SUNCAST

USER MANUAL

Table of Contents

Read Before Use

Read this instruction manual carefully and follow all requirements for safe operation.

- Do not cover or block ventilation openings with items such as newspaper, tablecloths, curtains, etc. Ensure adequate space around the device for sufficient ventilation.

- Do not place open flame sources, such as candles, on or near the device.

- Do not submerge the device in water.

- Do not place objects filled with liquids, such as vases, on the device.

- Do not expose batteries to extreme heat.

- Keep the power cord readily accessible in order to disconnect the device.

- Clean only with a soft, dry cloth.

- Do not install near any heat sources such as radiators, stoves or other devices (including amplifiers) that produce heat.

- Do not disregard the safety regulations of polarized or grounding-type plugs. A polarized plug has two blades, one wider than the other. A grounding type plug has two blades and a third grounding prong.The wide blade and the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the dysfunctional outlet.

- Only use attachments/accessories specified by the manufacturer.

- Use device only with a cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the device. When a cart is used, use caution when moving the combination of cart and device to avoid injury from tip-over.

- Unplug device during lightning storms or when unused for long periods of time.

- Refer all servicing to qualified service personnel. Servicing is required when device has been damaged in the event that: the power supply cord or plug has been damaged, object(s) fall on device, device has been dropped, or device does not operate normally.

- Install in accordance with manufacturer's instructions.

- Avoid using device in an excessively humid environment.

- Use both hands when carrying the TV.

Note: Should the manual not correspond to the device, please refer to the device itself.

Never place the TV in an unstable installation area. The TV may fall and cause serious injury or death, particularly to children. Injuries can be avoided by taking the following precautions:

- Use mounts or stands recommended by the manufacturer.
- Use only furniture that can safely support the TV.
- Ensure that the TV does not overlap with the edge of the supporting furniture.
- Warn children regarding the danger of climbing on furniture when attempting to reach the TV or its controls.

⚠ CAUTION ⚠

- Batteries should not be exposed to extreme heat. Do not dispose of batteries in fire; batteries may explode or leak. Do not mix alkaline, standard or rechargeable batteries.
- Refer all servicing to qualified service personnel.
- To reduce the risk of electric shock, do not perform maintenance other than that specified in the operating instructions, unless you are qualified to do so.
- Avoid keeping a static picture or a picture with static elements on your TV for more than two hours at a time, as this may cause damage known as screen burn in. Decrease the chances of burn in by altering the picture size for a minute or two every couple of hours or reduce the display's contrast and brightness.
- Use caution when performing the installation to avoid injury. If using the included wall mount, refer to the wall mount instructions for details on installation.
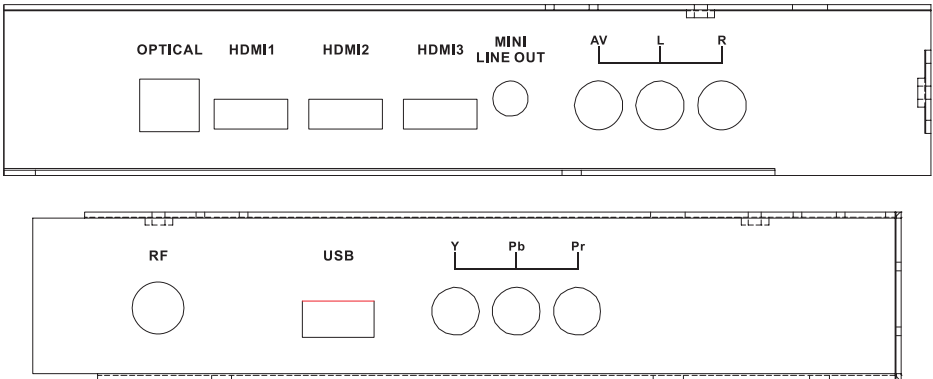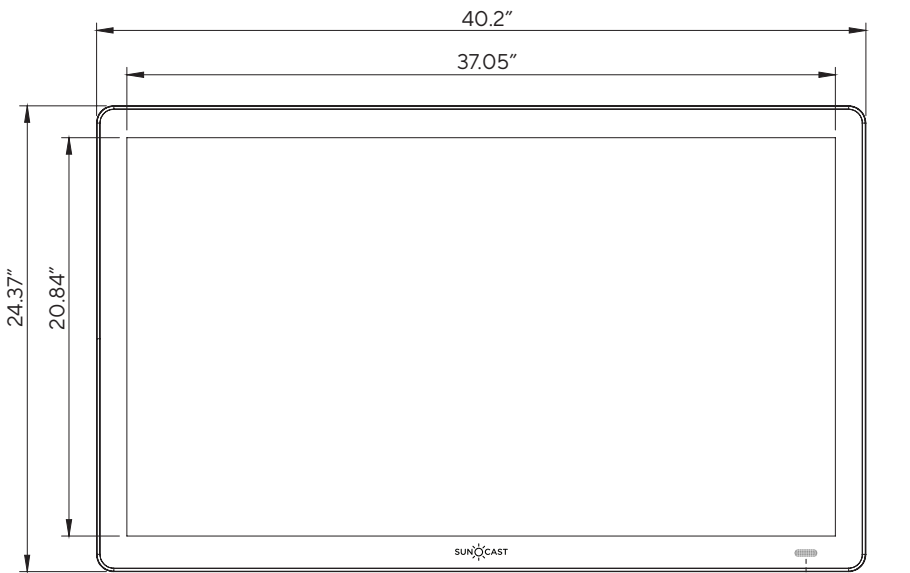
Getting Started

What's in the Box?

