



MODEL: NXG-4K

Owner's Manual



Weatherproof Televisions

IMPORTANT:

Please read this owners manual before starting or operating the equipment.





Dear SkyVue Customer,

Congratulations on purchasing your new outdoor weather-proof television. We welcome you to our SkyVue family. To gain the full potential of your new SkyVue Outdoor Television, please read carefully the instructions within this document. There is a wealth of relevant information to get started and fully utilize all of the unique capabilities of your new SkyVue Outdoor Television. We sincerely thank you for your purchase and hope you have several years of enjoyment from your new SkyVue Outdoor Television.

We at SkyVue have taken a studied approach to delivering the highest quality and reliable outdoor television on the market. SkyVue started with the goals of operating with unparalleled customer service and extensive research and development. Upon extensive research of national competition, we realized that yet, all outdoor television manufacturers purchase the circuitry and panels in their products overseas; that SkyVue is the only manufacturer that completes its designs with all American Made products. Our family of televisions are re-innovating the ideas, functions, and technologies, in which other outdoor television manufacturers seemed to have missed. We take pride in every product and are glad to have you as part of our family.

Customer Service can be directly reached at:

1-(877) 4-SkyVue

1-(877) 475-9883

info@SkyVue.com

To inquire about extended warranty information, accessories, or installation FAQs please visit our website www.skyvue.com.

We Thank You for Your Support,

The SkyVue Management Team

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TV Models - Partial Sun

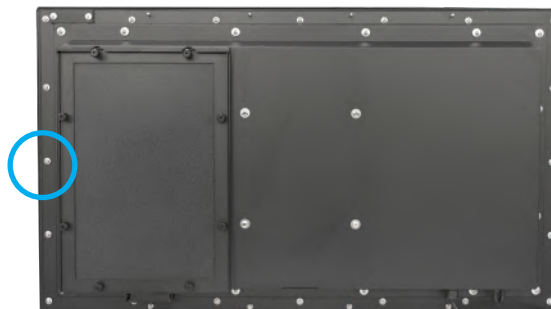
NXG 4k - Partial Shade

Built for shaded areas that are exposed very limited sunlight.

43" NXG 4k 500 &700 Nit



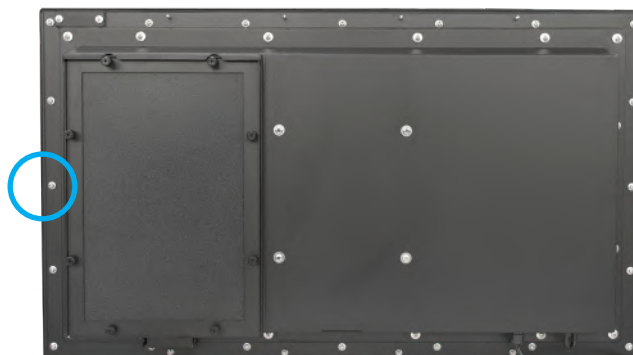
*Location of
Manual Controls Panel*



55" NXG 4k 500 & 700 Nit



*Location of
Manual Controls Panel*



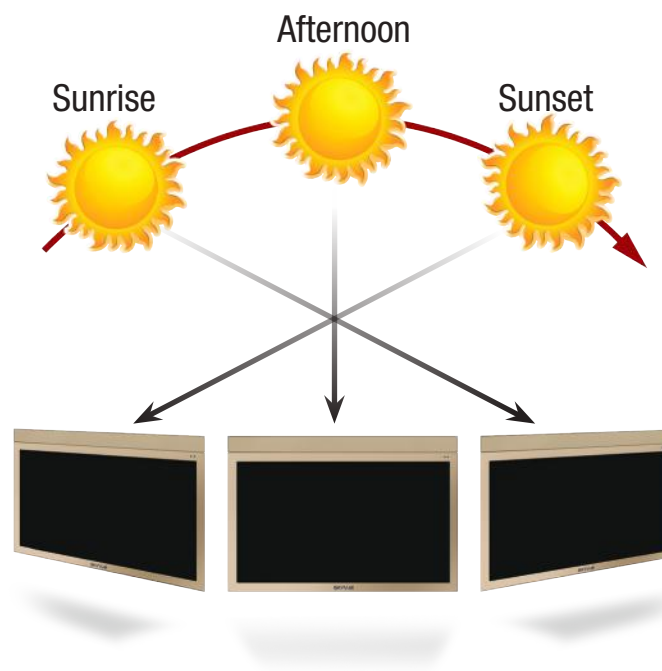


TV Placment & Location - Partial Shade

Locations for the TV - Partial Shade

Important: The TV must be installed at least 5 feet from pool, spa, or other body of water.

The **Partial Shade** TV models should be installed so the screen **is not in** direct sunlight, if installing in sunlight TV should be turned away from direct sunlight. **Placement should be in an area where the TV viewing is shaded by trees, landscape and/or structures, or under a patio cover or gazebo.** Remember that the position of the sun changes during the day, as seen in the below. This means that the quality of the picture will change during the day. If you intend to install the TV in areas where some sunlight will reach it, it's best to position the TV for optimum performance during the time of day when you do most of your TV viewing. If the sun shines directly on the TV for extended periods of time, dark areas may develop on the screen. This may cause permanent damage to the screen over time.



Mounting Placment / Orientation

All Skyvue Landscape TV models should be installed so that the television is in a **landscape orientation**. Mounting the television incorrectly may cause damage to the television over time **and will void the manufacturers warranty.** The figure below displays the correct orientation.



TV Models - Full Sun

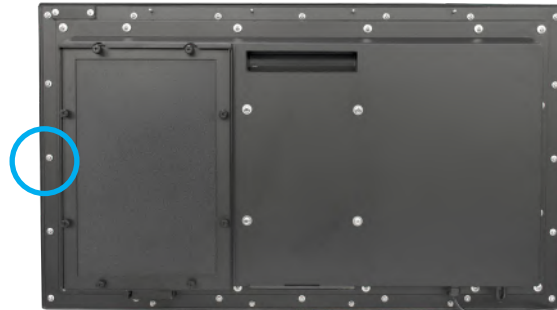
NXG 4k - Full Sun

Built for Sun exposed areas that will experience direct sunlight.

43" NXG 4k 500 & 700 Nit



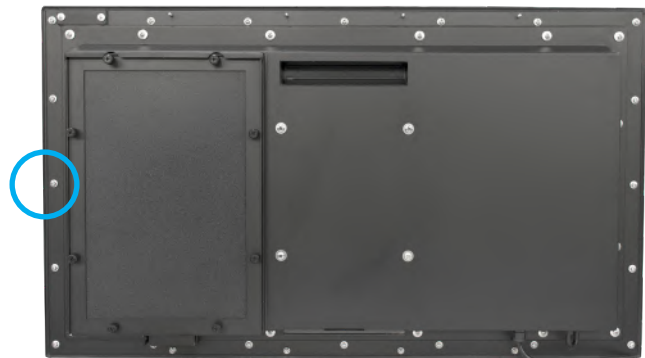
Location of
Manual Controls Panel



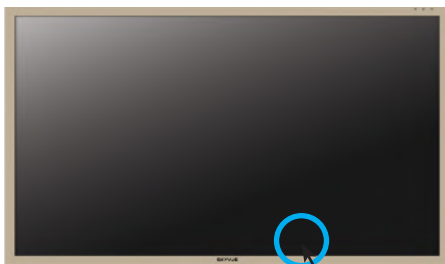
55" NXG 4k 500 & 700 Nit



Location of
Manual Controls Panel



75" NXG 4k 1500 & 3000 Nit



Location of
Manual Controls Panel



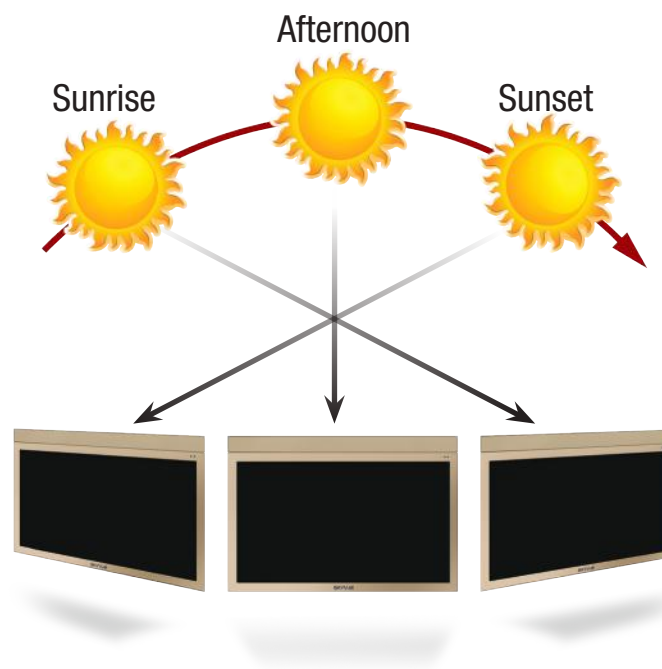


TV Placment & Location - Full Sun

Locations for the TV - Full Sun

Important: The TV must be installed at least 5 feet from pool, spa, or other body of water.

The Full Sun TV model should be installed so the screen is not facing direct sunlight, or can be easily turned away from direct sunlight. Ideal placement is still in an area where the TV is shaded by trees, landscape and/or structures, or under a patio cover or gazebo. Remember that the position of the sun changes during the day, as seen in the drawing on the right. This means that the quality of the picture will change during the day. If you intend to install the TV in areas where direct sunlight will reach it, it's best to position the TV for optimum performance during the time of day when you do most of your TV viewing. If the sun shines directly on the screen for extended periods of time, dark areas may develop on the screen. This is a normal reaction for the LED panel, and will not cause damage to the screen. Either turn the screen away from the sun, or apply shade to the TV, and the dark areas will quickly disappear.



