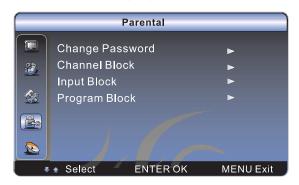
# **Basic operation**

#### **Parental control**

- 1. Press **MENU** to open the 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 televison programs as well.

The MPAA and TV ratings work with the V-CHIP feature and allow you to block out programming above the

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	
Х	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
С	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.

#### TV settings

- 1. Press **MENU** to open the OSD option
- 2. Press ▲ or  $\blacktriangledown$  to highlight TV, then press  $\blacktriangleright$  to enter the TV menu.



- 3. Press ▲ or ▼ to highlight an option, then press ◀ or ▶ to adjust the option. You can adjust:
  - Tuner Mode Select the TV signal source. You can select Antenna or Cable.
  - **Channel Scan** Scans for channels that have signals and stores the channels information in memory. When you press ◀ or ▶, your TV skips any channels that do not have a signal.
  - Channel Skip Deletes a channel stored in memory. When you press CH+ or CH-, your TV skips the channel you deleted. You can still tune to the channel using the number buttons on the remote control.
  - MTS Selects the sound mode. You can select Mono, Stereo, or SAP (second audio program).
  - Audio Language-Selects the audio language for a program.

## **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 can not be operated, please unplug the power and restart .

Symptoms	Possible Solutions
TV will not turn on	<ul> <li>Make sure the power cord is plugged in, then press Power (Standby).</li> <li>The remote control batteries may be dead. Replace the batteries.</li> <li>Unplug the VGA wire and plug the power wire again.</li> </ul>
No picture, no sound	<ul> <li>Check if you have set the timer off.</li> <li>Check the antenna/cable connections.</li> <li>Press [Display] to see if you have selected the right signal source.</li> </ul>
No sound, picture OK	<ul> <li>The sound may be muted. Press [VOL+] on the remote control.</li> <li>The station may have broadcast difficulties. Try another channel.</li> <li>Check the speakers cable connections.</li> </ul>
Poor sound, picture OK	<ul> <li>The station may have broadcast difficulties. Try another channel</li> <li>Check the speakers cable connections.</li> </ul>
Poor picture, sound OK	<ul> <li>Check the antenna connections.</li> <li>The station may have broadcast difficulties. Try another channel.</li> <li>Adjust the picture from the menu.</li> </ul>
Unable to select a certain channel	The channel may be skipped. Choose this channel by directly selecting the buttons from the remote control.
Poor colour or no colour	<ul> <li>The station may have broadcast difficulties. Try another channel.</li> <li>Adjust Saturation in the Video settings menu.</li> </ul>
The remote control does not operate	<ul> <li>There may be an obstruction between the remote control and the remote control sensor.</li> <li>The batteries may be installed with a wrong polarity.</li> <li>The remote control batteries may be dead. Replace the batteries.</li> </ul>
Disorder display at power on	<ul> <li>This may be caused because of a very short interval between POWER OFF and ON.</li> <li>Unplug the power and restart.</li> </ul>

