making automatic adjustments for each program.

- **SPDIF**

You can select a desired SPDIF Output mode.

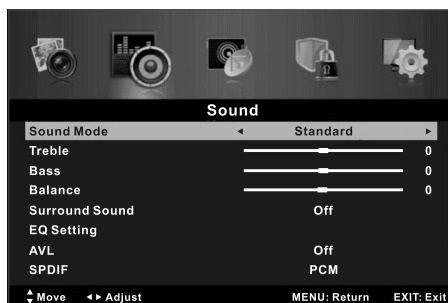
- **Audio Description (In DTV mode)**

Press the ▲/▼ button to select Audio Description, then press the ► button to enter sub-menu.

Press the ▲/▼ button to select Mode, then press the ◀/▶ button to select On, Off. When the mode is On, Volume can be adjusted by users.

- **Sound Type (In DTV mode)**

Press the ▲/▼ button to select Sound Type, then press the ◀/▶ button to select.



OSD Menu

Configuring the Channel Menu

- **Auto Scan**

Press the **ENTER** button to enter sub-menu.

Country: Press the ◀/▶ button to select country.

Mode: Press the ◀/▶ button to select Mode: DTV+ATV, DTV, ATV.

Start: Press the **ENTER** button to start the auto searching.

- **Manual Scan**

Press the **ENTER** button to enter sub-menu.

- **Digital Manual Scan:** Press the ▲/▼ button to select the Digital Manual Scan, then press the **ENTER** button to enter sub-menu.

Digital Scan: Press the ◀/▶ button to select the channel number.

Start: Press the **ENTER** button to start the channel searching.

Frequency: Display the frequency of current TV signal.

Strength: Display the quality of current TV signal.

- **Analog Manual Scan:** Press the ▲/▼ button to select the Analog Manual Scan, then press the **ENTER** button to enter sub-menu.

Analog Scan: Press the ◀/▶ button to select Analog Scan.

Channel to Save: Press the ◀/▶ button to select channel.

Color System: Press the ◀/▶ button to select Color System.

Sound System: Press the ◀/▶ button to select Sound System.

AFC: Press the ◀/▶ button to select On or Off.

Start: Press the **ENTER** button to start the channel searching.

- **Channel Edit**

First press the ▲/▼ button to highlight the channel you want to delete or skip or swap, then:

Press the red button to delete the channel.

Press the green button to skip the select channel.

(Your TV set will skip the channel automatically when using CH+/- to view the channels.)

Press the yellow button to rename the channel. (In ATV mode)

Press the blue button to set the channel to moving state, then press the ▲/▼ button to move it to the position you want to put.

- **Signal Information (In DTV mode)**

Display the current Signal Information.



OSD Menu

Configuring the Lock System Menu

- **Enter Password**

The following items are only available if the password input is correct.
Default password is **0000**. If you forget what you set, please call the service center.

- **Enable**

Channel Locks, Parental Rating and Lock Keypad are available when Enable is On.

- **Channel Locks**

Press ▲/▼ to select the channel you want to lock, then press **ENTER** to set it to lock.

- **Parental Rating**

Press the ▲/▼ button to select Parental Rating, then press ◀/▶ button to select.

- **Lock Keypad**

Set to prevent it from being used by young children, or other unexpected usage.

- **New Password**

Press the ▲/▼ button to select New Password, then enter a 4-digital number you want to set twice.

- **Clear Lock**

Restore the Lock System settings to the factory default.



OSD Menu

Configuring the Setup Menu

- **OSD Language**

Select your preferred On Screen Display language.

- **Audio Languages (In DTV mode)**

Select your preferred audio language. (Available for digital channels if multiple audio languages are broadcasted.)

Press the ▲/▼ button to select Audio Languages, then press **ENTER** button to enter sub-menu.

Press the arrow button to select the Audio Primary Language and Audio Secondary Language.