- 43" Outdoor TV
- IP55 Waterproof Remote (CR2025 battery not included)
- Wall Mount Kit
- User Manual
- Quickstart Guide
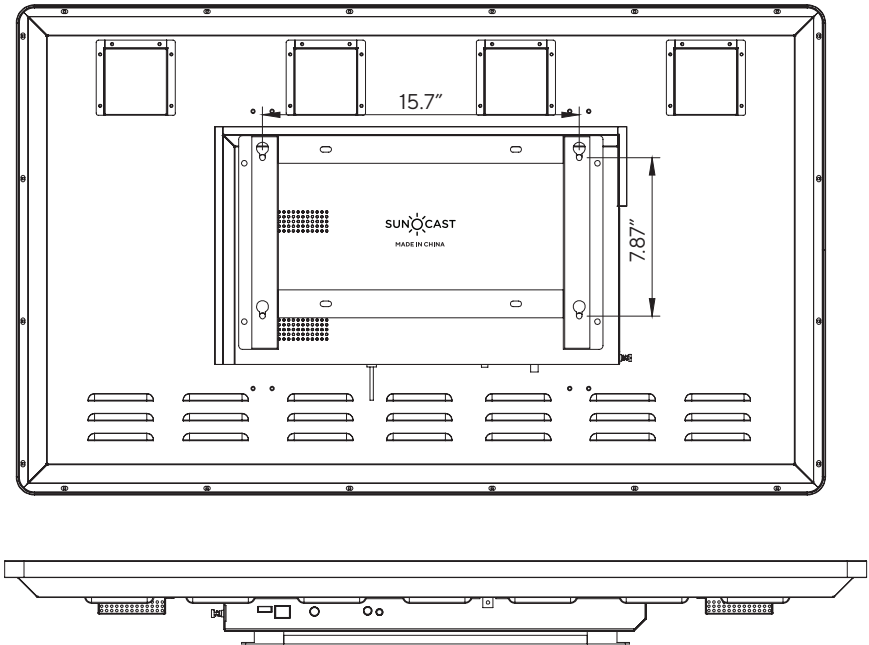- Warranty Card

Inputs and Connections

- Optical Out x 1
- HDMI In x 3
- Mini Line Out x 1
- AV In x 1
- Audio In x 1
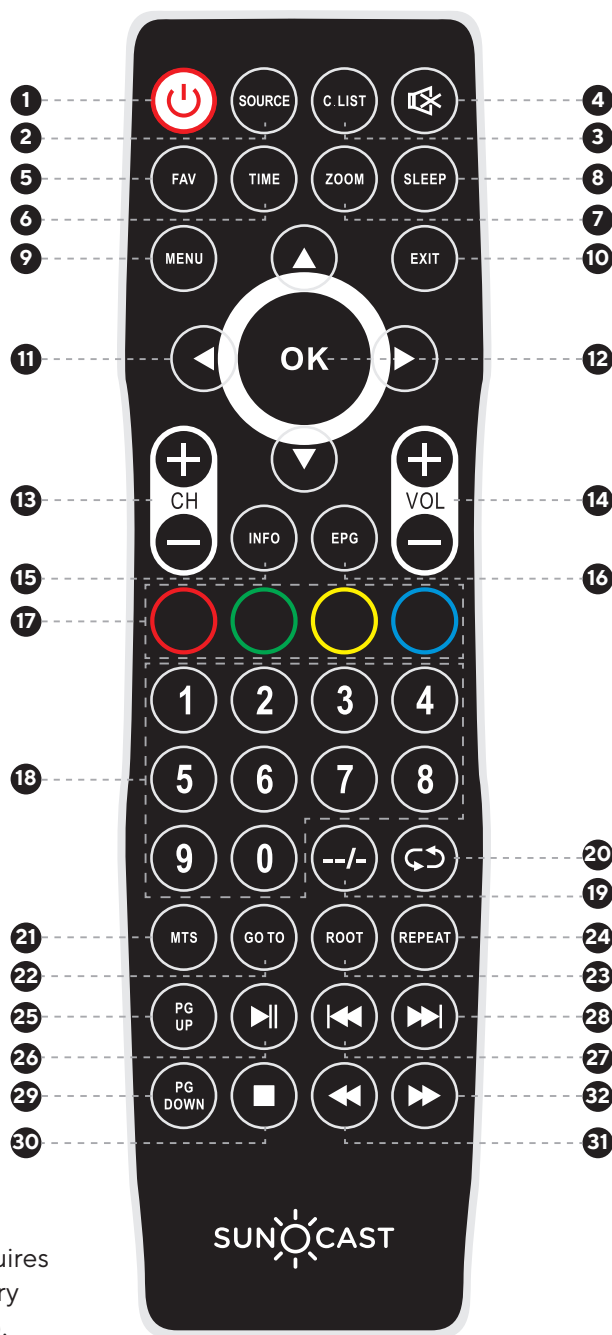- Video In x 1
- RF/Antenna In x 1
- USB x 1
- YPbPr In x 1

OPTICAL HDMI1 HDMI2 HDMI3 MINI LINE OUT AV L R

RF USB Y Pb Pr

Getting Started

40.2″

37.05″

24.37″

20.84″

Power Indicator Light
and IR Receiver

15.7″

SUN CAST
MADE IN CHINA

7.87″

Note:

This remote requires 1 CR2025 battery (sold separately).

Remote Functions

1.	**POWER**	Turn TV on/off
2.	**SOURCE**	Select various input sources (TV/HDMI/USB)
3.	**C.LIST**	Channel list
4.	**MUTE** (🔇)	Mute/Unmute sound
5.	**FAV**	Favorites menu
6.	**TIME**	Time settings
7.	**ZOOM**	Change aspect ratio
8.	**SLEEP**	Set display to sleep mode
9.	**MENU**	Operations menu
10.	**EXIT**	Exit the selected menu item
11.	◀/▲/▼/▶	Navigation keys
12.	**OK**	Confirm or enter
13.	**CH+/-**	Scroll through channels
14.	**VOL+/-**	Increase or decrease the volume
15.	**INFO**	Display source or channel information
16.	**EPG**	Enter Electronic Program Guide
17.	◯◯◯◯	Shortcut buttons
18.	**0~9**	Numeric buttons
19.	**--/-**	Press once to enter a program with two digits; press twice to enter 3 digits
20.	↩	Return to previous channel
21.	**MTS**	Multichannel TV Sound
22.	**GO TO**	Jump to a specific time during playback
23.	**ROOT**	Return to main menu
24.	**REPEAT**	Repeat playback in USB mode
25.	**PG UP**	TV channel up
26.	▶‖	Press to pause playback; press again to resume
27.	⏮	Previous chapter
28.	⏭	Next chapter
29.	**PG DOWN**	TV channel down
30.	■	Stop playback and return to menu
31.	◀◀	Rewind
32.	▶▶	Fast forward

Hot Keys
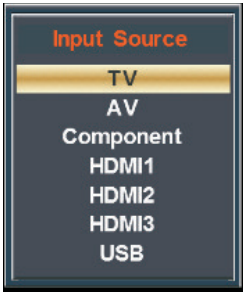
SOURCE

Press the SOURCE button on the remote control to enter the Input Source menu. Select the input source you want to display: TV, AV, HDMI-connected devices or USB drive.
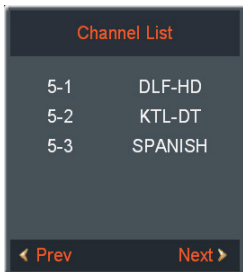
C.LIST and FAV

While viewing the Channel List or Favorite menu, select the desired channel using the arrow buttons. Press the OK button on the remote to start watching programs on that channel.