Mounting Placment / Orientation

All Skyvue Landscape TV models should be installed so that the television is in a **landscape orientation**. Mounting the television incorrectly may cause damage to the television over time **and will void the manufacturers warranty**. The figure below displays the correct orientation.



IMPORTANT:

To aid reporting in case of loss or theft, please record the TV's model and serial numbers in the space provided. The numbers are located at the rear of the TV.

IMPORTANT INFORMATION

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrow-head symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

WARNING: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

**CAUTION:**

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

DECLARATION OF CONFORMITY:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RESPONSIBLE PARTY:

Skyvue Television
2218 N. Dawson Drive, Chester, SC 29706
TEL: 1-877-475-9883
Visit us online at www.skyvue.com

INFORMATION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Wireless Radio

For product available in the USA/Canada market, only channel 1–11 can be operated. Selection of other channels is not possible.

This device is going to be operated in 5.15–5.25GHz frequency range, it is restricted in indoor environment only.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. This device and its antenna(s) must not be colocated or operation in conjunction with any other antenna or transmitter.

Wireless Radio

For product available in the USA/Canada market, only channel 1–11 can be operated. Selection of other channels is not possible.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure.

Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IC Radiation Exposure Statement: This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

"Note to CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820 of the National Electrical Code that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

Electricity is used to perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. However, improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your LED Television, please read the following precautions carefully before using the product.

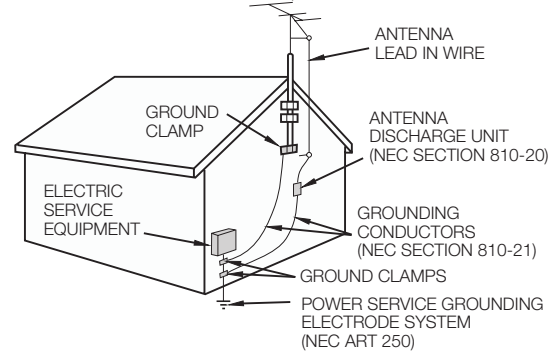
- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Clean only with dry cloth.
- 6) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 8) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or 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 obsolete outlet.
- 09) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 10) Only use attachments/accessories specified by the manufacturer.
- 11) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 12) Unplug this apparatus during lightning storms.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, does not operate normally, or has been dropped.

Additional Safety Information

- 14) Power Sources—This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 15) Overloading—Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 16) Damage Requiring Service—Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the AC cord or plug is damaged,
 - b) If the product does not operate normally by following the operating instructions.
Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation,
 - c) If the product has been dropped or damaged in any way, and
 - d) When the product exhibits a distinct change in performance - this indicates a need for service.
- 17) Replacement Parts—When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 18) Safety Check—Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 19) Wall or ceiling mounting—When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer.



EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE, ANSI/NFPA 70



NEC — NATIONAL ELECTRICAL CODE

- **Outdoor Antenna Grounding** — If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

- **Stand** — Do not place the product on an unstable cart, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. Use only a cart, stand, tripod, bracket or table recommended by the manufacturer or sold with the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
- **Ventilation** — The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.
- The front panel used in this product is made of glass. Therefore, it can break when the product is dropped or applied with impact. Be careful not to be injured by broken glass pieces in case the panel breaks.
- **Heat** — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
- The LED panel is a very high technology product with 2,073,600 pixels, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red blue, green, red or yellow. Please note that this does not affect the performance of your product.
- **Lightning** — For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.
- **Power Lines** — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
- To prevent fire, never place any type of candle or flames on the top or near the TV set.
- To prevent fire or shock hazard, do not place the AC cord under the TV set or other heavy items.
- Do not display a still picture for a long time, as this could cause an afterimage to remain.
- Do not insert foreign objects into the air vents or other openings may result in fire or electric shock. Exercise special caution when using the product around children.

Precautions when transporting the TV

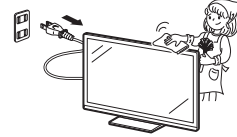
- When transporting the TV, never carry it by holding or otherwise putting pressure onto the display. Be sure to always carry the TV by two people holding it with two hands — one hand on each side of the TV.

Caring for the cabinet

- Use a soft cloth (cotton, flannel, etc.) and gently wipe the surface of the cabinet.
 - Using a chemical cloth (wet/dry sheet type cloth, etc.) may deform the components of the main unit cabinet or cause cracking.
 - Wiping with a hard cloth or using strong force may scratch the surface of the cabinet.
 - If the cabinet is very dirty, wipe with a soft cloth (cotton, flannel, etc.) soaked in neutral detergent diluted with water and thoroughly wrung out, and then wipe with a soft dry cloth.
 - Avoid using benzene, thinner, and other solvents, as these may deform the cabinet and cause the paint to peel off.
 - Do not apply insecticides or other volatile liquids.
- Also, do not allow the cabinet to remain in contact with rubber or vinyl products for a long period of time. Plasticizers inside the plastic may cause the cabinet to deform and cause the paint to peel off.

Caring for the front panel

- Turn off the main power and unplug the AC cord from the GFI wall outlet before handling.
- Gently wipe the surface of the front panel with a soft cloth (cotton, flannel, etc.).
To protect the front panel, do not use a dirty cloth, liquid cleaners, or a chemical cloth (wet/dry sheet type cloth, etc.). This may damage the surface of the front panel.
- Wiping with a hard cloth or using strong force may scratch the surface of the front panel.
- Use a soft damp cloth to gently wipe the front panel when it is really dirty.
(It may scratch the surface of the front panel when wiped strongly.)
- If the front panel is dusty, use an anti-static brush, which is commercially available, to clean it.
- To avoid scratching the frame or screen, please use a soft, lint free cloth for cleaning.



CHILD SAFETY:

It Makes A Difference How and Where You Use Your Flat Panel Display

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind:



THE ISSUE

- The home theater entertainment experience is a growing trend and larger flat panel displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.
- Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

THIS MANUFACTURER CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.

TUNE INTO SAFETY

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.



WALL MOUNTING: IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS:

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy.



Note: CEA is the preeminent trade association promoting growth in the \$161 billion U.S. consumer electronics industry. More than 2,200 companies enjoy the benefits of CEA membership, including legislative advocacy, market research, technical training and education, industry promotion and the fostering of business and strategic relationships.



SKYVUE OUTDOOR TV SAFETY INSTRUCTIONS

Ventilation: Adequate ventilation must be maintained to ensure reliable and continued operation, **Skyvue recommends that no material or additional covering be placed in front of the screen while in use.** To protect the television from overheating there must be at least 1.5" of space on all sides.

Power cord protection: The power cord must be routed properly to prevent people from stepping on it, or objects from resting on it. Check the cords at the plugs and product.

Power source: This product must operate on a power source specified on the specification label. If you are unsure of the type of power supply used in your home, consult your dealer or local power company.

Do not let metal pieces or objects of any kind fall into the television from ventilation holes. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts.

Do not mount SkyVue Outdoor TV's near heat sources such as radiators, heaters, stoves and other heat-generating products (including amplifiers).

Do not submerge SkyVue Outdoor TV's in water:

The SkyVue Outdoor TV's will resist water exposure from normal rain, sprinklers, garden hoses, etc.; however, it is not designed to withstand pressure washers, high-pressure water jets, hurricane-type weather or be submerged in water.

Repair:

If any of the following conditions occurs, unplug the power cord, and call SkyVue Outdoor TVs Technical Service Department for repairs:

- When power cord or plug is damaged.
- When objects have fallen into the product.
- If unit was submerged in water or pressure-washed.
- When product does not operate properly as described in the operating instructions. Do not touch the controls other than as described in the operating instructions. Improper adjustments of controls not described in the instructions can cause damage, which can require extensive repair work by a qualified technician.
- When the product has been dropped or damaged.
- When the product displays an abnormal condition. Any noticeable abnormality in the product indicates that the product needs servicing.

Replacement parts:

In case the product needs replacement parts, make sure that the you or your service person uses replacement parts provided by SkyVue Outdoor TV. Use of unauthorized parts can result in fire, electric shock and/or other dangers.

Unpacking

After unpacking the SkuVue Outdoor TV, please make sure that all items included in the carton are in good condition. If items are damaged or missing, contact your dealer immediately.

Rear Panel Component Source

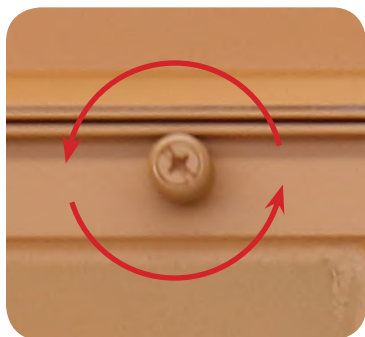


WARNING: Do not connect the power source before making connections.

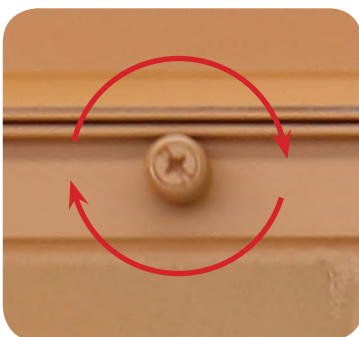
Internal Component Source

The Internal Component Source allows you to easily connect to the Audio, Video, Digital Audio Out, HDMI, Audio Out, and RF connectors.

1. The Internal Component Source is inside the Component Cover located on the back of the unit.
2. Loosen all thumbscrews located on the back cover of your SkyVue TV , and pull off the cover to reveal the Component Source.
3. Route cables to the proper inputs, and place the cable cords over the Rubber Sealing Gasket.
4. Close the cover.
5. Press firmly on the cover, and tighten the thumbscrews.