- **Subtitle (In DTV mode)**

Press the ▲/▼ button to select Subtitle, then press **ENTER** button to enter sub-menu.

Press the ▲/▼ button to select Mode, then press ◀/▶ button to select On or Off.

Press the arrow button to select the Subtitle Primary Language and Subtitle Secondary Language.

Press the ▲/▼ button to select Hearing Impaired, then press ◀/▶ button to select On or Off.

- **Teletext**

Adjust Teletext settings. Only available under DTV and ATV source.

Press the ▲/▼ button to select Teletext, then press **ENTER** button to enter sub-menu.

Under DTV source, press ◀/▶ button to select Digital Teletext Language.

Under ATV source, press ◀/▶ button to select Decoding Page Language.

- **Mode Setting**

Press ◀/▶ button to select Store mode or Home Mode.

- **Time Settings**

Press the ▲/▼ button to select Time Settings, then press **ENTER** button to enter sub-menu.

OSD Time: Select On-Screen Menu displaying time.

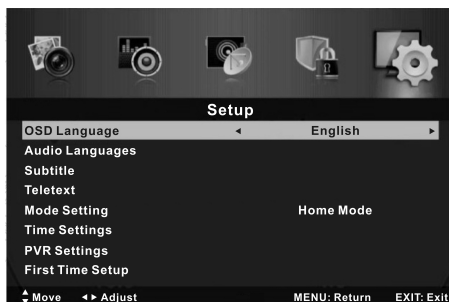
Sleep Timer: Select the time to turn the TV to standby mode automatically.

Auto Sleep: Select the Auto Sleep time you want.

Time Zone: Select your time zone.

Time: Press the ▲/▼ button to select Time, then press **ENTER** button to enter sub-menu. Set Auto Sync to Off, then you can set the time manually.

Note: In the case of loss of power, the clock setting will be lost.



OSD Menu

- **PVR Settings (In DTV mode)**

Press the ▲/▼ button to select PVR Settings, then press **ENTER** button to enter sub-menu.

It will check the USB.

File Manager: To display the Recorded list.

Replay: Press the red button to replay video.

Delete One: Press the green button to delete a video.

Delete All: Press the yellow button to delete all video.

Zoom In: Press the blue button to zoom in the video.

Device List: When multiple recording devices are connected, the recording devices are listed. Select one recording device in the Device List.

Format: Press the red button to format USB disk.

Scheduled Record: To set the parameters for scheduled recording.

Press the **ENTER** button to set the parameters for recording.

Delete One: Press the green button to delete a video.

Delete All: Press the yellow button to delete all video.

Digital program recording

1. Insert an USB disk, Press ● button to record the current program. During the recording, press ● button to zoom in/out the record menu.

2. Press ■ button to stop recording, it will return to normal broadcast television.

NOTE:

- ◆ USB disk at least the capacity with 512MB.

- ◆ Please format the inserted USB disk when it could not be recorded to.

- ◆ During the Device formatting, do not disconnect the device while formatting is in progress. If you format the device, all files will be deleted. Before formatting your device to the TV, please back up your files to prevent them from damage or loss of data. If USB disk in some virus meeting formats turn failure.

- ◆ When an USB device has several partitions, the PVR system can help to choose anyone of that to perform recording.

- ◆ If PVR recording system is used all the time, it will exit PVR system automatically.

- ◆ USB memory must support USB2.0 high-speed specification.

- ◆ Some of nonstandard USB device may not be supported.

- **First Time Setup**

This is a guide to help you to setup the TV.

- **Reset**

Restore the system settings to the factory default.

Multimedia Operation

Using USB mode

• To Access/Quit USB mode

1. Connect an USB device.
2. Press **SOURCE** button to display the main menu. Use the ▲/▼ to highlight USB, and the **ENTER** button to access the USB mode.
3. You may also use the signal source selection menu to exit from the USB mode.