MUTE

- Press MUTE to close the MUTE menu.
- When CC Mode is ON, the MUTE menu closes.
- When CC Mode is CC ON MUTE, press MUTE to open MUTE menu. After three seconds, CC (closed captioning) content appears.
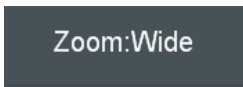
ZOOM

Use this button to adjust the aspect ratio of the picture displayed on the screen.

SLEEP

Press this button to select the amount of time you would like the TV to stay on before powering itself off. You can set the sleep timer for up to 240 minutes, after which the TV will turn off.

Hot Keys

INFO

Press INFO once to display the default menu.

11-6 SPANISH	CC CC1	What is New Scooby-Doo?
	SD 720x480 Audio 1/1(L+R)	TV-Y7-FV
	2010/07/13 03:29PM 03:00PM-03:30PM	Good

Press INFO continuously, and a brief introduction to the program will appear. If the program does not have a short introduction, "No event information" will display. The window will close automatically after three seconds.

11-6 SPANISH	CC CC1	What is New Scooby-Doo?
	SD 720x480 Audio 1/1(L+R)	TV-Y7-FV
	2010/07/13 03:29PM 03:00PM-03:30PM	Good

NO EVENT Information

EPG

Press the EPG (electronic program guide) button to check what's showing on your TV and view program details.

11-6 RF11-6 — THE MARVELOUS MRS. MAISEL

< Prev   07/13 08:00PM-08:30PM   Next >

Set in 1950s Manhattan, The Marvelous Mrs. Maisel is a 60-minute dramedy that centers on Miriam "Midge" Maisel, a sunny, energetic, sharp, Jewish girl who had her life mapped out: go to college, find a husband, have kids, and throw the best Yom Kippur break-fasts in town.

MTS

a. DTV MTS: MTS key works only when there is a digital TV (DTV) signal. In the MTS menu, you can change the audio language options.

b. ATV MTS: MTS key works only when there is an amateur TV (ATV) signal. Enter the MTS menu to change MTS options: Stereo/Mono/SAP.

Main Menu

Main Menu Interface
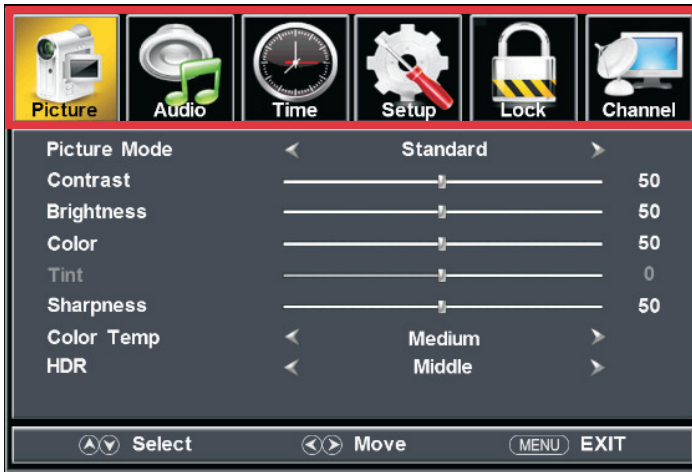
Main Menu Operation

Key	Main Menu Function	Submenu Function
Menu	Enter Main Menu	Return to Main Menu
Exit	Exit Main Menu	Exit Menu
Ⓐ Up		Select previous item. If current item is first, skip to the last item.
Ⓥ Down	Enter Submenu	Select next item. If current item is last, skip to the first item.
Ⓡ Right	Change Submenu	Adjust item option or value; go to the next Submenu
Ⓛ Left	Change Submenu	Adjust item option or value; go to the previous Submenu
OK/Enter	Enter Submenu	Enter next Menu

Submenus

I. Picture Submenu
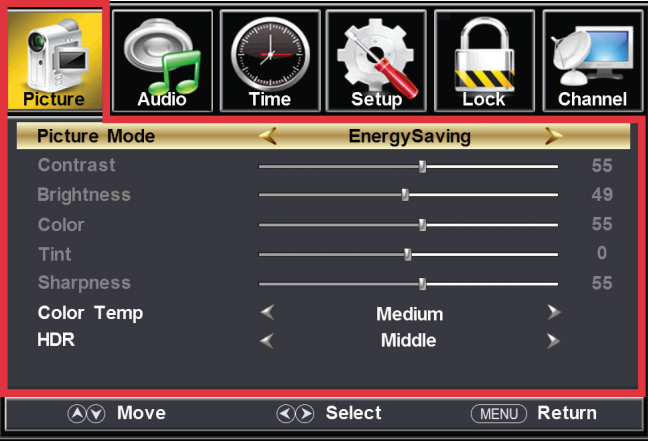
Item	Options	Default	Function
Picture Mode	Standard / Dynamic / Soft / User / Energy Saving	Standard	
Contrast	0 – 100	50	You can customize the image while viewing adjustments. When you close the Main Menu, a pop-up window will display, allowing you to adjust the image contrast.
Brightness	0 – 100	50	You can customize the image while viewing adjustments. When you close the Main Menu, a pop-up window will display, allowing you to adjust the image brightness.
Color	0 – 100	50	Adjust image saturation
Tint	–50 – 50	0	Only adjustable under NTSC signals. Remains at 0 on non-NSTC signals.
Sharpness	0 – 100	50	Adjust image sharpness
Color Temp	Medium / Warm / Cool	Medium	Adjust color temperature
HDR	Middle / Strong / Weak	Middle	Adjust high dynamic range settings

