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> SYLVOX 43-inch Outdoor Signage TV (Model SS43A0KAGD) User Manual

## SYLVOX SS43A0KAGD

# SYLVOX 43-inch Outdoor Signage TV User Manual

Model: SS43A0KAGD

## 1. INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your SYLVOX 43-inch Outdoor Signage TV (Model SS43A0KAGD). Please read this manual thoroughly before using the product to ensure proper function and safety. This television is designed for commercial outdoor use, offering high brightness and robust weather protection.

## 2. SAFETY INFORMATION

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Observe the following safety precautions to prevent damage to the product and ensure user safety:

- **Power Supply:** Ensure the power source matches the voltage requirements specified on the product label.
- **Water and Moisture:** While the TV is IP55 waterproof, avoid direct high-pressure water jets. Ensure all port covers are securely closed when not in use.
- **Ventilation:** Do not block ventilation openings. Adequate airflow is necessary to prevent overheating.
- **Mounting:** Use appropriate mounting hardware and follow VESA standards (400 x 200 mm) for secure installation. Professional installation is recommended for outdoor environments.
- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth. Avoid harsh chemicals.
- **Temperature:** Operate the TV within the specified temperature range (-4°F to 113°F).

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- SYLVOX 43-inch Outdoor Signage TV
- Remote Control (2 AAA batteries included)
- Power Cord
- User's Manual
- Warranty Card
- Screws for mounting (BM8X14MM for full motion cantilever mount, BM8X28MM & Gasket for fixed wall mount)