NOTE:

- ◆ Special USB device may be not or well supported.
- ◆ USB max. Load: DC5V 500mA

• The formats supported

Multimedia Categories	File Extension	Decoder		Notes
		Video Decode	Audio Decode	
Movie	*.avi	MPEG-1 MPEG-2 MP MPEG-4 SP MPEG-4 ASP MPEG-4 XVID DivX H.264(AVC) MP@Level 4 H.264(AVC) HP@Level 4	MPEG-1 Layer 2 MPEG-1 Layer 3 MPEG-2 Layer 3 AC3 AAC-LC HE-AAC V1 HE-AAC V2	MPGE1/MPEG2/MPEG4: Up to 1080p @ 30F H.264: Up to 1080p @ 25F AAC: AAC-LC(type 2), HE-AAC v1(type 5,SBR), HE-AAC v2(type 29,SBR+PS)
	MPEG(*.mpeg, *.mpg, *.dat, *.vob)	MPEG-1 MP MPEG-2 MP		
	MPEG-4(*.mp4)	MPEG-4 SP MPEG-4 ASP MPEG-.4 XVID H.264(AVC) MP@Level 4 H.264(AVC) HP@Level 4		
	TS(*.ts, *.trp, *.tp)	MPEG-1 MPEG-2 MP H.264(AVC) MP@Level 4 H.264(AVC) HP@Level 4		
	MKV(*.mkv)	MPEG-1 MPEG-2 MP MPEG-4 SP MPEG-4 ASP MPEG-4 XVID H.264(AVC) MP @ Level 4 H.264(AVC) HP @ Level 4		
	*.flv	H.264(AVC) MP @ Level 4 H.264(AVC) HP @ Level 4		

Multimedia Operation

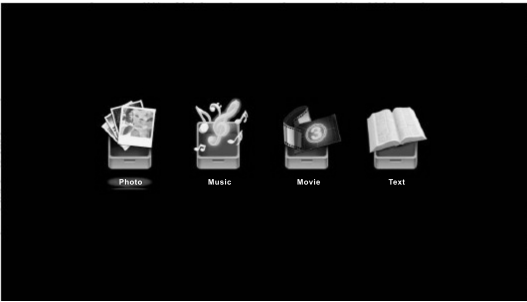
Music	*.mp3		MPEG-1 Layer 3	Bit Rate: up to 320Kbps Sample Rate: 32KHz, 44.1KHz, 48KHz
			MPEG-2 Layer 3	
	AAC(*.aac,*m4a)		AAC HE-AAC V1 HE-AAC V2	
	*.wav		LPCM ADPCM	
Photo	*.jpg *.jpeg	Baseline Mode		72x72 < Baseline resolution < 7680x4320
		Progressive Mode		Progressive Mode Size <=1280x1024 File Size <=10MB
Text	*.txt		UTF-8 UNICODE ASCII	File Size <=1MB

Note: Max 500 files supported each folder.

NOTE:

- ◆ Special algorithm documents may not be or well be supported by the USB.
- ◆ The USB supports the format mentioned above, if the file format is not supported, change it to the given format.

• **Main Operating Interface**



Use the ◀/▶ button to select Photo, Music, Movie or Text. Press **ENTER** button enter into sub-menu.

Multimedia Operation

Photo

Press the ◀/▶ button to select Photo in the main menu, then press **ENTER** button to enter.

Press the ◀/▶ button to select disk you want to watch, then press **ENTER** button to enter.

Press the **CH+/-** button to change page.

Press the **INDEX** button to access to the quick menu.

Use the arrow buttons to highlight the folder, and then press the **ENTER** button.

Use the arrow buttons to highlight a file, and then press the ▶|| button to play.

Press the ■ to stop the playing files.

Press the **EXIT** button to back to the previous menu.

Music

Press the ◀/▶ button to select Music in the main menu, then press **ENTER** button to enter.

Press the ▲/▼ button to select disk you want to watch, then press **ENTER** button to enter.