II. Audio Submenu
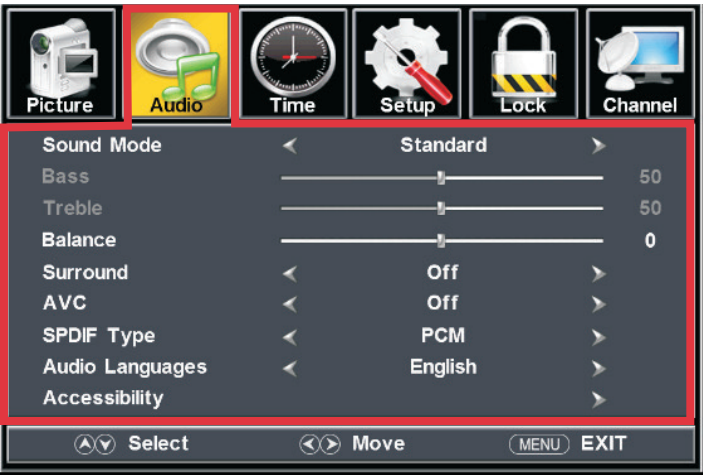
Item	Options	Default	Function
Sound Mode	Standard / Music / Movie / User	Standard	
Bass	0 - 100	50	Adjust bass levels
Treble	0 - 100	50	Adjust treble levels
Balance	0 - 100	50	Adjust left/right balance
Surround	Off / On	Off	Turn surround sound on/off
AVC	Off / On	On	Turn adaptive volume control on/off
SPDIF Type	RAW / PCM	RAW	Only available under DTV and HDMI signals
Audio Language	English / French / Spanish	English	Only available under DTV signals

Submenus

III. Time Submenu

Item	Options	Default	Function
Sleep Timer	Off / 5 min / 10 min / 15 min / 30 min / 45 min / 60 min / 90 min / 120 min / 180 min / 240 min	Off	Set your TV to automatically enter Sleep Mode after the selected amount of time
Time Zone	Pacific / Alaska / Hawaii / Atlantic / Eastern / Central / Mountain	Pacific	
Daylight Savings Time	On / Off	Off	Only adjustable under DTV signals
Time Format	Time Display Format		Set time format to 12-hour or 24-hour
Auto Clock	On / Off	On	
Clock			Shows current date and time

IV. Setup Submenu

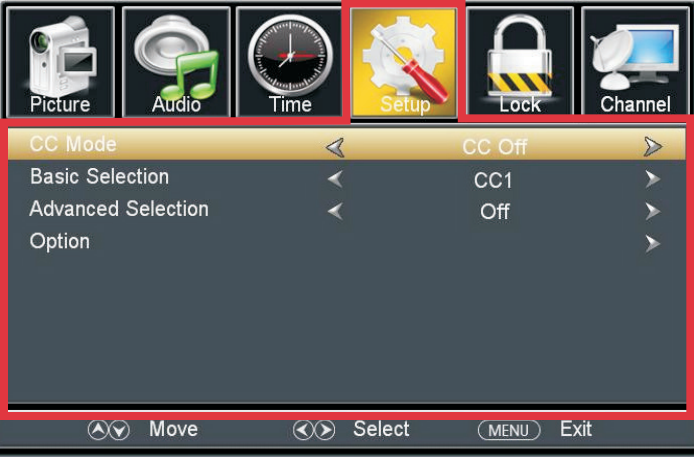| Item	Options	Default	Function
Menu Language	English / French / Spanish	English	
Transparency	On / Off	Off	Adjust the on-screen display transparency
Zoom Mode	Non-VGA signals: Wide / Zoom / Cinema / Normal VGA signals: Wide / Normal	Wide	
Noise Reduction	Off / Weak / Middle / Strong	Middle	
Closed Caption			Enter closed captioning settings
DLC	On / Off	On	Dynamic brightness control
Setup Wizard			Go to Wizard Menu
HDMI CEC			Enter HDMI CEC (Consumer Electronics Control) settings
EDID Switch	EDID	EDID 1.4	Extended Display Identification Data
Restore Default			Restore all settings to factory default

Submenus

IV-A. Setup Submenu (Advanced Setup)
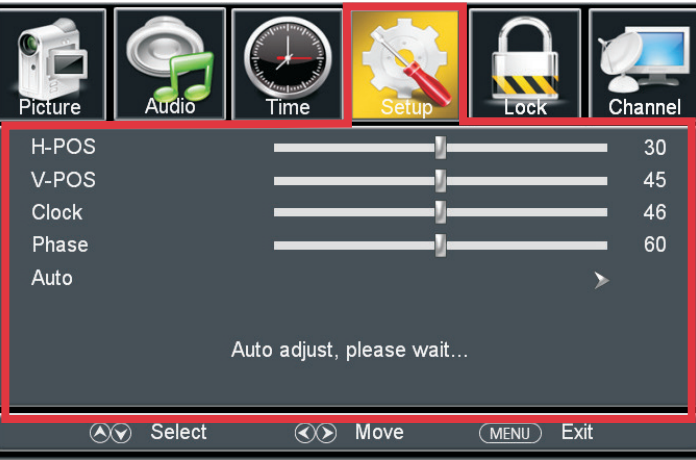
Item	Options	Function
H-Pos	0 - 100	In order to receive optimum values, we recommend using the Auto function instead of adjusting these settings manually.
V-Pos	0 - 100	
Clock	0 - 100	
Phase	0 - 100	
Auto		Adjusts settings automatically. This menu will close if the signal is lost while adjusting. This ensures that adjustments will not be made without a signal.

