

Basic operation

Use [GUIDE] button

Press the [GUIDE] button to display features of the ATSC program and the EPG function.

Use [DISPLAY] button

Press the [DISPLAY] button to view current source information.

Use [EXIT] button

Press the [EXIT] button to exit the OSD menu.

Select channels by numbers

To select a channel: Press the channel number you would like to go to. For example, to select channel number 120, press buttons 1, 2 and 0, respectively.

Use [MENU] button

Press the [MENU] button to display the TV OSD menu.

Use [LAST] button

Press the [LAST] button to return to the previous channel.

Use [ENTER] button

Press the [ENTER] button to select a particular item.

Adjust Volume

Press [VOL+ /VOL-] button to adjust the volume.

Use [CCD] button

Press the [CCD] button to change the CCD mode. Using this button will set the Closed Caption mode when viewing a DTV or TV channel.

Note: For DTV the options are CC1, CC2, CC3, CC4, Service1 or Service2. For TV and AV, the options are On or Off. Additionally, this button stops the CD, DVD or VCR when the component is activated with the remote control.

Use [MTS/SAP] button

Press the [MTS/SAP] button to change the sound mode (Mono, Stereo, SAP). This button will select the MTS options of Stereo, SAP, or Mono in TV mode, alternate audio channels, and when available, in DTV mode.

Use [SLEEP] button

Press the [SLEEP] button repeatedly to set the sleep time, which can be set to: 5 Mins, 10 Mins, 15 Mins, 30 Mins, 45 Mins, 60 Mins, 90 Mins, 120 Mins, 180 Mins, 240 Mins, and Off.

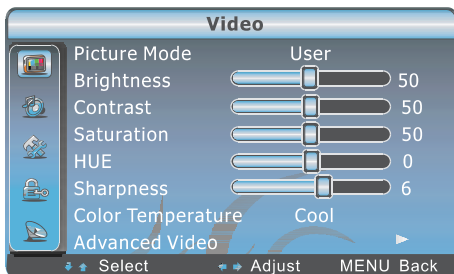
Use [TIME] button

Press the [TIME] button to obtain the current time.

Basic operation

Video mode adjustment

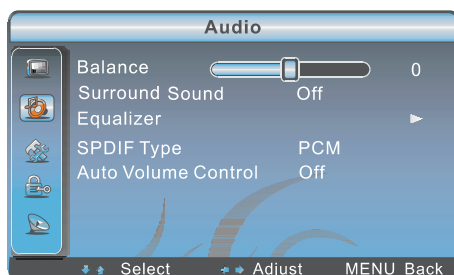
1. Press **MENU** to open the OSD option
2. Press **▲** or **▼** to highlight Video, then press **▶** to enter the Video menu"Refer to page 12 "Select picture mode



3. Press **▲** or **▼** to highlight an option, then press **◀** or **▶** to adjust the option. You can adjust:
 - **Picture Mode** - Adjusts the Picture Mode. You can select Standard, Movie, User, or Vivid.
 - **Brightness** - You can increase or decrease the brightness of the picture. Increasing the brightness can add more light to dark areas of the picture, while decreasing the brightness can add more darkness to light areas of the picture.
 - **Contrast** - You can increase or decrease the contrast of the picture. Increase the contrast to adjust the white areas of the picture or decrease the contrast to adjust the black areas of the picture.
 - **Saturation** - Adjusts the intensity of the colors.
 - **HUE** - Adjusts the overall color of the picture.
 - **Sharpness** - You can increase the sharpness level for clearer images or decrease the sharpness level for smoother images.
 - **Color temperature** - Changes the color temperature. You can select the color temperature from three options: Cool, Standard or Warm.
 - **Advanced Video** - Accesses advanced video settings such as DNR, Black Level, Extender, White Peak Limiter and Flesh Tone.

Audio mode adjustment

1. Press **MENU** to open the OSD option
2. Press **▲** or **▼** to highlight **Audio**, then press **▶** to enter the **Audio** menu.