Press the ◀/▶ button to change page.

Press the **INDEX** button to access to the quick menu.

Use the ▲/▼ button to highlight the folder, and then press the **ENTER** button.

Use the ▲/▼ button to highlight a file, and then press the ▶|| button to play.

Press the ■ to stop the playing files.

Press the **EXIT** button to back to the previous menu.

Movie

Press the ◀/▶ button to select Movie in the main menu, then press **ENTER** button to enter.

Press the ▲/▼ button to select disk you want to watch, then press **ENTER** button to enter.

Press the ◀/▶ button to change page.

Press the **INDEX** button to access to the quick menu.

Use the ▲/▼ button to highlight the folder, and then press the **ENTER** button.

Use the ▲/▼ button to highlight a file, and then press the ▶|| button to play.

Press the ■ to stop the playing files.

Press the **EXIT** button to back to the previous menu.

Text

Press the ◀/▶ button to select Text in the main menu, then press **ENTER** button to enter.

Press the ▲/▼ button to select disk you want to watch, then press **ENTER** button to enter.

Press the ◀/▶ button to change page.

Press the **INDEX** button to access to the quick menu.

Use the ▲/▼ button to highlight the folder, and then press the **ENTER** button.

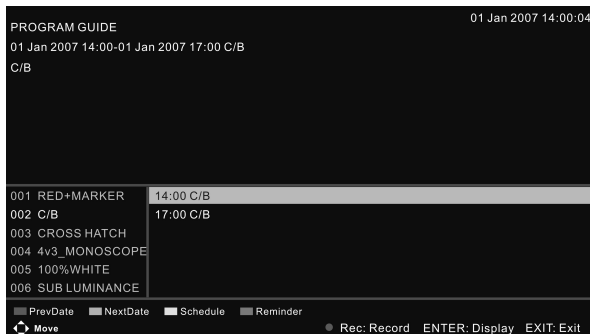
Use the ▲/▼ button to highlight a file, and then press the ▶|| button to play.

Press the **EXIT** button to back to the previous menu.

Important Unique Buttons

PROGRAM GUIDE (In DTV mode)

Press the **EPG** button to enter PROGRAM GUIDE menu.



Press the **●** button to set the parameters for recording. You can choose the time of the program you want to record. The unit is only able to do schedule recording when TV is turned on or in standby mode. When recording starts in standby mode, there will be no picture or sound from the unit.

Press the red button to view the previous date's guide.

Press the green button to view the next date's guide.

Press the yellow button to display the EPG Schedule List.

Press the blue button to book program.

Press the **EXIT** button to exit.

Channel List

Press **LIST** button to display the Channel List.

Press **▲/▼** to select the items. Press **ENTER** button to enter the channel.

Press **◀/▶** button to page up or down the Channel list.

Press **EXIT** button to exit.

Favorite List

Press **♥** button to display the favorite list.

Press the red button to delete the selected favorite program.

Press the green button to add the current program to the favorite list.

Press **▲/▼** to select the items.

Press **◀/▶** button to page up or down the Favorite list.




Press **ENTER** button to enter the channel.

Press **EXIT** button to exit.

Teletext

Using the teletext feature

• Display teletext

1. Select a TV station with a teletext signal.
2. Press the  button to enter teletext mode.
3. Press the  button 2nd to enter Mix mode, this function enables you to superimpose the teletext page over the TV program.
4. Press the  button 3rd return or exit to the normal ATV/DTV mode.


• Page selection

1. Enter the page number (three digits) using the number buttons. If you press a wrong number during input, you must complete the three digit number and then reenter the correct page number.
2. The **CH-/CH+** button can be used to select the preceding or following page.

• Hold




You can press the  button to hold a page, and press it again to release the page.

• Index



Press the  button to enter the main index page directly.

• Enlarging Text

When a page is displayed, you can double the size of the text to make it easier to read.