Submenus

IV-B. Setup Submenu (Closed Caption Setup)

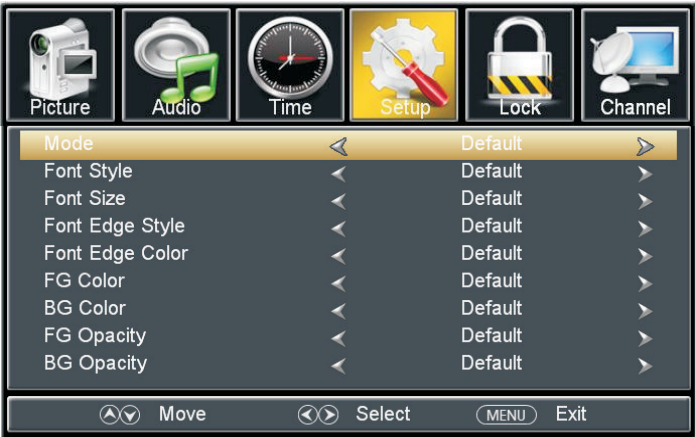| Item	Options	Default	Function
CC Mode	Off / On / CC on Mute	Off	Select when closed captions should display
Basic Selection	CC1 / CC2 / CC4 / Text1 / Text2 / Text3 / Text4	CC1	
Advanced Selection	Service1 / Service2 / Service3 / Service4 / Service5 / Service6	Service 1	Only adjustable under DTV signals
Option			Only adjustable under DTV signals

IV-C. Setup Submenu (Restore Default)

When restoring your settings to factory default, a prompt will appear asking you to confirm your changes. Use the left and right direction keys to choose No/Yes then press OK/Enter to confirm.
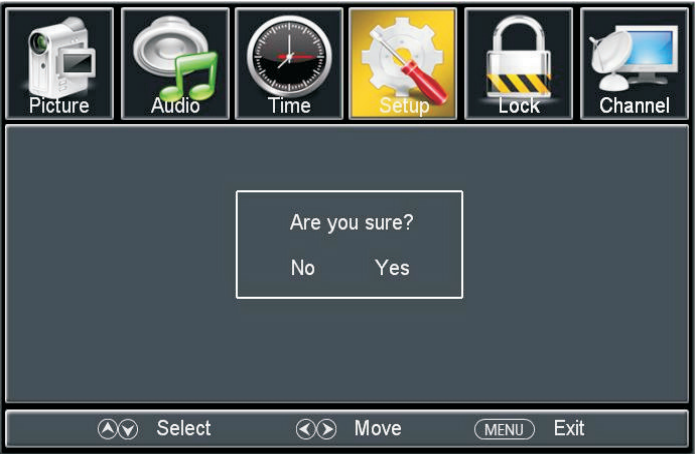
IV-C. Setup Submenu (Appearance)

Scroll through these settings to customize the menu's appearance.

Submenus

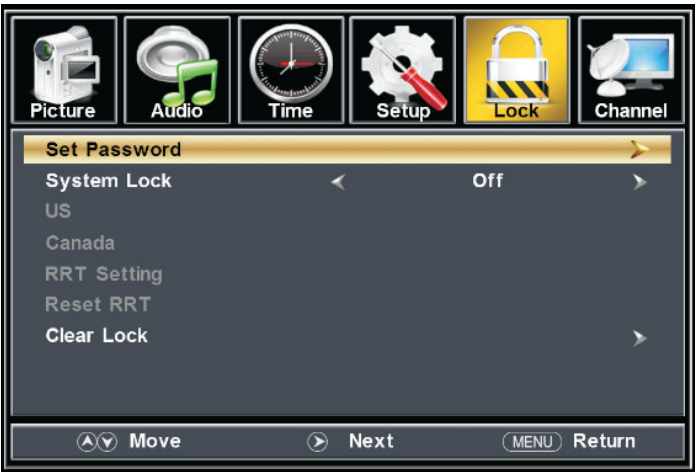| Item	Options	Default	Function
Mode	Default / Custom	Default	If this item is set to default, then the below settings will also be set to default
Font Style	Default / Font0 / Font1 / Font2 / Font3 / Font4 / Font5 / Font6 / Font7	Default	
Font Size	Default / Normal / Large / Small	Default	
Font Edge Style	Default / None / Raised / Depressed / Uniform / Left Shadow / Right Shadow	Default	
Font Edge Color	Default / Black / White / Red / Green / Blue / Yellow / Magenta / Cyan	Default	
FG Color	Default / Black / White / Red / Green / Blue / Yellow / Magenta / Cyan	Default	Change the menu foreground color
BG Color	Default / Black / White / Red / Green / Blue / Yellow/ Magenta / Cyan	Default	Change the menu background color
FG Opacity	Default / Solid / Flashing / Transluscent / Transparent	Default	Change the menu foreground opacity
BG Opacity	Default / Solid / Flashing / Transluscent / Transparent	Default	Change the menu background opacity

Submenus

V. Lock Submenu

Input a four-number password to access further menu options. If the password is incorrect, you will be prompted to re-enter the correct password.

Note: Default password is 0000

Once you have entered the correct password, you may access additional settings.
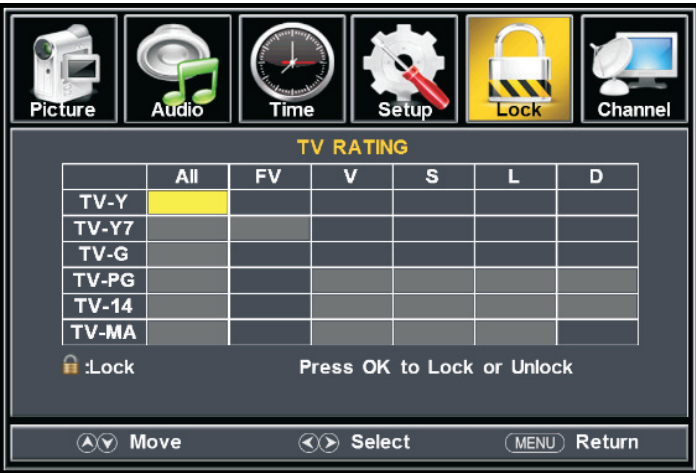
Submenus

Item	Options	Default	Function
Set Password			Change the lock password.
System Lock	Off / On	Off	Turn V-chip off/on. Turning this option on allows you to block programs based on their ratings.
US			Select US program rating
Canada			Select Canadian program rating
RRT Setting			Set Rating Region Table
Reset RRT			Reset Rating Region Table settings
Clear Lock			Clear all lock settings

V-A. Lock Submenu (Lock > US >TV)

In this submenu, you may lock certain TV ratings of your choice. This will prompt you to enter a password before you can proceed to watch certain programs.

To create locks, use the left/right directional keys to navigate through the options below. Press OK/Enter to lock or unlock a TV rating.

Submenus

VI. Channel Submenu

Item	Options	Default	Function
Air / Cable	Air / Cable	Cable	
Auto Scan			Auto scan for available programs
Favorite			Favorite a channel to easily navigate to it in the future
Show / Hide			Show/hide specific channels
Channel No.	List of searched channels		
Channel Label			Assign labels to channels to organize them into groups
DTV Signal			Displays the intensity of your DTV signal. This item cannot be customized.