Loosen Thumbscrews



Tighten Thumbscrews



CABLE PASSAGE



Rear Panel Component Quality

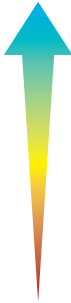
Switching Inputs:

Your SkyVue TV offers several options when connecting your devices to the TV. The chart below will help you understand which input you select for each of the connections.

Connections	Cable Name
	Speaker Bar Audio (Female)

Connections	Cable to Use	Input to Select
	HDMI OR HDMI-DVI	HDMI
	COAXIAL RF	TV (CABLE/AIR)
	VGA	PC
	Component	Componet
	USB	USB

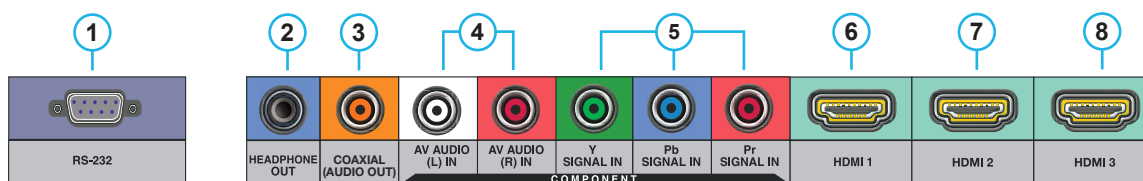
Cable Name	Cable End Images
HDMI or HDMI-DVI	
Coaxial RF	
VGA	
Component	
3.5 mm Mini-jack	
Coaxial SPDIF	
AC Power	

IMAGE QUALITY	Terminal Port		Typical Devices Used for This Input
 HD IMAGE		HDMI (Digital HD)	Blue-Ray DVD Player, HD-DVD Player, HD Cable or Satellite Box, HDCP devices
		Component (HD)	Blue-Ray DVD Player, HD-DVD Player, HD Cable or Satellite Box, HDCP devices, Skyvue Speakerbar
		ATSC/NTSC (Digital HD)	Antenna or Digital Cable (With out cable box)
STANDARD IMAGE		VGA (HD)	PC or MAC with VGA Connection

Rear Panel Connections

Optional Inputs - NXG 4k

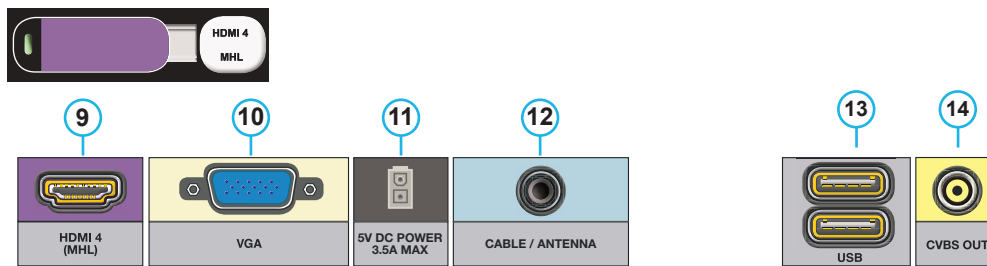
The following input connections are available on all NXG 4k Model Televisions.



1. **RS-232C** - Long established standard connection ("C" is the current version) that describes the physical interface and protocol for relatively slow data communications between computers and related devices.
2. **Headphones Out** - Use a 3.5 mm mini-jack for use with standard headphones.
3. **Digital Audio Out** - This type of jack is used for the digital audio inputs and/or outputs on A/V components such as receivers, CD players, DVD players, and more. Coaxial digital jacks are also sometimes found on higher-end PC soundcards for digital audio input and output.
4. **Composite Audio In** - Used in accompaniment with composite Video and component video jacks, AV audio in (L/R) delivers analog sound from gaming consoles, dvd players, and VCRs.
5. **Component Video Jacks** - This 3-cable connection allows the chrominance (color) and luminance (brightness) portions of a video signal to be processed separately. Component video improves color accuracy further by splitting the chrominance signal into two portions.
6. **HDMI 1**
Please note: This port does not support MHL devices.
7. **HDMI 2**
Please note: This port does not support MHL devices.
8. **HDMI 3**
Please note: This port does not support MHL devices.



9a (Optional)



- 9. HDMI 4 MHL** - Use this port for Integrated Internet Streaming Devices Connects to devices that use HDMI cables such as Blu-ray or HD DVD/Blu-ray player or HD cable / satellite set-top box. This connection port receives pure digital audio and high definition signal through one single cable. This port also can accept a HDCP video device for video or PC for monitor display usage. Use the SOURCE button to select HDMI4 on your MAIN SOURCE to view this connection.

Please note: when using HDMI, your sound signal must be PCM for the TV to decode digital audio. When using this source for PC display, you must connect the audio cable to VGA Stereo Input for audio.

9a. HDMI 4 extension (optional)

- 10. VGA** - This connection port connects to a PC for video using VGA cable. Be sure to connect your audio cable to the VGA Stereo input if you want sound out of the VGA video source. Use the SOURCE button to select VGA on your MAIN SOURCE to view this connection.
- 11. 5V DC Power** - This connection port is for integrated devices that may require additional power to work. This port has a max power output of 3.5 amps.
- 12. ATSC/NTSC** - This connection is for digital or analog cable without the cable box or over-the-airwave antennas. The tuner is a hybrid tuner that tunes to both analog and digital channels. This connection uses coaxial RF cable. For over-the-airwave digital stations please check <http://www.antennaweb.org>.
- 13. USB** - The USB and high speed serial port allows viewers access to files stored on a USB memory device. See "Using USB" Sections for further details.
- 14. CVBS** - Composite video is usually in standard formats such as NTSC, PAL, and SECAM and is often designated by the CVBS initialism, for color, video, blanking and sync, or simply as video.

Connecting the Power Cord

! WARNING: TV and AC receptacle must be installed at least 5 feet away from standing water, such as (but not limited to) a pool or spa. Please allow for additional clearance if TV is in use on a SkyVue Portable Cart.

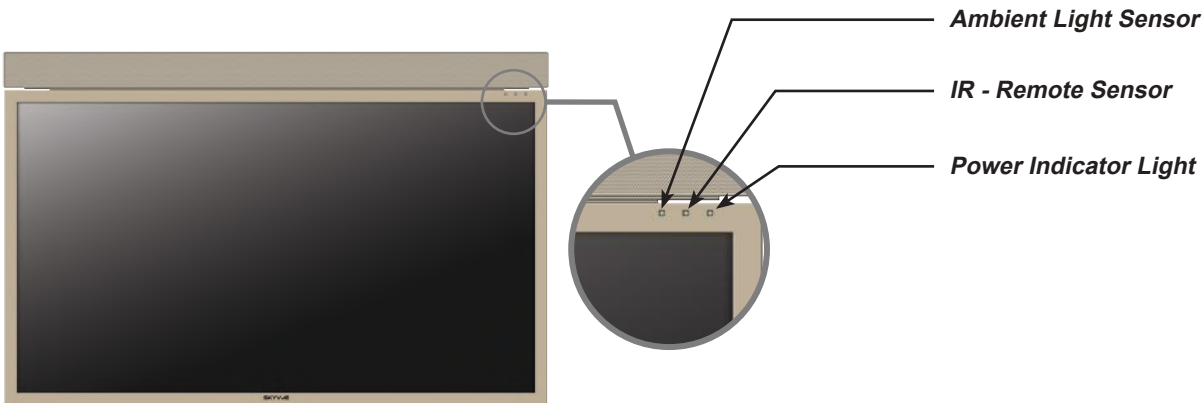
Connect the power cord after you have made connections to your video equipment. Connect the power cord to an outdoor AC outlet that is in compliance with local regulations. Once the TV is installed it remain plugged into a stable and consistent 120V, 60HZ power source at all times.

Manual Controls Panel

The control Panel can be found in different locations based on your TV model please see the front of the manual to see where the manual control panel is located for your TV model.

INPUT	INPUT	This button switches between the different sources of the TV. When the On-Screen Display (OSD) is active, this button acts as the enter button and confirms the menu selection.
CH + CH -	CH+/CH-	These buttons change the TV channel up or down. If the OSD is active, these buttons function as up or down controls for the menu.
MENU	MENU	This button activates the OSD. If a sub-menu is active, pressing this button will return selection to the previous menu level.
VOL + VOL -	VOL+ / VOL-	These buttons increase or decrease the volume. If a sub-menu is active, pressing these buttons will move the selection left or right. If the OSD is active, Vol+/Vol- is used to select the highlighted options.
POWER	POWER	Turn on the TV by pressing the button once. Press the button again to turn off the TV.

Front Panel Lights and Sensors





Remote Control Guide



The SkyVue Remote Control is weatherproof

PWR - Switch the TV power on or enter standby.

Input - Push to change the viewing source on the television

Vue - Push to change format of the screen

-  **Stop** - Push this button to stop current content
-  **Rewind** - Push to watch previous content
-  **Play/Pause** - Push to play or pause current content
-  **Fast Forward** - Skips ahead in recorded content

 **INFO** - Push this to display content information

Guide - Push to display guide for cable or satellite provider.

-  **Up Arrow** - Push to move menu selections up
- List** - Push to display recorded content on home DVR
-  **Flashback**- *To return to the previous channel, also to rewind in 10 second intervals.*
-  **Left Arrow** - Push to move menu selections left
- OK** - Push to make a selection in the menu or guide
-  **Right Arrow** - Push to move menu selections right
- Menu** - Push to access the television menu
-  **Down Arrow** - Push to move menu selection down
-  **Exit** - Push to exit current menu
- Vol +/-** - Push these to increase or decrease volume.
- CC** - Push to display closed caption on select content
- Mute** - Push to turn sound off, push again to have volume restored
-  **Home** - Push to directly access apps menu
- CH +/-** - Push to go up or down in channel numbers
- Numbers** - Push these to enter channel numbers and passwords
- Sleep** - Push to activate the sleep timer
- ./-** - Push to enter channels

On-Screen Display (OSD) Functions

Via the Remote Control



Adjusting the On Screen Display (OSD) from the Remote Control

-  This button is the UP direction in the OSD.
-  This button functions as the DOWN direction in the OSD.
-  This button functions as the LEFT direction in the OSD.
-  This button functions as the RIGHT direction in the OSD.
-  This button changes the channel in conjunction with the number pad and also functions as enter for selecting options in the OSD.
-  This button opens the OSD and also exits the OSD by going to the previous level of the OSD.
-  This button exits the OSD entirely.