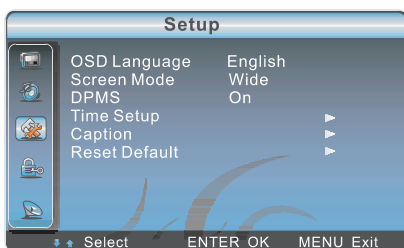
Basic operation

3. Press ▲ or ▼ to highlight an option, then press ◀ or ▶ to adjust the option. You can adjust:
 - **Balance** - Adjusts the volume of the left and right speakers.
 - **Equalizer** - You can select the frequency you want to adjust and change its value.
 - **Surround Sound** - Turns the surround sound effect on or off.
 - **Auto Volume Control** - Turns automatic volume control on or off. The option keeps the audio in a preset range to eliminate large spikes in volume.
 - **SPDIF Type** - Selects the SPDIF type. You can select PCM, Dolby Digital, or Off.

Note: Via SPDIF Type, you can choose the optical digital audio out type. If Audio Volume Control is On, that means audio out control is activated.

Setup

1. Press MENU to open On Screen Display (OSD) option
2. Press ▲ or ▼ to highlight **Setup**, then press ▶ to enter the **Setup** menu.

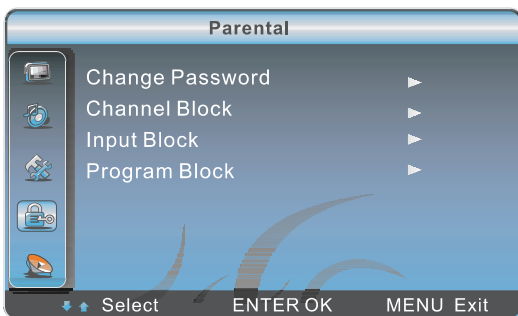


3. Press ▲ or ▼ to highlight an option, then press ◀ or ▶ to adjust the option. You can adjust:
 - **OSD Language** - Use the right or left arrow button to choose the OSD Language among English, Spanish and French.
 - **Screen Mode** - Use the arrow button to choose the aspect ratio between picture width and picture height (High Definition 16:9 pictures will be displayed in original format 16:9, named Wide). The options for SD (Standard Definition 4:3) are Normal, Wide, Zoom and Cinema.
 - **DPMS** - This is a good function for a computer monitor. When DPMS is on, the computer will control the screen on or off. For example, if the computer is in sleep mode, the screen will be switched off. If the computer is activated, the screen also is activated.
 - **Time Setup** - You can set up the exact time by yourself. You can also set up Sleeper Time and Auto Sleep Time.
 - **Caption:** There are three items in it - Analog Closed Caption, Digital Closed Caption and Digital Caption Style.
 - Analog Closed Caption:** CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, TEXT4.
 - Digital Closed Caption:** Service1, Service2, Service3, Service4, Service5, Service6.
 - Digital Caption Style:** There are two Caption Styles. One is the automatic function set as the broadcaster, while the other is the custom style where you can adjust the font size, color, background color etc., accordingly.
 - **Reset Default** - Every TV has its original setting before leaving the factory. So this function helps you restore these settings.

Basic operation

Parental Control

1. Press MENU to open On Screen Display (OSD) option
2. Press ▲ or ▼ to highlight **Parental**, then press ► to enter the **Parental** menu.



- When you first use this function, the default password is [0000]. Once you input this password, you can:
3. Press ▲ or ▼ to highlight an option, then press ◀ or ▶ to adjust the option. You can adjust:
 - **Channel Block** - This function will let you block any channel you want.
 - **Program Block** - A. Rating Enable is on
 - B. U.S. TV Ratings: You can choose TV ratings according to the illustration on the screen.
 - C. The settings for U.S. Movie Ratings, Canada (English) Ratings and Canada (French) Ratings follow Step B.

If you want to block the unrated program, please turn on this function.

Following is the description of these ratings.