Connecting External Devices

You may connect external devices (such as USB drives, laptops, speakers, gaming consoles, etc.) to your TV.
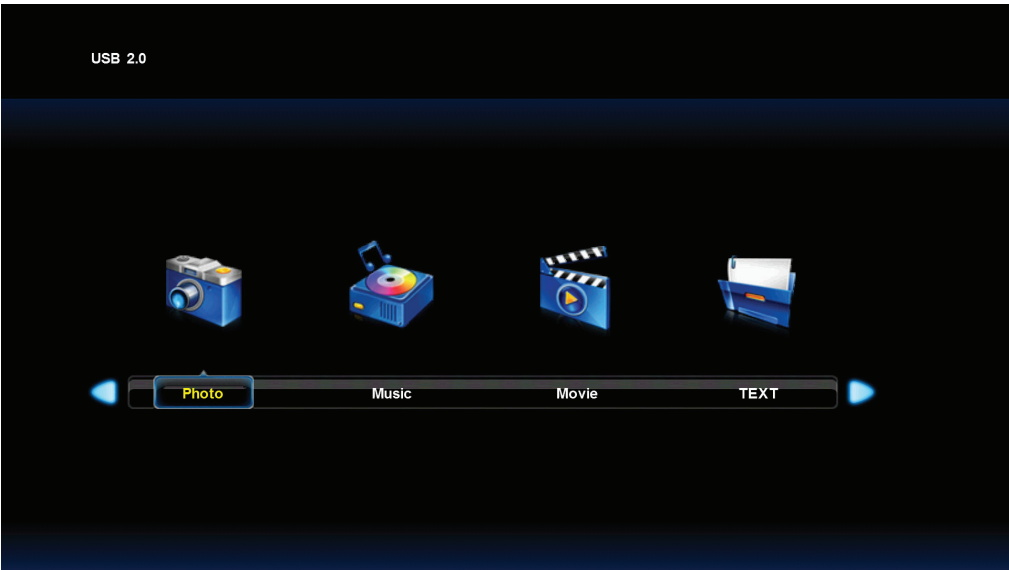
Media Playback via USB
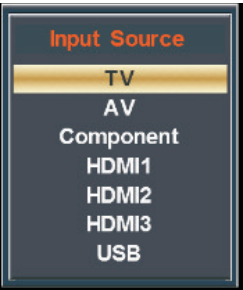
To play media from an external hard drive (sold separately), insert your USB drive into the USB port on the TV. Press the SOURCE button on your remote. Navigate to USB and press OK.
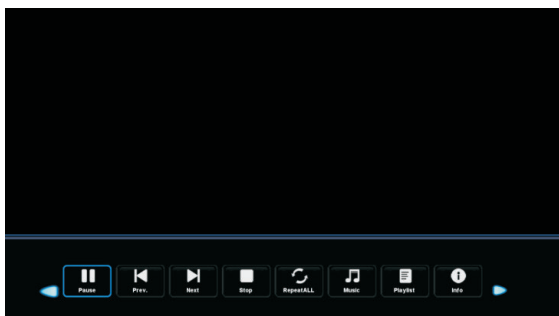
Note: The maximum storage capacity is 400 GB.

You may now view photos, play music, watch movies or read text documents from your flash drive.

Connecting External Devices

1. Viewing Photos

A photo viewer will display while viewing image files.

Key Functions:

1. Play / Pause – Play or pause the image slideshow
2. Prev. – Go to previous image
3. Next – Go to next image
4. Stop – Stop playing the image slideshow
5. Repeat (all/one/none) – set the repeat mode
6. Music – Background music
7. Playlist – Enter playlist
8. Info – Display information about the current photo
9. Go To Time – Select a position and play from there
10. Rotate (1) – Rotate clockwise 90°
11. Rotate (2) – Rotate counterclockwise 90°
12. Zoom In – Zoom into the photo
13. Zoom Out – Zoom out of the photo
14. Move View – Pan across a zoomed-in image
15. Slideshow – Customize the slideshow

2. Playing Music Files

A music player will display while playing music files.


Key Functions:

1. Play / Pause – Play or pause the selected file
2. FB – Rewind the track
3. FF – Fast-Forward through the track
4. Prev. – Play previous track
5. Next – Play next track
6. Stop – Stop playing the current file
7. Repeat (all/one/none) – set the repeat mode
8. Set A – repeat the file from A to B
9. Playlist – Select playlist
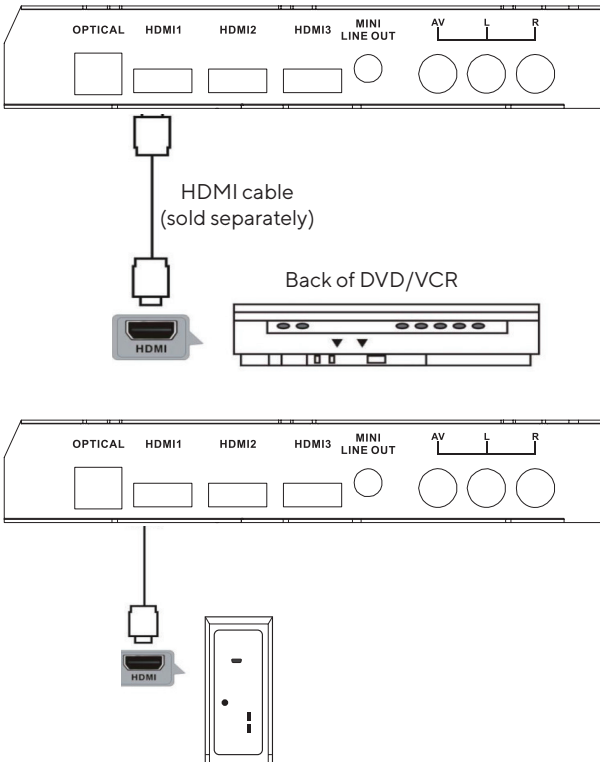
Connecting External Devices

Connecting an Antenna to Your TV

Connect your antenna's output cable to the TV's antenna input to access over-the-air channels. Refer to your antenna's user manual for further instructions. Press the TV remote's SOURCE button until you reach "TV".