Via the TV Panel Buttons



Adjusting the On Screen Display from the TV Panel Buttons

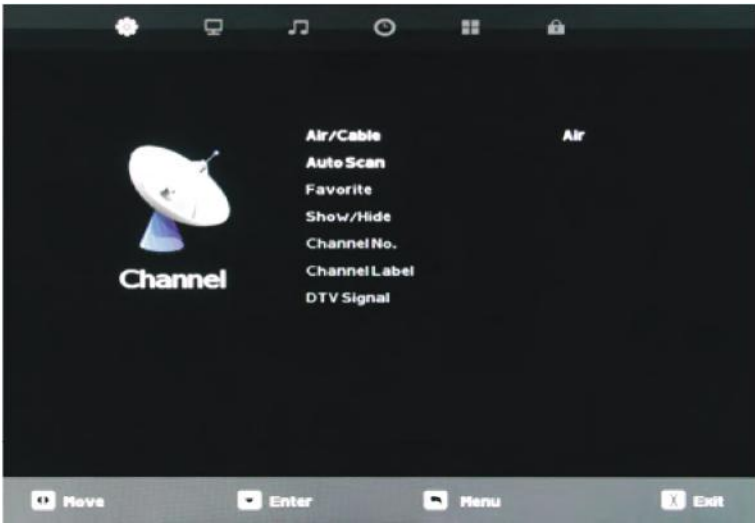
- CH (+)**  - This button changes the channel to a higher number and also functions the up direction of OSD buttons to move the cursor to the item to be selected.
- CH (-)**  - This button changes the channel to a lower number and also functions as down direction in the OSD
- Menu** - This button opens the OSD
- Vol(+)**  - This button increases the volume and functions as left direction in the OSD. If the OSD is active, use Vol+ and Vol- to select a choice.
- Vol(-)**  - This button decreases the volume and functions as right direction in the OSD. If the OSD is active, use Vol+/Vol- to select a choice.
- Power** - Turn on the TV by pressing the button once. Press the button again to turn off the TV.



On-Screen Display Menu

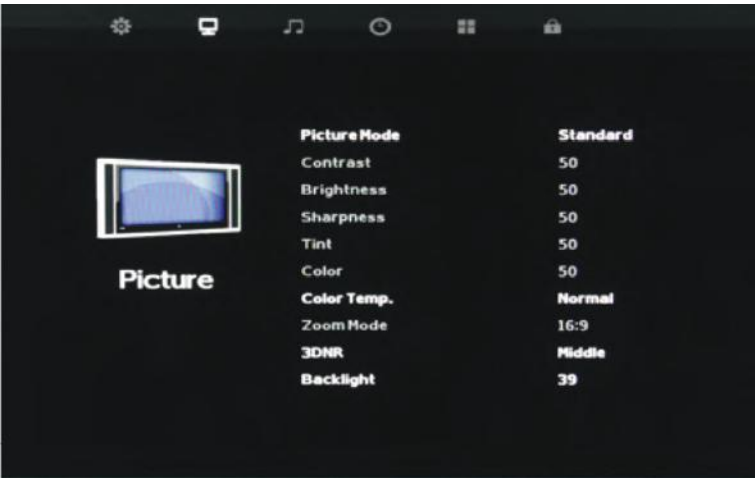
Your TV has been factory-set to plug-in and enjoy your programming. In the event you turn on the TV and get the message, “Please run Channel Auto Scan,” press your remote’s Menu button, press the Channel function and press Auto Scan.

Note: To run the Channel function, you must be in the TV Source. To access the TV source, click Input on the TV’s side panel or Input button on the Remote Control. Press TV from the Input Select option.



Channel Menu

- This menu manages Channel functions including:
- Air/Cable Channel Label
 - Auto Scan DTV Signal strength
 - Favorite channel
 - Show/Hide
 - Channel Number
 - Channel Label
 - DTV Signal



Picture Menu

- This menu manages Picture functions including:
- Picture Mode
 - Color Temp.
 - Contrast
 - Zoom Mode
 - Brightness
 - 3D Noise Reduction
 - Sharpness
 - Backlight
 - Tint
 - Color



Audio Menu

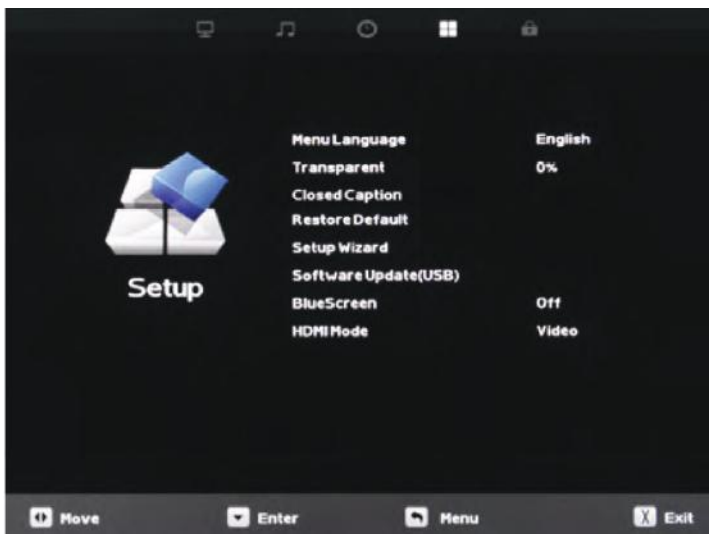
- This menu manages Audio functions including:
- Equalizer mode
 - Equalizer frequencies
 - MTS Stereo mode
 - Audio Language
 - Digital Output type
 - Surround Sound



Time Menu

This menu manages Time functions including:

Sleep Timer
Time Zone
DST on/off
Time Format 12/24 hr.
Auto Sync
Clock setting
Wake-Up time setting



Setup Menu

This menu manages Setup functions including:

Menu Language	Blue Screen on/off
Transparency (menu)	HDMI Mode
Closed Caption	Ambient Light Sensor
Restore Default	Ambient Sensor Value
Setup Wizard	Auto Backlight Floor
Software Update	Backlight Sensor Floor



Lock Menu

This menu manages Lock functions including:

System Lock
Change Password
Input Block



Adjusting On-Screen Displays – Channel Menu



1. Press the ▲▼ buttons on the remote or CH+/CH- on the TV to move the cursor to the item to be selected.
2. Press the ◀▶ buttons on the remote or VOL+/VOL- on the TV to make the desired adjustments.
3. When adjustments are complete, press MENU or EXIT on the remote or MENU on the TV to exit the main menu.

The Channel Menu is available only when TV is selected as the source. To select TV as the source, push the Input button on the remote repeatedly until TV comes up as the source in the on-screen display. Or push the Input button on the side of the TV, then push the CH+ or CH- button on the side of the TV repeatedly until TV comes up as the source in the on-screen display.



Air/Cable

Press the ▲▼ buttons to highlight the Air/Cable adjustment. Press the ◀▶ buttons to select Air (antenna) or Cable.

Auto Scan

Press the ▲▼ buttons to highlight the Air/Cable adjustment. Press the ▶ button to begin the Auto Scan process. A screen will appear with the message “Are You Sure You Want to Auto Scan?” Press the ◀ button to begin Auto Scan, or ▶ to go back to the Menu. Auto Scan will automatically build a list of the stations your TV can receive through the antenna or cable. The scan process will typically take 3 to 5 minutes.



Favorite

Press the ▲▼ buttons to highlight the Air/Cable adjustment. Press the ▶ button to enter the favorite channel submenu seen at left. This will allow you to select specific channels as your favorites, which you can access by pressing the Favorites button on the remote control.

To add a channel to your favorites list, press the ▲▼ buttons to highlight the channel. Press the OK button to enter the channel as a favorite. You will see a red heart appear next to the channel in the list.

To delete a channel from your favorites list, press the ▲▼ buttons to highlight the channel. Press the OK button delete the channel from your favorites. The red heart next to the channel will disappear.

Adjusting On-Screen Displays – Channel Menu (cont.)

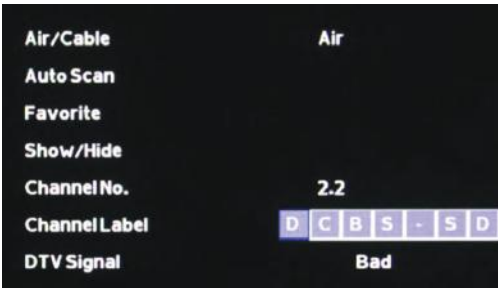


Show/Hide

Press the ▲ ▼ buttons to highlight the Show/Hide adjustment. Press the ► button to enter the Show/Hide submenu seen at left. This will allow you to delete specific channels from the channels that will appear when you use the CH+/CH- buttons on the remote or on the TV.

To delete a channel from your CH+/CH- channel scan, press the ▲ ▼ buttons to highlight the channel. Press the OK button to delete the channel from the scan list. You will see a ⓧ character appear next to the channel in the list.

To restore a channel to your CH+/CH- channel scan, press the ▲ ▼ buttons to highlight the channel. Press the OK button to restore the channel from the scan list. You will see the ⓧ character next to the channel disappear.