About TV PG Rating:

The TV ratings are divided into two groups: age-based and content-based.

| Age | Defined as |
|-------|-----------------------------|
| TV-Y | All children |
| TV-Y7 | Directed to older children |
| TV-G | General audience |
| TV-PG | Parental Guidance suggested |
| TV-14 | Parents Strongly cautioned |
| TV-MA | Mature Audience only |

| Contents | Defined as |
|----------|---------------------|
| FV | Fantasy Violence |
| D | Suggestive dialogue |
| L | Strong language |
| S | Sexual situations |
| V | Violence |

Basic operation

About MPAA Rating:

The Motion Picture Association of America(MPAA) uses a rating system to qualify motion picture content. Television broadcasters employ a rating system to qualify the content of television programs as well. The MPAA and TV ratings work with the V-CHIP feature and allow you to block out programming above the rating limits you determine.

| Rating | Defined as |
|--------|------------------------------|
| G | General audience |
| PG | Parental Guidance suggested |
| PG-13 | Parents strongly cautioned |
| R | Restricted |
| NC-17 | No one 17 and under admitted |
| X | Adult audience only |

About Canada (French)

| Rating | Description |
|---------|--|
| G | General |
| 8 ans+ | 8+General; Not recommended for young children |
| 13 ans+ | Programming may not be suitable for children under the age of 13 |
| 16 ans+ | Programming is not be suitable for children under the age of 16 |
| 18 ans+ | Programming restricted to adults |

About Canada (English)

| Rating | Description |
|--------|---|
| C | Children |
| C8+ | Children eight years and older |
| G | General Programming, suitable for all audiences |
| PG | Parents Guidance |
| 14+ | Viewers 14 years and older |
| 18+ | Adult programming |

NOTE: As you block rating, all rating higher than the ones you select are blocked as well. For example, if you choose to block the MPAA rating R, the higher ratings, NC-17 and X, are automatically blocked too .

Basic operation

- **Input Block** - You can block the input source with this function. For example, if you want to block AV input, just highlight [**AV**] and press [**ENTER**].The AV input will not be seen in the screen.
- **Change Password** - The first time you use this function, use the default password. If you want to change it, first enter the new password then enter the same password again.
- **Clean All** - This function will let you clean all the channels stored on this TV.
Note: If you choose this function, all the programs you preset will be lost.

Appendix

Cleaning and Care

WARNING: Do not try to remove the cabinet from the back. Refer servicing to qualified service technicians.

To clean the TV screen:

1. Unplug the TV to avoid possible shock hazard.
2. Use a clean cellulose sponge or chamois cloth dampened with a solution of mild detergent and warm water to clean the TV screen and trim. Do not use too much water as water spilled into the cabinet can cause damage to the TV.
3. Wipe off any excess moisture with a clean dry cloth.
4. Polish the cabinet with a quality furniture polish to maintain the finish and appearance of the cabinet.

Caution: Never use strong solvents such as thinner, benzene, or other chemicals on or near the cabinet. These chemicals can damage the finish of the cabinet.

Appendix

Troubleshooting

Before calling a service technician, please check the following table for a possible cause of the problem and some solutions.

Customer important notice: If the TV functions cannot be operated, unplug the AC cord from AC power source, wait at least 1 minute, then re-plug AC cord. This will reset the TV settings and should restore TV to normal operation.

| Symptoms | Possible Solutions |
|--|--|
| TV will not turn on | <ul style="list-style-type: none"> Make sure the power cord is plugged in, then press Power (Standby). The remote control batteries may be dead. Replace the batteries. Unplug the VGA wire and plug the power wire again. |
| No picture, no sound | <ul style="list-style-type: none"> Check if you have set the timer off. Check the antenna/cable connections. Press [Display] to see if you have selected the right signal source. |
| No sound, picture OK | <ul style="list-style-type: none"> The sound may be muted. Press [VOL+] on the remote control. The station may have broadcast difficulties. Try another channel. Check the speakers cable connections. Check if earphones are plugged into unit. |
| Poor sound, picture OK | <ul style="list-style-type: none"> The station may have broadcast difficulties. Try another channel Check the speakers cable connections. |
| Poor picture, sound OK | <ul style="list-style-type: none"> Check the antenna connections. The station may have broadcast difficulties. Try another channel. Adjust the picture from the menu. |
| Unable to select a certain channel | <ul style="list-style-type: none"> The channel may be skipped. Choose this channel by directly selecting the buttons from the remote control. |
| Poor colour or no colour | <ul style="list-style-type: none"> The station may have broadcast difficulties. Try another channel. Adjust Saturation in the Video settings menu. |
| The remote control does not operate | <ul style="list-style-type: none"> There may be an obstruction between the remote control and the remote control sensor. The batteries may be installed with a wrong polarity. The remote control batteries may be dead. Replace the batteries. |
| Disorder display at power on | <ul style="list-style-type: none"> This may be caused because of a very short interval between POWER OFF and ON. Unplug the power and restart. |
| Remote control programming | <ul style="list-style-type: none"> Cable and Satellite content providers control the remote codes, and we apologize for any confusion during the remote programming. Please try the following codes 10019, 0178, 10178, 0030, 10030, 0835, 10835, or for Dish Network try 627, 659 or 505. For Fios TV (Verizon), try the code 3264. These codes may not work on some universal remotes. If there is another code listed for Element Electronics in your universal remote control guide, please try that code. Refer to the Remote Control Guide under your TV's model number for more information. |
| <p>You may also visit us at www.elementelectronics.com to address any product use and performance questions you may have</p> | |