1 - Antenna (sold separately)

2 - Amplifier Antenna (external)

3 - Amplifier Antenna (internal)

4 - Antenna Amplifier Power Plug

5 - Plug Antenna (75 Ω)

Connecting an External Device to Your TV via HDMI

HDMI cable
(sold separately)

Back of DVD/VCR
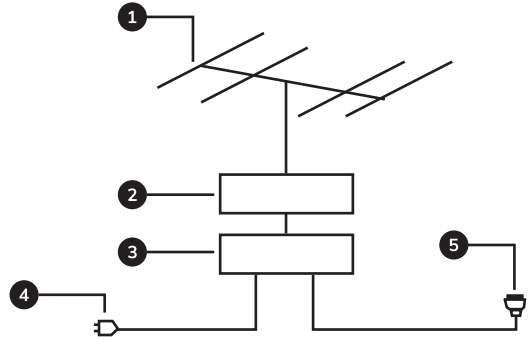
Use an HDMI cable (sold separately) to connect an external device, such as a laptop or DVD player, to your TV.

Press the TV remote's SOURCE button until you reach "HDMI". Be sure to select the specific HDMI source (HDMI 1/2/3) that matches the input to which the cable is connected.

Connecting External Devices
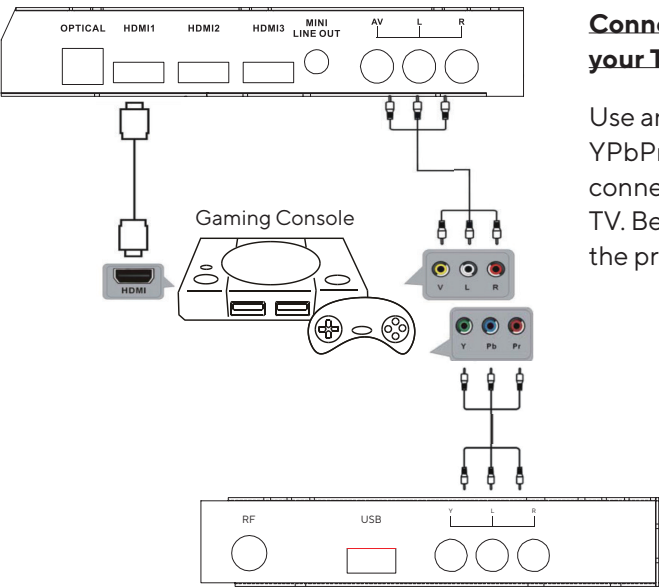
Connecting a gaming console to your TV

Use an HDMI cable, AV cable and YPbPr cable (sold separately) to connect a gaming console to your TV. Be sure to match the cables to the proper inputs.

Connecting an external device to your TV via AV

Use the composite audio L/R (white/red) and video (yellow) cables (sold separately) to connect an external device, such as a speaker, to your TV.

Press the SOURCE button on your TV's remote until you reach "AV".

AV cable
(sold separately)

Back of DVD/VCR
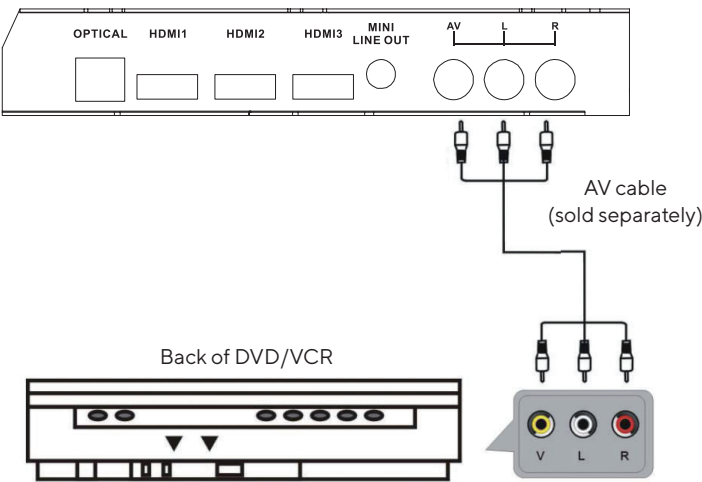
Connecting External Devices

Connecting an External Device to Your TV via YPbPr

Audio cable
(sold separately)

YPBPR cable
(sold separately)
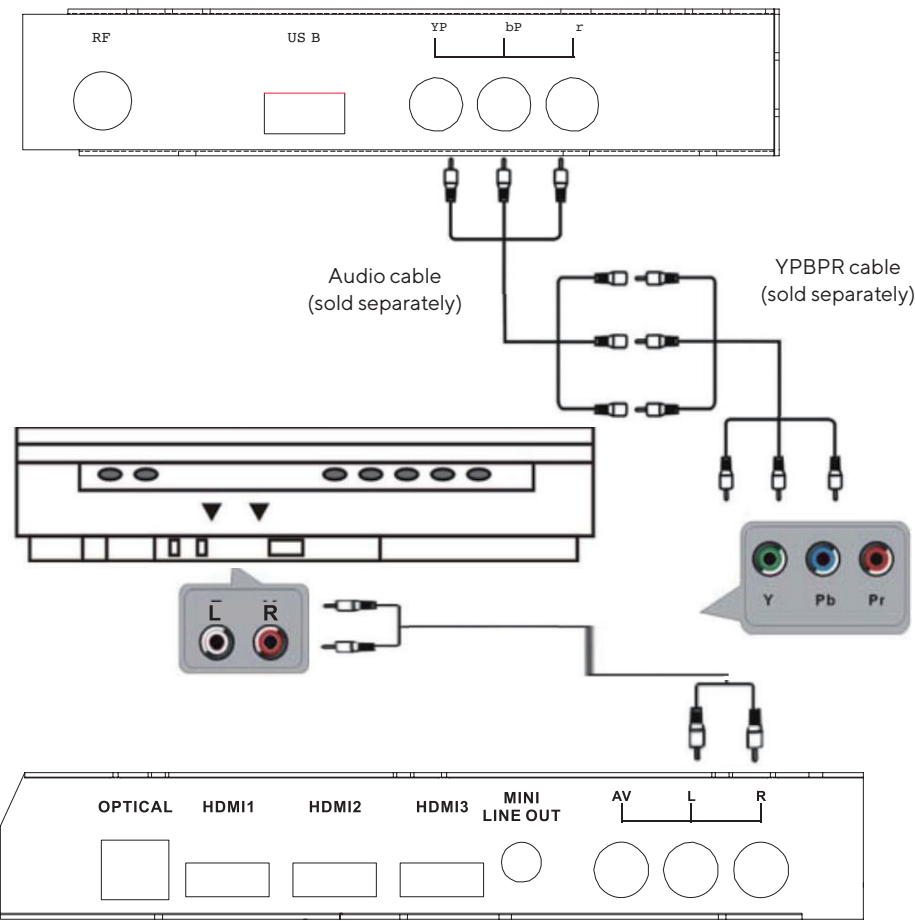
Connecting an External Device to Your TV via an Optical Cable