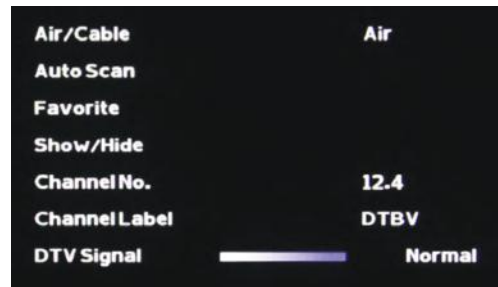
Channel No.

Press the ▲ ▼ buttons to highlight the Channel No. adjustment. Press the ◀ ▶ buttons to change the channel number for which you wish to change the Channel Label or view the signal strength on the DTV Signal meter.

Channel Label

Press the ▲ ▼ buttons to highlight the Channel Label adjustment. Press the ► button to enter the Channel Label mode. As seen in the screen at left, a selection window will appear over the existing channel name. This will allow you to change the name of the channel as it appears on screen when you select it.

Press the ▲ ▼ buttons to change the highlighted letter or character. Press the ► button to move on to the next character, and repeat the process until the new channel name is entered. A total of seven characters is available for each channel label.



DTV Signal

This meter, shown near the bottom of the image at left, indicates the signal strength of the channel shown in the Channel No. item of the menu. The longer the horizontal bar appears, the better the signal strength. If the signal strength is extremely poor, no meter will appear and the menu will simply say Bad.



Adjusting On-Screen Displays – Picture Menu



1. Press ▲▼ buttons on the remote or CH+/CH- (on the TV) to move the cursor to the item to be selected.
2. Press ◀▶ buttons on the remote or VOL+/VOL- (on the TV) to make the desired adjustments.
3. When your adjustments are complete, press MENU or EXIT on the remote or MENU (on the TV) to exit the main menu.

Picture Mode

Press the ▲▼ buttons to highlight Picture Mode, then use ◀▶ to select Standard, Dynamic, Theater or Personal picture mode.

Contrast

Press the ▲▼ buttons to highlight Contrast adjustment, then use ◀▶ to adjust contrast. This adjustment is available only when Personal picture mode is selected.

Brightness

Press the ▲▼ buttons to highlight Brightness adjustment, then use ◀▶ to adjust brightness. This control is active only when Personal picture mode is selected.

Sharpness

Press the ▲▼ buttons to highlight Sharpness adjustment, then use ◀▶ to adjust sharpness. This control is active only when Personal picture mode is selected.

Tint

Tint adjustment is not supported on this model.

Color

Press the ▲▼ buttons to highlight the Color adjustment, then use ◀▶ to adjust color saturation. This control is active only when Personal picture mode is selected.



Adjusting On-Screen Displays – Picture Menu (cont.)



Color Temperature

Press the ▲ ▼ buttons to highlight Color Temp. adjustment, then use ◀ ▶ to select Normal, Warm or Cool color temperature.

Zoom Mode

Press the ▲ ▼ buttons to highlight Zoom Mode adjustment, then use ◀ ▶ to select picture zoom mode. With HDMI, the choices are 16:9, 4:3, or Point to Point. With other signals, the choices are 16:9, 4:3, Full or Zoom.

3D Noise Reduction

Press the ▲ ▼ buttons to highlight 3DNR adjustment, then use ◀ ▶ to select Off, Weak, Middle or Strong NR mode.

Backlight

Press the ▲ buttons to highlight Backlight adjustment, then use ◀ ▶ to adjust backlight brightness.

Dynamic Light Control

Press ▲ ▼ button when you are at the bottom of the Picture menu to highlight DLC , then use ◀ ▶ to turn DLC on and off. DLC automatically optimizes brightness and contrast for the program you are watching.

Adjusting On-Screen Displays – Audio Menu



1. Press ▲ ▼ buttons on the remote or CH+/CH- on the TV) to move the cursor to the item to be selected.
2. Press ◀ ▶ buttons on the remote or VOL+/VOL- on the TV to make the desired adjustments.
3. When adjustments are complete, press MENU or EXIT on remote or MENU on the TV to exit the main menu.



Equalizer

Press the ▲▼ buttons to highlight Equalizer, then use ◀▶ to select Standard, Music, Movie, Sports or Personal sound mode.

120 Hz

Press the ▲▼ buttons to highlight 120 Hz, then use ◀▶ to adjust the 120 Hz (bass) audio band. This adjustment is available only when Personal sound mode is selected.

500 Hz

Press the ▲▼ buttons to highlight 120 Hz, then use ◀▶ to adjust the 500 Hz (lower midrange) audio band. This adjustment is available only when Personal sound mode is selected.

1.5 kHz

Press the ▲▼ buttons to highlight 1.5 kHz, then use ◀▶ to adjust the 1.5 kHz (upper midrange) audio band. This adjustment is available only when Personal sound mode is selected.

5 kHz

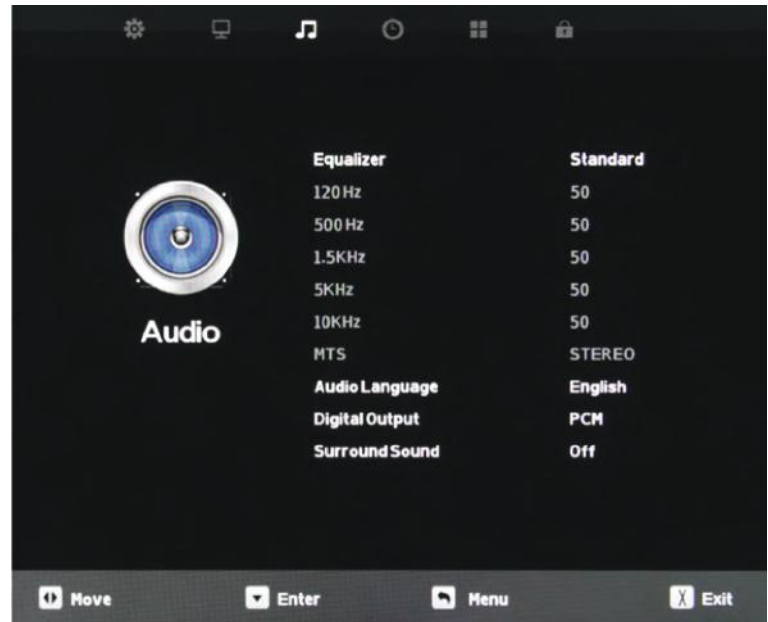
Press the ▲▼ buttons to highlight 5 kHz, then use ◀▶ to adjust the 5 kHz (lower treble) audio band. This adjustment is available only when Personal sound mode is selected.

10 kHz

Press the ▲▼ buttons to highlight 10 kHz, then use ◀▶ to adjust the 10 kHz (upper treble) audio band. This adjustment is available only when Personal sound mode is selected.

MTS

This function is supported only with analog broadcast signals, which are no longer used in the U.S.



Adjusting On-Screen Displays – Audio Menu (cont.)



Audio Language

Press the ▲▼ buttons to highlight the Audio Language adjustment, then use ◀▶ to select English, Spanish or French. This function operates only with multiple-language TV broadcasts, and not with any of the video inputs.

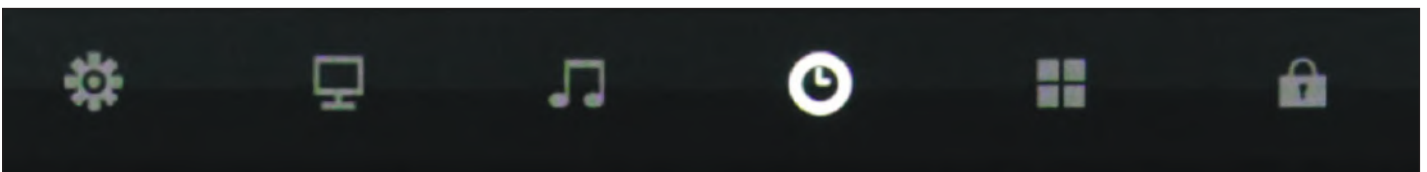
Digital Output

Press the ▲▼ buttons to highlight the Digital Output adjustment, then use ◀▶ to select PCM or Raw (bitstream). Use Raw only if the connected audio system can decode Dolby Digital. This function operates only when TV is selected as the source.

Surround Sound

Press the ▲▼ buttons to highlight the Surround Sound adjustment, then use ◀▶ to switch the surround sound effect on and off.

Adjusting On-Screen Displays – Time Menu



1. Press ▲▼ buttons on the remote or CH+/CH- on the TV) to move the cursor to the item to be selected.
2. Press ◀▶ buttons on the remote or VOL+/VOL- on the TV to make the desired adjustments.
3. When adjustments are complete, press MENU or EXIT on remote or MENU on the TV to exit the main menu.



Sleep Timer

Press the ▲▼ buttons to highlight Sleep Timer, then use ◀▶ to select Off or 5, 10, 15, 30, 60, 90, 120, 180 or 240 minutes. The TV will turn off automatically after the selected time has elapsed.

Time Zone

Press the ▲▼ buttons to highlight the Time Zone adjustment, then use ◀▶ to select Atlantic, Eastern, Central, Mountain, Pacific, Alaska or Hawaii time zone.

Daylight Saving Time

Press the ▲▼ buttons to highlight the DST adjustment, then use ◀▶ to turn daylight saving time on and off.

Time Format

Press the ▲▼ buttons to highlight the Time Format adjustment, then use ◀▶ to select 12-hour or 24-hour.