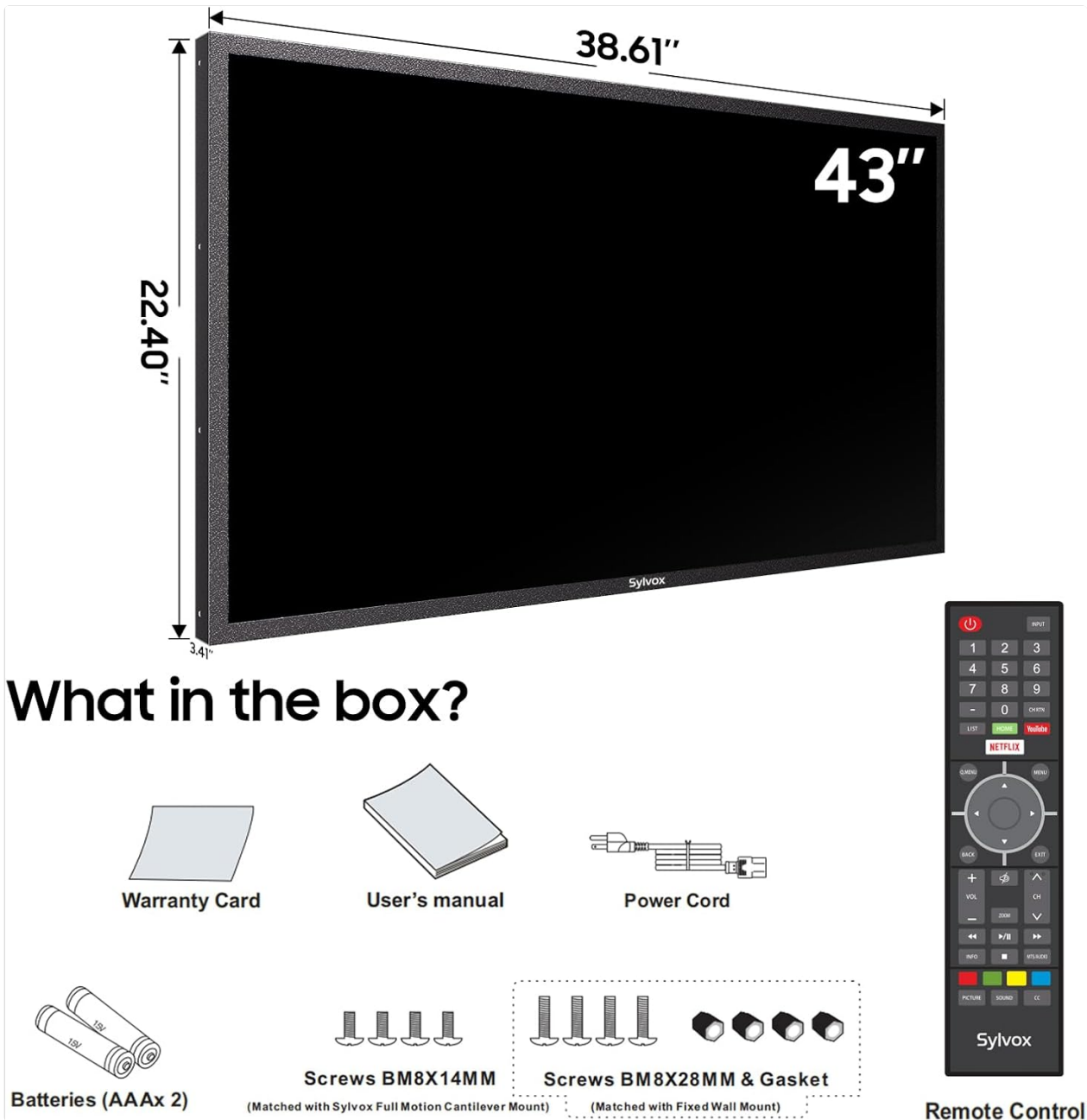


Figure 3.1: Included accessories with the SYLVOX 43-inch Outdoor Signage TV.

## 4. PRODUCT OVERVIEW

### 4.1 Key Features

- **Display:** 43-inch 4K UHD (3840x2160) LED display with 1000 nits brightness and 1.07 Billion Colors.
- **Durability:** IP55 waterproof rating, corrosion-resistant and scratch-resistant metal casing. Designed for 7x24 hour operation with temperature protection.

- **Operating System:** Linux-based system with pre-installed applications (Netflix, Pandora, Facebook, YouTube, Twitter). Note: Signage 1.0 series does not support downloading additional apps.
- **Connectivity:** Built-in ATSC & NTSC tuners, Bluetooth, 2.4G WiFi.
- **Audio:** Built-in speakers.



Figure 4.1: SYLVOX 43-inch Outdoor Signage TV in a commercial setting, showcasing its bright 4K display.



Figure 4.2: The TV's IP55 waterproof and wide temperature range capabilities.



Figure 4.3: Visual representation of 4K UHD picture quality and color depth.