Use an optical cable (sold separately) to connect a soundbar or amplifier to your TV.
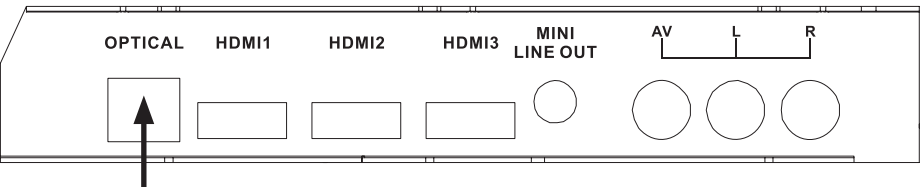
Supported Signal Modes

I. VGA Mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (kHz)	Memo
640 x 480	31.50	60.00	
800 x 600	35.16	56.25	
	37.90	60.00	
1024x768	48.50	60.00	
1366 x 768	47.85	60.00	
1920x 1080	67.50	60.00	Full HD Panel only

Note: We recommend using a VGA cable within 16 ft. of the TV to ensure proper picture quality.

II. HDMI Mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (kHz)
480p	31.468	59.94
576p	31.2	50.00
720p	45.00	60.00
1080i	33.75	60.00
1080p (1920x1080)	67.50	60.00

Note: When a signal is received by the display and exceeds the allowed range, a warning message will pop up on the screen. You can confirm the signal on the screen.

Troubleshooting

Problem	Solution
TV will not power on (the power indicator does not light up)	Make sure that both ends of the power cable are plugged into the socket properly and that the wall socket is functioning. Be sure to point the remote directly at the IR sensor on the bottom right corner of the TV.
"No Input Signal" appears on the screen	• Check that the signal line is properly connected. • Check that the connected device is powered on. • Check that the SOURCE input has been selected and matches the input signal.
The remote control does not function properly	• Check that the battery is not drained. Replace with 1 CR2025 battery. • Check that the remote control is within the operating range. • Check that the remote control is pointed to the remote control window on the bottom right corner of the TV. • Make sure there aren't any objects obstructing the signal from the remote to the remote control window on the TV.
There are flashing spots or stripes on the screen	Try switching off sources of interference, such as appliances, baby monitors and more.
Image color or quality deteriorates	Check that picture settings (brightness, contrast, color, etc.) are adjusted appropriately.
Screen position and size are incorrect	Check that the screen position and size are adjusted appropriately.
Image or color is incorrect	• Check that the signal line is connected properly . • When connecting a computer to the TV, you may need to change your computer's resolution to obtain the correct image. The computer's output signal may affect the image displayed.
A warning message appears on screen	• Check that the input signal line is properly connected. • Select the correct input signal. • For more information, refer to Supported Signal Modes on page 25.

Specifications

Model No.	SNCT4300
Screen Size	43" Diagonal
Aspect Ratio	16:9
Power Supply	AC 100–240V (~50–60Hz)
Power Consumption	≤ 100W
TV System	NTSC MN, ATSC
Audio Output Power	8Ω 8Wx2
Inputs	Antenna Input x 1
	USB x 1
	HDMI x 3
	Audio In x 1
	Video In x 1
	AV In x 1
	YPbPr In x 1
Outputs	Mini Line Out x 1
	Optical Out x 1
Operating Temperature	0˚ C~45˚C
Operating Humidity	20%–80% non-condensing
Waterproof Rating	IP54

Need Help?

For customer support regarding your device, please submit a request by emailing **support@dpaudiovideo.zendesk.com**. You will be provided a ticket number regarding your inquiry, which you can refer to when contacting us further.

You may also reach a Suncast customer service representative by calling **1-833-909-2673.** We are available Monday – Friday, 9am – 5pm PST, except on major holidays. Suncast strongly urges customers to email their inquiry prior to calling, as this will enable us to better assist you.

Please make sure to note the model number and a description of your inquiry.

Thank you for purchasing a Suncast product.

Warranty Information

Limited Warranty

Suncast (the "Company") warrants the product purchased and contained in this package (the "Product") against defects in material or workmanship for 90 Days (Parts & Labor) and 1 Year (Limited). In order for the Company to honor this limited warranty, you must present a valid proof of purchase (i.e. a receipt) of this Product.

This warranty is void if the Company deems, in its discretion, that the Product may have been damaged through modification, improper use, end user negligence, water damage or tampering of the barcode of the Product. This warranty is a limited warranty for repair/replacement of the Product, subject to the conditions set forth herein.

The Company is not liable for consequential, indirect, incidental, special or punitive damages and the Company's total liability hereunder shall not exceed an amount greater than the retail purchase price of the product.

90 Days Parts & Labor

The Company warrants to you as the original retail purchaser of the Product, that should the Product have any defect, under normal conditions, such defect(s) will be repaired or replaced with a new or refurbished part (at the Company's sole discretion) without charge, if the Product is submitted to the Company within a period of ninety (90) days from the date of purchase of the Product. The customer is responsible for transportation cost and insurance charges (if applicable) to the Company. It is the customer's responsibility to retain original packaging or provide like packaging in order to facilitate the warranty process. The Company will incur no liability whatsoever to provide packaging for warranty items. Should the product be damaged due to insufficient packaging, the warranty may be voided. You must receive a return authorization number (RMA#) before sending the unit in for service. This warranty only applies to manufacturer defects, and the Product must be returned to the Company in its original condition.

1 Year Limited Parts

The one (1) year limited parts warranty gives you the option to return the Product to the Company for repair or replacement. The customer will be responsible for labor charges. This warranty does not cover any incidental or indirect costs incurred as a result of a defect in the Product, including any consequential, incidental or indirect damages.