Auto Sync

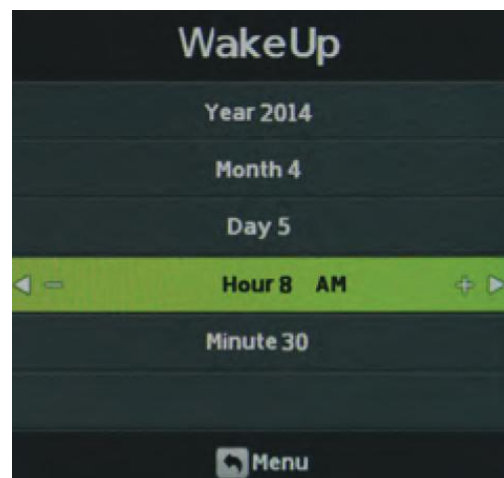
Press the ▲▼ buttons to highlight the Auto Sync adjustment, then use ◀▶ to turn auto sync on and off. Auto sync automatically sets the time on your TV based on information from TV signals. Clock setting and DST adjustments are not available when auto sync is activated.

Clock

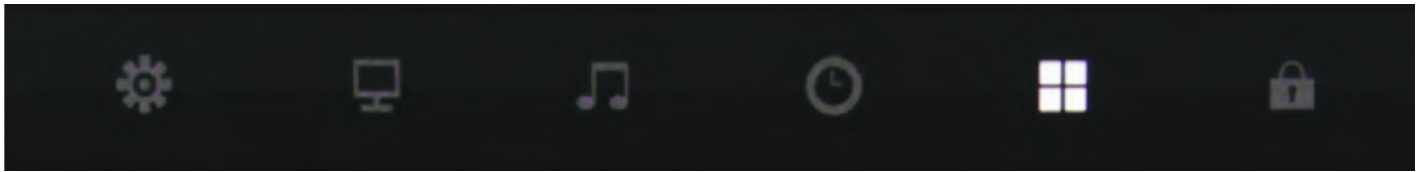
Press the ▲▼ buttons to highlight the Clock setting adjustment, then use ◀▶ to enter the Clock submenu pictured at left. Now press the ▲▼ buttons to highlight the adjustment you want to make (day, hour, minute, etc.), then use ◀▶ to make the adjustment. Repeat until the clock is set correctly.

Wake Up

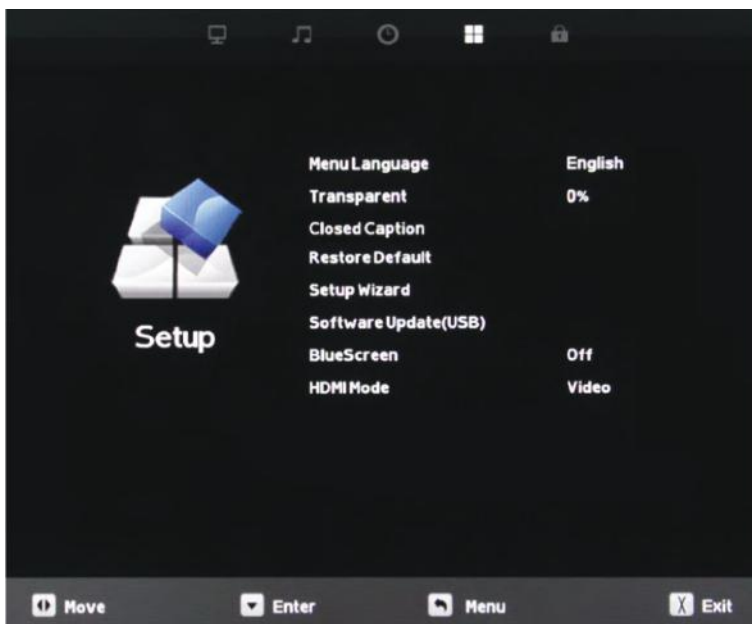
This function allows the TV to turn on automatically at a preset time. Press the ▲▼ buttons to highlight the Wake Up setting adjustment, then use ◀▶ to enter the Wake Up submenu pictured at left. Now press the ▲▼ buttons to highlight the adjustment you want to make (day, hour, minute, etc.), then use ◀▶ to make the adjustment. Repeat until the desired wake up time is set.



Adjusting On-Screen Displays – Setup Menu



1. Press ▲▼ buttons on the remote or CH+/CH- on the TV) to move the cursor to the item to be selected.
2. Press ◀▶ buttons on the remote or VOL+/VOL- on the TV to make the desired adjustments.
3. When your adjustments are complete, press MENU or EXIT on the remote or MENU on the TV to exit the main menu.



Menu Language

Press the ▲▼ buttons to highlight Menu Language, then use ◀▶ to select English, French or Spanish.

Transparent

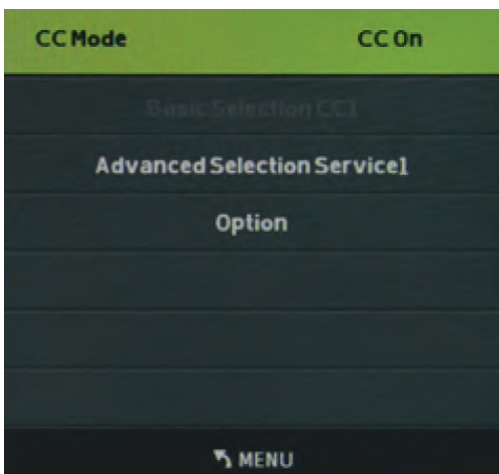
Press the ▲▼ buttons to highlight Transparent, then use ◀▶ to select to what degree the picture shows through the on-screen menus: 0%, 25%, 50%, 75% or 100%. At 0%, none of the underlying picture will show through the menus.

Restore Default

Press the ▲▼ buttons to highlight Restore Default, then use ◀▶ to bring up the Restore Default submenu. Press ◀ to restore the TV to factory settings, press ▶ to cancel.

Closed Caption

This option appears only when TV is selected as the source. Press the ▲▼ buttons to highlight Closed Caption, then use ◀▶ to enter the CC Mode submenu shown at left. Pressing ◀▶ will now select among the three closed caption modes: Off, On and CC on Mute. The last option shows captions only when mute is activated.





Adjusting On-Screen Displays – Setup Menu (cont.)

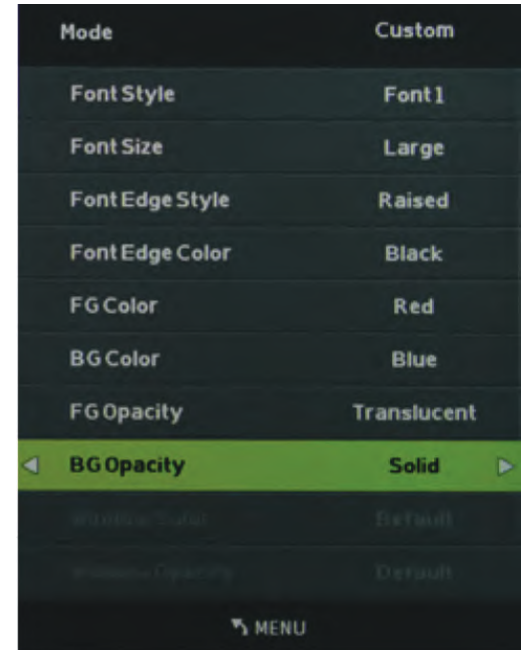
Advanced Selection Services

When the CC Mode submenu is on-screen, press the ▲▼ buttons to highlight Advanced Selection Services. Use ◀▶ to select Advanced Selection Services Off or 1-6. Availability of these services depends on the TV program.

Options

When the CC Mode submenu is on-screen, press the ▲▼ buttons to highlight Options. This option is available only when one of the Advanced Selection Services is selected. Use the OK button to enter the Options submenu shown at left.

Now the ◀▶ will allow you to select Default or Custom mode for the captions. In Custom Mode, you can use the ▲▼ buttons to select different options, such as font style and size, font color and background color, then use ◀▶ to adjust these options.

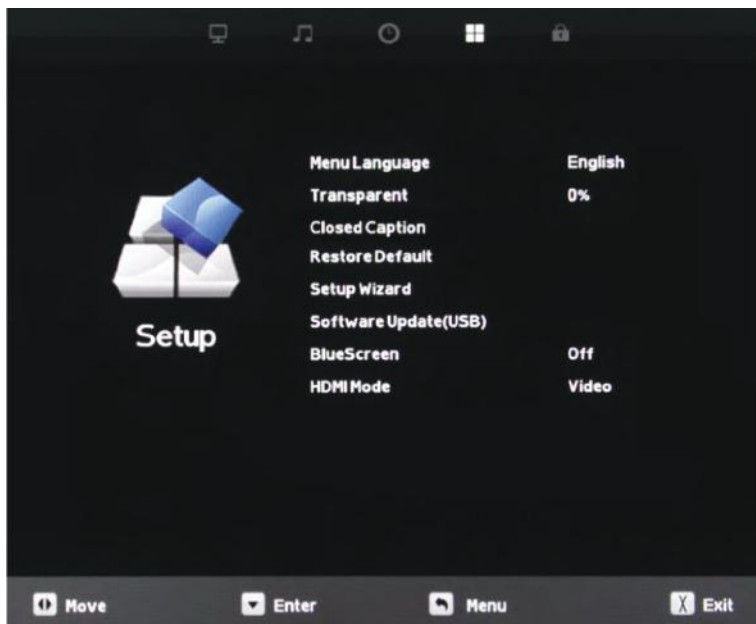


Setup Wizard

Press the ▲▼ buttons to highlight Setup Wizard, then use ◀▶ to start the Setup Wizard. You will see the first of four submenus, all of which are shown at left. The Setup Wizard will take you quickly through several basic settings on the TV, including Menu Language, Time Zone, DST on/off, Time Format, Air/Cable and Auto Scan.

For each of the first three menus, press the ▲▼ buttons to highlight each setting to be adjusted, then use t u to make the adjustment. When you're finished with the adjustments on a submenu, press ▼ to highlight Go to Next Step, then press ◀ or ▶ to go to the next screen of the Setup Wizard. When you have finished with the third Setup Wizard screen, the Setup Wizard will automatically activate Auto Scan to identify and memorize the channels that can be received.





Software Update (USB)

This function is used to update the software on your TV. Consult SkyVue Outdoor TV for more information.