1. Press the  button to enlarge the top half of the page.
2. Press the  button again to enlarge the bottom half of the page.
3. Press the  button once more to return to the normal display.

• Reveal mode

You can display concealed teletext information (e.g. Answer to puzzles or riddles etc.) by pressing  button. Press  button again to remove the information from the display.

• Subpage

Some teletext may contain several sub-pages which are automatically paged in a certain cycle by the TV station.

1. You can enter into a certain sub page by pressing the  button directly and select the page number with number buttons. Enter the sub page number (e.g. 0003) for the third sub page.
2. Press the button again to exit the sub page mode.

• Color buttons (Red, Green, Yellow and Blue)

Press these buttons to access directly to the corresponding color pages displayed at the lower part of the teletext screen.

Trouble shooting

Troubleshooting

Before contacting a service technician, perform the following simple checks. If any problem still persists, unplug the TV and call Kogan customer support for advice.

PROBLEM	POSSIBLE SOLUTION
No sound and picture	<ul style="list-style-type: none">- Check whether the main plug has been connected to a wall outlet.- Check whether you have pressed the POWER button on the front of TV set.- Check the picture contrast and brightness settings.
Normal picture but no sound	<ul style="list-style-type: none">- Check the volume.- Sound muted? Press the MUTE button.- Try another channel, the problem may be with the broadcast.- Are the audio cables installed properly?
The remote control does not work	<ul style="list-style-type: none">- Check to see if there any object between the product and remote control causing obstruction.- Are batteries installed with correct polarity (+ to +, - to -)?- Correct remote operating mode set: TV, VCR etc.?- Install new batteries
Power is suddenly turned off	<ul style="list-style-type: none">- Is the sleep timer set?- Check the power control settings. Power interrupted.- No broadcast on station tuned with auto activated.
Picture appears slowly after switching on	<ul style="list-style-type: none">- This is normal, the image is muted during the product startup process. Please contact your service center if the picture has not appeared after five minutes.
No color, poor color or poor picture	<ul style="list-style-type: none">- Adjust the color in menu option.- Keep a sufficient distance between the product and the VCR.- Try another channel, the problem may be with the broadcast.- Are the VIDEO cables installed properly?- Activate the any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	<ul style="list-style-type: none">- Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	<ul style="list-style-type: none">- Station or cable product experiencing problems. Tune to another station.- Station signal is weak, reorient antenna to receive weaker station.- Check for sources of possible interference.
Lines or streaks in pictures	<ul style="list-style-type: none">- Check the antenna (Change the direction of the antenna).
No output from one of the speakers	<ul style="list-style-type: none">- Adjust balance in menu option.

Trouble shooting

NOTE: There is a problem in VGA mode (Only VGA mode applied).

PROBLEM	POSSIBLE SOLUTION
The signal is out of range.	<ul style="list-style-type: none">- Adjust resolution, horizontal frequency, or vertical frequency.- Check it whether the signal cable is connected or loose.- Check the input source.
Vertical bar or stripe on back ground & Horizontal Noise & Incorrect position.	<ul style="list-style-type: none">- Work the auto configure or adjust clock, phase, or H/V position.
Screen color is unstable or single color.	<ul style="list-style-type: none">- Check the signal cable.- Reinstall the PC video card.

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then used it to wipe the screen.
2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

Extended Absence



If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

Disposal of old electrical appliances



The European directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in the normal unsorted municipal waste stream. Old appliances must be collected separately in order to optimize the recovery and recycling of the materials they contain, and reduce the impact on human health and the environment.

The crossed out "wheeled bin" symbol on the product reminds you of your obligation, that when you dispose of the appliance, it must be separately collected.

Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.

Specifications

Techincal Specifications

TV

TV System	PAL/SECAM	BG/DK
Screen size	40" (diagonal)	
Resolution	1920 x1080 pixels (RGB)	
Aerial input	75 Ω	
Max Power Consumption	60W	