# Linux system

## Pre-install apps

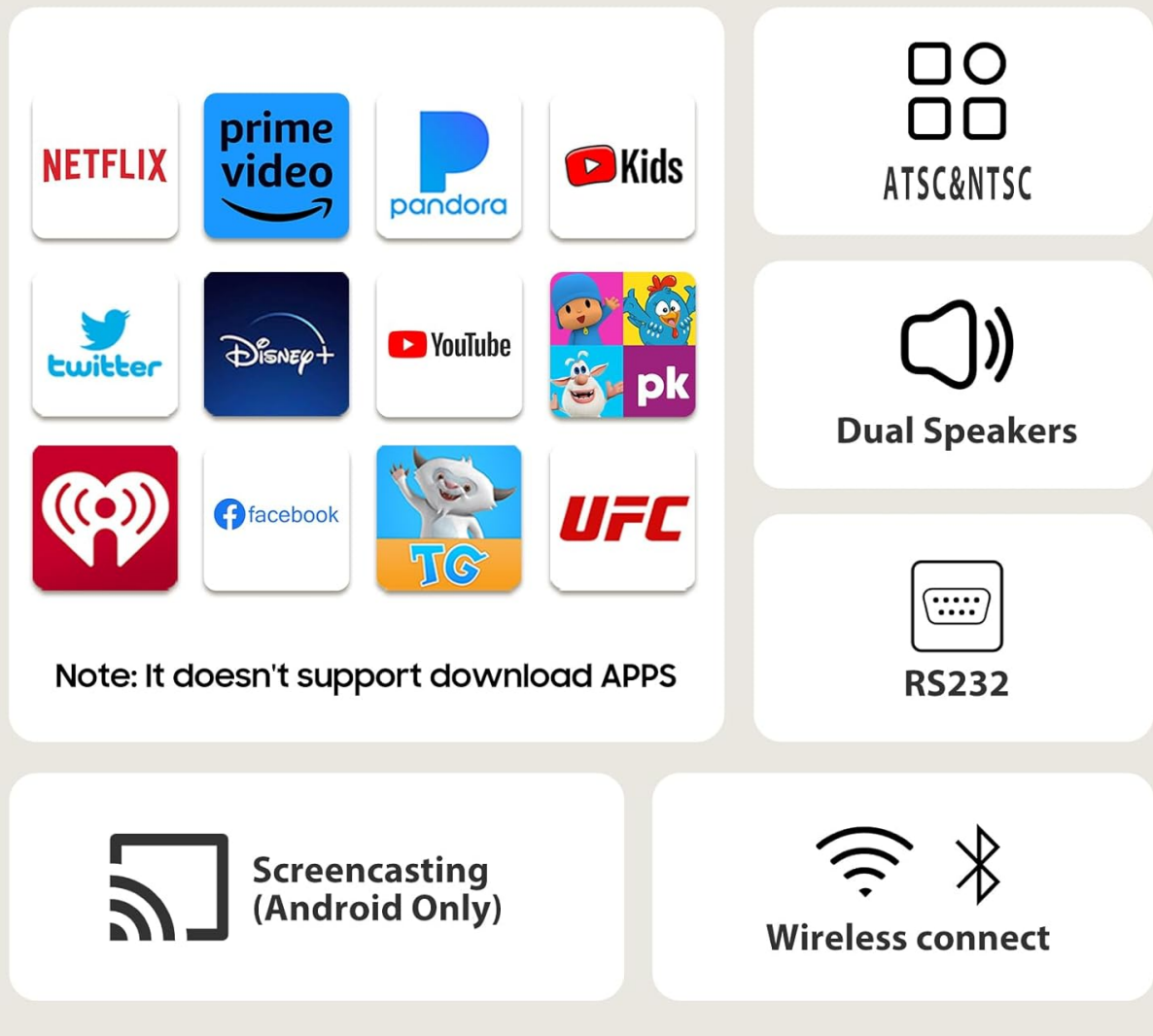
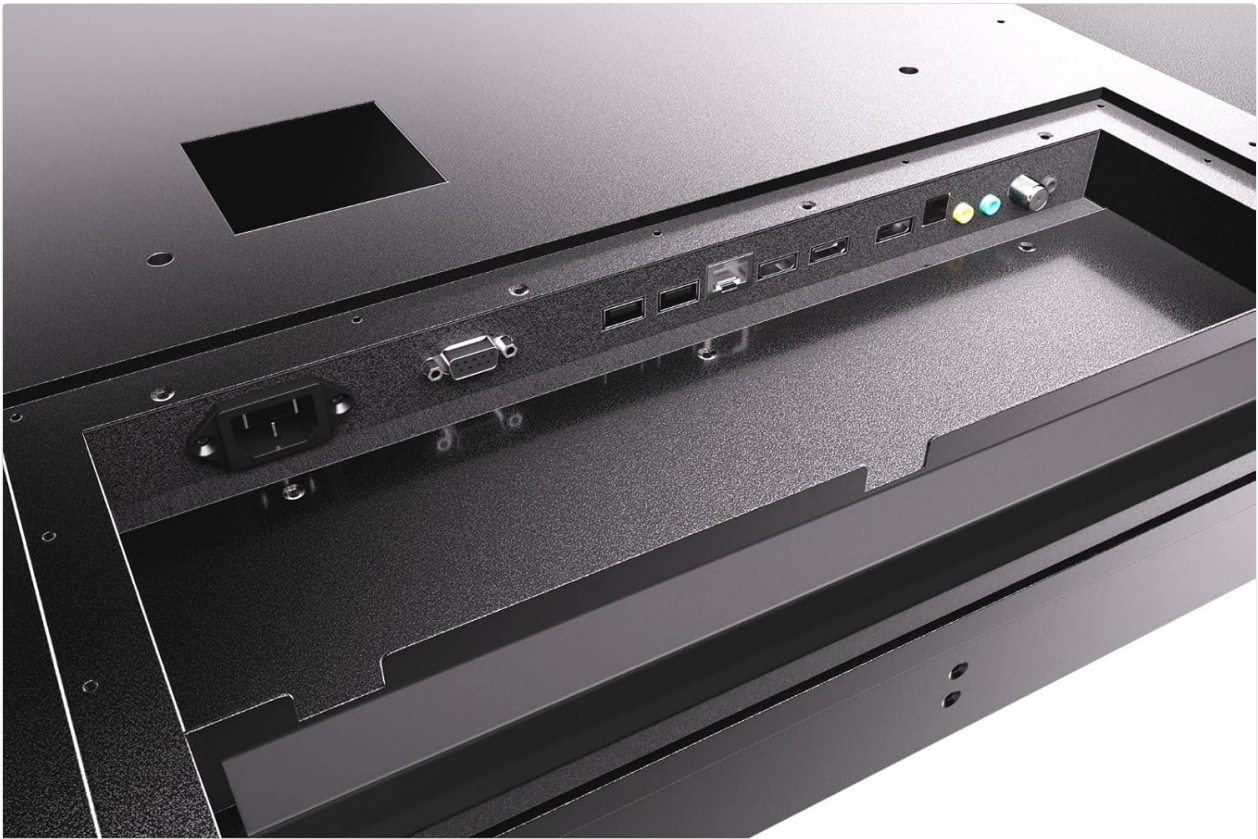


Figure 4.4: Overview of the Linux system and integrated features.