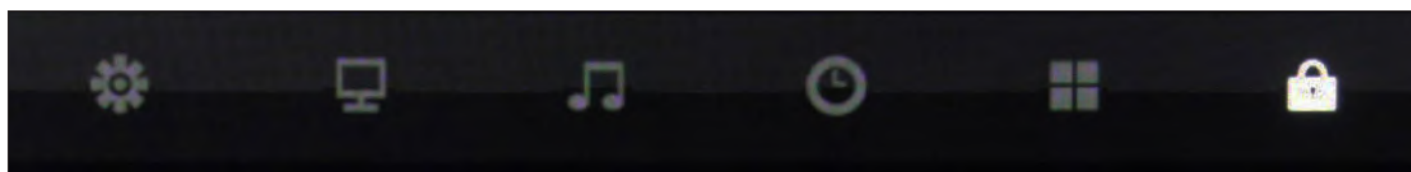
Blue Screen

Press the ▲▼ buttons to highlight the Blue Screen adjustment, then use ◀▶ to activate or deactivate the blue screen that appears when no signal is available at the selected input.

HDMI Mode

Press the ▲▼ buttons to highlight the HDMI Mode adjustment, then use ◀▶ to select Video or PC HDMI mode. The PC mode shows every pixel in the image. The Video mode crops off a few percent of the image on each side and zooms the cropped image in to fill the screen.

Adjusting On-Screen Displays – Lock Menu



1. Press ▲▼ buttons on the remote or CH+/CH- on the TV) to move the cursor to the item to be selected.
2. Press ◀▶ buttons on the remote or VOL+/VOL- on the TV to make the desired adjustments.
3. When your adjustments are complete, press MENU or EXIT on the remote or MENU on the TV to exit the main menu.



Adjusting On-Screen Displays – Lock Menu (cont.)

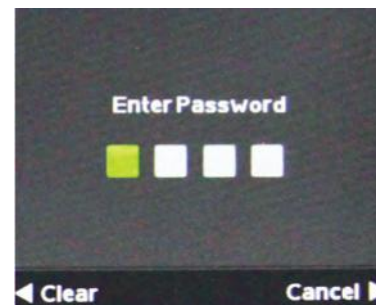
System Lock

Press the ▲▼ buttons to highlight System Lock, then use ◀▶ to enter the Password menu shown at lower left. This menu allows you to set a password that will be required to access inputs that are locked out using the Input Block feature described below. Selecting Hotel Mode will remove the System Lock option from the menu until Hotel Mode is deactivated. You must enter the system password to access this feature. See instructions below.



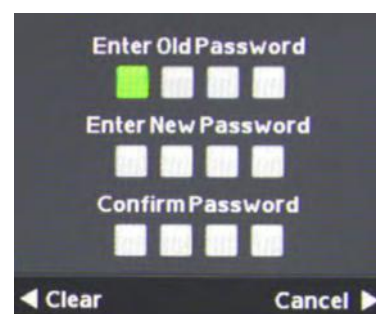
Enter Password

You will have to enter the TV's password to turn the System Lock feature on and off. Use the numeric keypad on the remote to enter the password. The default password is 0000. You can change this password using the Change Password feature in the menu.



Change Password

Press the ▲▼ buttons to highlight Change Password, then use ◀▶ to enter the Change Password menu shown at left. To change the password, use the numeric keypad on the remote to enter the current password (0000 unless you previously changed it), then enter the new password twice. If you enter a new password but forget it later, contact SkyVue Outdoor TV for assistance.



Adjusting On-Screen Displays – Lock Menu (cont.)



Using System Lock

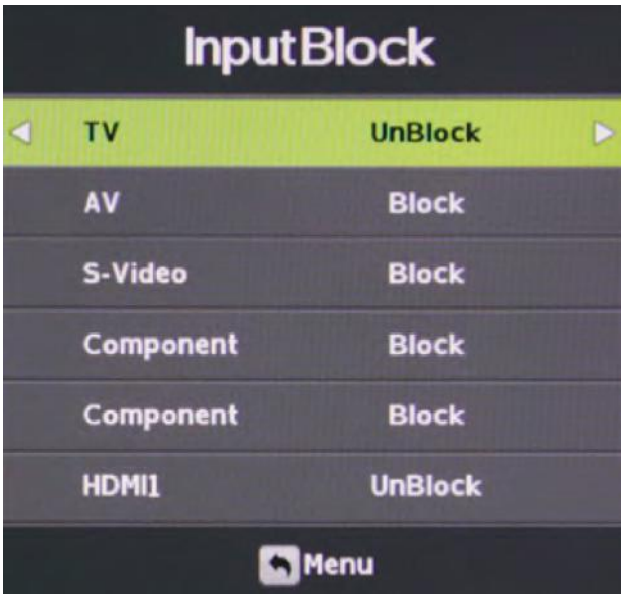
Once you are in System Lock mode, press the ▲▼ buttons to highlight the different functions in the menu, then use ◀▶ to activate those features.

Input Block

To use the Input Block function, you must enter the Input Block submenu shown at left. After activating System Lock Mode, press the ▲▼ buttons to highlight the different inputs in the submenu, then use ◀▶ to block or unblock those inputs. If an input is blocked, using it will require entering the system password.

- US
- Canada
- RRT Setting
- Reset RRT

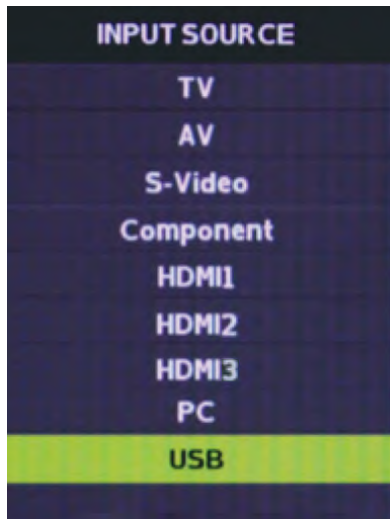
These functions are not adjustable and are for service use only.





Using the USB Input

Using the USB input on the rear panel of the TV, you can access material stored on a USB stick. The material can be MP3 or WAV music files, or JPEG or BMP pictures. The TV also has the ability to display the first few sentences of plain text (.TXT) documents, but because it shows only a few lines, this function is of very limited use.



Accessing the USB input

Press the Input button on the remote or on the side control panel of the TV, then press ▲ ▼ buttons to highlight USB. Now press  to select the USB input. The main USB menu seen below left will appear.

Selecting the Media on the USB Stick

From the main USB menu seen at left, you can choose the type of media you want to access: photos, music or text. Use ◀ ▶ to highlight the type of media you want to watch, then press  to select a media type. This action will take you either directly to media on the USB stick, or to the folders on the stick that the media is stored in. If folders appear, press ◀ ▶ to highlight the folder you want, then press  to open the folder.



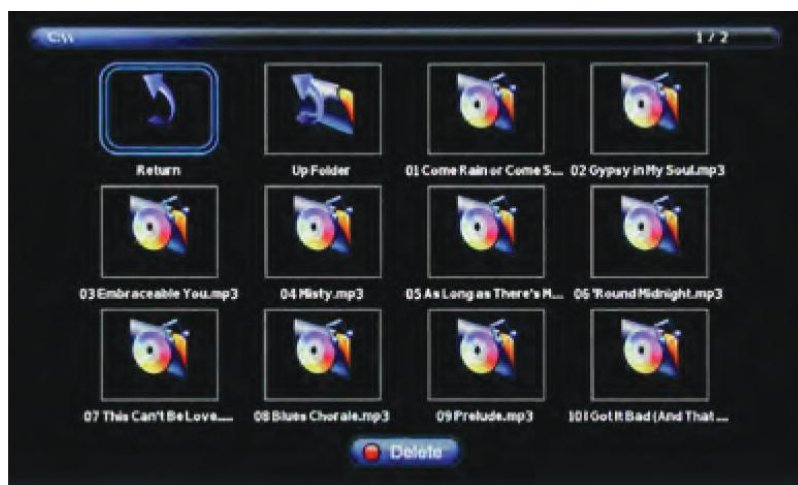
Viewing Images from the USB Stick

Use ◀▶ to highlight the image you want to view, then press  to view that image. The image will appear along with a text screen that shows data about the image. Note that the image will not fill the screen.



Listening to Music from the USB Stick

Use ◀▶ to highlight the song you want to listen to, then press  to play the song. The song will begin playing and a text screen that shows data about the file will appear.





Trouble	Solutions
No picture	Check the following: Power cord is connected correctly. Power is turned on. The video cable is connected correctly. You have selected the proper input signal source. If you have done the above, without resolve, try performing a hard reset on your TV. Instructions on performing a Hard Reset can be found following this troubleshooting list.
Abnormal colors	Match the colors on the cable to the connector. (Red cable to red colored port.)
Picture is too dark	Adjust your contrast and brightness settings from the OSD menu
Audio only, no picture	Make sure both the audio and video cables are connected. The TV tuner signal must not be lower than 65 percent. Attempt performing a Hard Reset. Instructions on performing a Hard Reset can be found following this troubleshooting list.
Picture only, no audio	Make sure the audio cable is connected. Readjust your volume via the remote control. The TV tuner signal must not be lower than 65 percent.
Remote control does not work	Turn off the TV, unplug it from the socket. Press and hold the power button for 10 seconds. Please the power button after 10 seconds and plug the tv back into the outlet. Use the power button to turn on the tv back on.
Cannot receive sufficient channels through the ATSC/NTSC Tuner	The TV's tuner signal must not be lower than 65 percent. Change the direction of your antenna and re-scan the channels. If you have cable, call the cable provider and ask to have your signal strength checked.
No color	Adjust your picture setup and make sure the color saturation is not turned all the way down.
Weak signal or no program symbol on screen	The TV tuner signal must not be lower than 65 percent. Change the direction of your antenna and re-scan the channels. If you have cable, call the cable provider and ask to have your signal strength checked.
TV channels are blocked The TV turns on or off slowly, and the screen shows up slowly	Check the Auto Lock function settings on the OSD. Channels may have been locked previously.
The TV turns on or off slowly, and the screen shows up slowly	This is a high definition liquid crystal display panel TV. It requires a few more seconds than normal TVs to power up and show the picture.
No sound from PC	Make sure you have a 3.5 mm mini-jack cable connected from your PC's sound output to the TV's VGA Stereo Input.