# **Appendix**

# **Specifications**

Diagonal display size   40 inches			
American TV standard ATSC /NTSC system	Model		40LE45S
Audio multiplex	Diagonal display size		40 inches
VHF: 2~13	Televisio	n system	American TV standard ATSC /NTSC system
Channel coverage  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  4801/60Hz,480P/60Hz,720P/60Hz,10801/60Hz  HDMI mode  4801/60Hz,480P/60Hz,720P/60Hz,10801/60Hz  Resolution  1920×1080  Power source  AC 120 V , 60 Hz  Power consumption  Audio power  7W+7W  RF input  Cable/ Antenna ×1  VideoX2 S-VideoX1 ComponentX2 HDMIX3  Graphic input  Analog RGB 15pin ×1  Audio input  AVAudio X 2 Component Audio X 2 VGA Audio Input X 1  AVAudio X 1 Optical Audio out x 1 Headphone audio out x 1 Headphone audio out x 1 Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  Fenuronmental conditions  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Audio mu	ltiplex	BTSC system
YPbPr/YCbCr mode         480I/60Hz,480P/60Hz,720P/60Hz,1080I/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         230W           Audio power         7W+7W           RF input         Cable/ Antenna × 1           VideoX2         S-VideoX1           ComponentX2         HDMIX3           Interface         Graphic input         Analog RGB 15pin × 1           AV Audio X 2         VGA Audio Input X 1           AV Audio X 1         Optical Audio out x 1           Headphone audio out x 1         Headphone audio out x 1           Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches           Weight         55.1 lbs           Environmental conditions         Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa           Function accessories         Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Channel coverage		Digital Terrestrial Broadcast (8VSB): 2~69
HDMI mode 480I/60Hz,480P/60Hz,720P/60Hz,1080I/60Hz,1080P/60Hz  Resolution 1920 × 1080  Power source AC 120 V , 60 Hz  Power consumption 230W  Audio power 7W+7W  RF input Cable/ Antenna × 1  Video X2  S-VideoX1  ComponentX2  HDMIX3  Interface Graphic input Analog RGB 15pin × 1  Audio input Avadio X 2  Component Audio X 2  VGA Audio Input X 1  Avadio output Avadio x 1  Optical Audio out x 1  Headphone audio out x 1  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Function accessories Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	PC mode		640×480/60Hz,800×600/60Hz,1024×768/60Hz
Resolution  Power source  AC 120 V , 60 Hz  230W  Audio power  RF input  Cable/ Antenna ×1  Video X2  S-Video X1  ComponentX2  HDMIX3  Audio input  Av Audio X 2  Component Audio X 2  VGA Audio Input X 1  Audio output  Av Audio X 1  Audio output  Av Audio X 2  Component Audio x 2  VGA Audio Input X 1  Audio output  Av Audio X 1  Audio output  Dimensions  Dimensions  Dimensions  Power consumption  AC 120 V , 60 Hz  Audio X 2  Video Hz  Component X 1  Av Audio X 2  VGA Audio X 2  VGA Audio Input X 1  Av Audio X 1  Optical Audio out x 1  Headphone audio out x 1  Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  Function secondaries  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	YPbPr/Y	CbCr mode	480I/60Hz,480P/60Hz,720P/60Hz,1080I/60Hz
Power source	HDMI mo	de	480I/60Hz,480P/60Hz,720P/60Hz,1080I/60Hz,1080P/60Hz
Power consumption  Audio power  RF input  Cable/ Antenna ×1  VideoX2 S-VideoX1 ComponentX2 HDMIX3  Analog RGB 15pin ×1  Av Audio X 2 Component Audio X 2 VGA Audio Input  Av Audio X 1 Optical Audio out x 1 Headphone audio out x 1 Headphone audio out x 1  Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  Functions  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Resolution	on	1920×1080
Audio power    RF input   Cable/ Antenna ×1	Power sou	ırce	AC 120 V , 60 Hz
RF input Cable/ Antenna ×1  VideoX2 S-VideoX1 ComponentX2 HDMIX3  Graphic input Analog RGB 15pin ×1  Av Audio X 2 Component Audio X 2 VGA Audio Input X 1  Audio output Avadio X 1 Optical Audio out x 1 Headphone audio out x 1 Headphone audio out x 1 Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  55.1 lbs  Environmental conditions Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Supplied assessmine Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Power consumption		230W
Video input  Video input  S-VideoX1 ComponentX2 HDMIX3  Analog RGB 15pin ×1  AV Audio X 2 Component Audio X 2 VGA Audio Input  Av Audio X 1 Optical Audio out x 1 Headphone audio out x 1 Headphone audio out x 1  Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  Function  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Audio pov	ver	7W+7W
Connection Interface  Graphic input  Av Audio X 2 Component Audio X 2 Component Audio X 2 VGA Audio Input  Av Audio X 1 Optical Audio out x 1 Headphone audio out x 1  Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  Supplied accessories  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,		RF input	Cable/ Antenna $ imes 1$
Av Audio X 2  Audio input  Av Audio X 2  Component Audio X 2  VGA Audio Input X 1  Av Audio X 1  Optical Audio out x 1  Headphone audio out x 1  Length: 39.1 inches  Width: 12.2 inches  Height: 28.3 inches  Weight  Dimensions  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Connection		S-VideoX1 ComponentX2
Audio input  Component Audio X 2 VGA Audio Input X 1  Av Audio X 1 Optical Audio out x 1 Headphone audio out x 1  Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  Environmental conditions  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Interface	Graphic input	Analog RGB 15pin $ imes$ 1
Audio output  Optical Audio out x 1 Headphone audio out x 1 Length: 39.1 inches Width: 12.2 inches Height: 28.3 inches  Weight  55.1 lbs  Environmental conditions  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,		Audio input	Component Audio X 2
Weight  55.1 lbs  Environmental conditions  Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,		Audio output	Optical Audio out x 1
Environmental conditions Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa  Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Dimensions		Width: 12.2 inches
Remote control, AC cord, Batteries, User Manual, Warranty Card, QSG,	Weight		55.1 lbs
	Environmental conditions		Temperature 5°C~35°C (41F~95F) Humidity:20%-80%RH, Atmospheric pressure:86kPa-106kPa
i .	Supplied	accessories	

Design and specifications are subject to change without notice. CUSTOMER NOTICE: Use carefully when operating to prevent damage to the screen.