Appendix

Wall-mounting Bracket Installation

| Unit Dimension(unit: mm) | Screw Diameter | Screw Length(unit: mm) |
|--------------------------|----------------|------------------------|
| 400X400 | M6 | 12 |

Remark: The specification of screw is just used on the back cabinet.

NOTE: Wall mount bracket is not included with TV and mounting of wall mount bracket to wall may vary depending on brand and size of bracket. Customer should consult bracket mounting instructions that came with wall mount for specific information on how to mount bracket to wall.

Removing TV Stand

1. Cover the surface of the table with soft cloth to avoid damage to LCD panel.
2. Lay the TV on a plane table which could bear a weight enough.
3. Remove the 4 bolts fixing the stand and remove the stand from TV.



Before reading the installing instruction, please notice:

- A. The wall mount is not contained in the accessories sold with television. We only provide the installing specifications but not the wall mount itself. If you need the mount, please consult with the local dealer for the assorted fitting parts.
- B. We strongly suggest to set the wall mount with equipments of specification we ordered. If not, inappropriate installation may cause damage to both the device and yourself.

Appendix

Specifications

| | | |
|---------------------------------|---|---|
| Model | ELDHW421 | |
| Diagonal display size | 42 Inches | |
| Television system | American TV standard ATSC /NTSC system | |
| Audio multiplex | BTSC system | |
| Channel coverage | VHF: 2~13 UHF: 14~69 CATV:1~125 Digital Terrestrial Broadcast (8VSB): 2~69 Digital cable (64/256 QAM): 1~135 | |
| PC mode | 640×480/60Hz,800×600/60Hz,1024×768/60Hz | |
| YPbPr/YCbCr mode | 480I/60Hz,480P/60Hz,720P/60Hz,1080I/60Hz , 1080P/60Hz | |
| HDMI mode | 480I/60Hz,480P/60Hz,720P/60Hz,1080I/60Hz , 1080P/60Hz | |
| Resolution | 1920×1080 | |
| Power source | AC 120 V , 60 Hz | |
| Power consumption | 240W | |
| Audio power | 8W+8W | |
| Connection Interface | RF input | Cable/ Antenna ×1 |
| | Video input | VideoX2 S-VideoX1 ComponentX2 HDMI X3 |
| | Graphic input | Analog RGB 15pin ×1 |
| | Audio input | AV Audio X 2 Component Audio X 2 VGA Audio Input X 1 |
| | Audio output | Audio X 1 Coaxial Audio out x 1 Headphone audio out x 1 |
| Dimensions | Length: 40.5inches Width: 12.2inches Height: 26.9inches | |
| Weight | 51.8lbs | |
| Environmental conditions | Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa | |
| Supplied accessories | Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG, Remote Control Guide, Warranty Registration card | |

Design and specifications are subject to change without notice.

CUSTOMER NOTICE: Use carefully when operating to prevent damage to the screen.



This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health. Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly. To find out how to properly dispose of this product, please go to www.elementelectronics.com and click on Sustainability.



Manufactured under license from Dolby Laboratories.
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.
Confidential unpublished works. © 1992 -1997 Dolby Laboratories, Inc. All rights reserved.



This TV incorporates High-Definition Multimedia Interface (HDMI™) technology.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.