HDCP video says no HDCP support	Reboot your HDCP video device by turning it off, and unplugging the power cord. Wait up to 8 minutes to plug the power back in to see if that works.
HDCP video has no audio	Make sure you have a 3.5 mm mini-jack cable connected from your HDCP video device sound output to the TV's VGA stereo input. If your HDCP video device uses RCA audio jacks, you'll need to obtain an audio cable with RCA plugs on one end and a 3.5mm plug on the other.
Cannot get 3840 x 2160 from PC VGA	The screen's max resolution is 3840 x 2160. Your video card may not support this resolution. Check your video card's maximum resolution, and use that setting.
Picture is distorted or has an abnormal sound	This might be from interference from large electrical appliances, cars, motorcycles or fluorescent lights. If the TV is close to the wall, try moving the TV to another location to see if the problem still occurs.
Picture does not cover the entire screen	If you are using HDMI or a TV digital channel, use the Aspect button to switch to 16:9 format. If you are using VGA, use the computer's video controls to adjust the image to the screen. Note: If you are watching regular 4:3 TV or 4:3 signals from a VCR or DVD player in 480i resolution, use the Aspect button to switch to 16:9 in order to fill up the screen. However, this feature will distort the picture.
Picture quality is very poor	For best image quality, view HD widescreen programs. If HD content is not available, use a digital source (DVD or Blu-ray player, digital satellite or digital cable box). Standard 480i TV programs will be noticeably inferior to HD quality.
Some pixels are always displaying the same color	SkyVue Outdoor TV's LED screens are manufactured to rigorous standards to maintain optimal viewing. However, the LED screen may have minor defects that appear as a small bright or dark pixel. This is common to all LED screens used in display and television products, and is not specific to SkyVue Outdoor TV's. For more information, see SkyVue Outdoor TV's's Pixel Quality Policy in this manual.
Switching a channel or source changes the volume	Different channels and inputs sometimes have this effect because the channel signal's volume is pre-set.
There is noise or trash pixels on the screen	When your TV's resolution is higher than the digital channel's broadcast resolution, the signal is up-converted to match your TV's resolution. Upconverting can cause this kind of effect.
Tips for high-definition users	The TV is an ideal platform for viewing high-definition content. The best image quality can be achieved by HDMI, YPbPr (component), then VGA. However, due to variances in broadcast practices, it is possible that some image distortion may occur.
Tips for letterbox content users	Letterbox (widescreen) versions of DVD movies are most commonly formatted for standard 4:3 TVs. The TV has the capability of expanding this content so the entire screen is filled, at the expense of the image proportion. To use this function, press the Aspect button on the remote control and cycle among the available options.
The TV turns off automatically	The TV features a power-saving mode which will automatically turn off the TV if there is no signal provided for 15 minutes.



Hard Reset

Performing a Hard Reset:

Many common issues can be resolved by performing a hard reset. If you have attempted other steps on the trouble shooting list without resolve attempt performing a Hard Rest on the television.

To Perform a Hard Reset:

- 1: Unplug the television from the power outlet
- 2: Find the power button on the televisions Manual control input (usually on the side or bottom of the television)
- 3: Press and hold the power button for at least 10 to 15 seconds before releasing it.
- 4: Restore power to the television and attempt to power it by pressing the power button on the manual control input.

Care of SkyVue Outdoor TV

Caring for the LED Panel:

With your TV turned off, gently wipe the surface of the display panel with a damp (with water) microfiber, cotton or flannel cloth. (Do not use tissues, rags, sponges or paper towels because they may damage the screen and leave lint pieces behind). If the LED panel is very dirty, you can mix equal parts of isopropyl alcohol and distilled water in a clean spray bottle, spray the mixture onto the cloth (do not spray the solution directly on the panel) and gently clean the panel. A “special outdoor formula” LED Cleaning Kit is now available and can be ordered from SkyVue Outdoor TV.

When the TV is not in use, keep it covered with a Deluxe SkyVue Outdoor TV Cover:

When the unit is not being used, the SkyVue team strongly recommends using the all weather protective cover. The weatherproof cover will protect your SkyVue Outdoor TV from dust, fingerprints, static, wind and other harmful outdoor elements. The Deluxe SkyVue cover is made from only the highest quality, super soft yet durable material, along with an embroidered SkyVue logo patch to dress up your investment when it is not in use.

General Cleaning

Remove any dirt and salt deposits from the cabinet, being careful to rinse the cloth frequently to avoid scratching the TV or screen surface. Avoid using harsh chemicals, abrasives, or solvents when cleaning any surface on the unit.

Snow and Ice

Use a soft brush and towel to remove snow and ice from the unit and its filters.

TV Care & Policy Information

Extreme Climate Warning

If temperatures below -24° F are expected, we recommend that you bring your SkyVue Outdoor TV inside and re-store power to the TV to prevent damage to the LED screen. Power should only be disconnected from the TV during severe inclement weather.

SkyVue Outdoor TV Pixel Quality Policy

(Applicable to LED TVs sold within USA and Canada only.)

SkyVue Outdoor TV LED screens are manufactured with rigorous standards to maintain optimal viewing. However, the LED screen may have minor defects that appear as a small bright or dark pixel. This is common to all LED screens used in display and television products, and is not specific to SkyVue Outdoor TV.

Bright dots are dots that appear bright and unchanged in size when a LED TV screen displays a black pattern.

Dark dots are dots that appear dark and unchanged in size when a LED TV screen displays a pure red, green, or blue pattern.

Adjacent dots are pixels located directly next to each other.

Your SkyVue Outdoor TV will be replaced under warranty if it meets one of the following criteria:

- A total of 5 defective pixels, including both bright dots and dark dots are present. (This LED screen has over a million pixels.)
- 2 or more pairs of adjacent bright dots are present.
- 3 adjacent bright dots are present.
- 3 adjacent dark dots are present.

To locate defective pixels, the LED panel should be examined under normal operating conditions, in its native display resolution, with a 90 degree viewing angle, from a distance of approximately 20 inches.

For questions, please call our Customer Care Center at 877.475.9883.

RS232 Control Codes

Baud Rate: 38400/ Bits: 8/ Parity: None/Stop Bit: 1

Command Code Sequence: A0 F0 55 FF <IR Code> <Check Sum>

The time of the command sequence must be < 500 ms. The interval time of two continuous command sequences must be > 500 ms.

Menu:	A0, F0, 55, FF, 4E, B1	HDMI3:	A0, F0, 55, FF, E0, 1F
Right:	A0, F0, 55, FF, 05, FA	TV:	A0, F0, 55, FF, E8, 17
OK:	A0, F0, 55, FF, 02, FD	DTV:	A0, F0, 55, FF, E9, 16
Down:	A0, F0, 55, FF, 0D, F2	Component:	A0, F0, 55, FF, E7, 18
Up:	A0, F0, 55, FF, 17, E8	USB:	A0, F0, 55, FF, 57, A8
Left:	A0, F0, 55, FF, 0C, F3	PMODE:	A0, F0, 55, FF, 4B, B4
Source:	A0, F0, 55, FF, 01, FE	Info:	A0, F0, 55, FF, 50, AF
(1):	A0, F0, 55, FF, 42, BD	Zoom:	A0, F0, 55, FF, 51, AE
(2):	A0, F0, 55, FF, 43, BC	Surround:	A0, F0, 55, FF, C7, 38
(3):	A0, F0, 55, FF, 0F, F0	SMODE:	A0, F0, 55, FF, 5B, A4
(4):	A0, F0, 55, FF, 1E, E1	VOL 25%:	A0, F0, 55, FF, 21, DE
(5):	A0, F0, 55, FF, 1D, E2	VOL 50%:	A0, F0, 55, FF, 22, DD
(6):	A0, F0, 55, FF, 1C, E3	VOL 75%:	A0, F0, 55, FF, 23, DC
(7):	A0, F0, 55, FF, 18, E7	VOL 100%:	A0, F0, 55, FF, 24, DB
(8):	A0, F0, 55, FF, 45, BA	Brightness 25%:	A0, F0, 55, FF, 26, D9
(9):	A0, F0, 55, FF, 4C, B3	Brightness 50%:	A0, F0, 55, FF, 27, D8
(0)	A0, F0, 55, FF, 56, A9	Brightness 75%:	A0, F0, 55, FF, 28, D7
Exit:	A0, F0, 55, FF, 1B, E4	Brightness 100%:	A0, F0, 55, FF, 29, D6
Power On:	A0, F0, 55, FF, AE, 51		
Power Off:	A0, F0, 55, FF, AD, 52		
Power On/Off:	A0, F0, 55, FF, 0B, F4		
Volume +:	A0, F0, 55, FF, 0A, F5		
Volume - :	A0, F0, 55, FF, 40, BF		
Channel +:	A0, F0, 55, FF, 55, AA		
Channel - :	A0, F0, 55, FF, 5A, A5		
Mute:	A0, F0, 55, FF, 14, EB		
Sleep:	A0, F0, 55, FF, 53, AC		
AV:	A0, F0, 55, FF, ED, 12		
VGA:	A0, F0, 55, FF, EA, 15		
HDMI Toggle:	A0, F0, 55, FF, EC, 13		
HDMI1:	A0, F0, 55, FF, DE, 21		
HDMI2:	A0, F0, 55, FF, DF, 20		