## 4.2 Ports and Connections

The TV offers a variety of input and output ports for versatile connectivity:

- RS232
- USB Input x 2 (USB 1.0, USB 2.0, USB 3.0 compatible)
- RJ45 (Ethernet)
- HDMI x 3
- Optical Out
- Audio L/R In
- YPbPr In
- Antenna In (ATSC/NTSC Tuner)
- Earphone Out



## Multiple Connection

- RS232
- HDMI X 3
- TV
- USB INPUT X 2
- OPTICAL OUT
- YPbPr IN
- RJ45
- AUDIO L/R IN
- EARPHONE OUT

Figure 4.5: Rear panel connections of the SYLVOX Outdoor Signage TV.

## 5. SETUP

### 5.1 Mounting the TV

The SYLVOX Outdoor Signage TV supports wall mounting. Ensure the mounting surface is sturdy enough to support the TV's weight and is suitable for outdoor conditions.

1. **Choose a Location:** Select a location that provides optimal viewing and protection from extreme weather, even with the TV's waterproof rating.
2. **Install Wall Mount:** Attach a VESA-compatible wall mount (400 x 200 mm) to the desired location according to the mount manufacturer's instructions. Use the provided screws (BM8X14MM for full motion, BM8X28MM with gasket for fixed mount).
3. **Attach TV to Mount:** Carefully lift the TV and secure it to the installed wall mount. Ensure all connections are tight and secure.

### 5.2 Initial Power On

1. **Connect Power:** Plug the power cord into the TV's power input and then into a grounded outdoor-rated power outlet.

2. **Insert Batteries:** Open the remote control battery compartment and insert the two AAA batteries, observing polarity.
3. **Power On:** Press the power button on the remote control or the TV.
4. **Initial Setup Wizard:** Follow the on-screen instructions to select language, time zone, and perform initial channel scanning.

## 5.3 Network Connection

To access smart TV features and streaming applications, connect the TV to your network.

- **Wi-Fi Connection:** Navigate to the TV's settings menu, select 'Network', then 'Wi-Fi'. Choose your network from the list and enter the password.
- **Ethernet Connection:** Connect an Ethernet cable from your router to the RJ45 port on the TV. The TV will automatically detect the wired connection.
- **Bluetooth:** For connecting audio devices, go to the Bluetooth settings, enable Bluetooth, and pair with your desired device.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Basic TV Functions

- **Power:** Press the **Power** button on the remote to turn the TV on or off.
- **Input Source:** Press the **Input** button to cycle through available input sources (HDMI 1/2/3, TV, YPbPr, USB).
- **Volume:** Use the **Volume +/-** buttons to adjust the sound level.
- **Channel:** Use the **Channel +/-** buttons to change channels when using the built-in tuner.
- **Navigation:** Use the directional arrows and **OK** button to navigate menus.

### 6.2 Smart TV Features

The TV runs on a Linux operating system and comes with several pre-installed applications:

- Access the home screen to view and launch applications like Netflix, Pandora, Facebook, YouTube, and Twitter.
- Use the remote control's dedicated app buttons (if available) for quick access.
- Note that the Signage 1.0 series does not support downloading additional applications.

### 6.3 Screencasting (Android Only)

The TV supports screencasting from Android mobile phones:

- Ensure your Android device and the TV are connected to the same Wi-Fi network.
- On your Android phone, enable the screen mirroring or screencasting feature (names may vary by device, e.g., 'Smart View', 'Cast', 'Wireless Display').
- Select your SYLVOX TV from the list of available devices.

### 6.4 Vertical/Horizontal Display

The TV can be installed and operated in both horizontal (landscape) and vertical (portrait) orientations. When using the screen vertically, the display direction is adjusted by the input device or content source.

## 7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your outdoor TV:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water. Do not spray cleaners directly onto the screen.
- **Cleaning the Casing:** Use a soft, damp cloth to clean the metal casing. Avoid abrasive cleaners or solvents.
- **Port Covers:** Regularly check that all unused port covers are securely sealed to maintain the IP55 waterproof rating.
- **Environmental Checks:** Periodically inspect the TV and mounting hardware for any signs of wear, corrosion, or damage, especially after severe weather conditions.
- **Software Updates:** Check for available software updates through the TV's settings menu to ensure optimal performance and security.

## 8. TROUBLESHOOTING

If you encounter issues with your SYLVOX Outdoor Signage TV, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord disconnected; no power from outlet; remote batteries dead.	Check power cord connection; test outlet; replace remote batteries.
No picture, but sound is present	Incorrect input source selected; external device issue.	Press 'Input' button to select correct source; check external device connections.
No sound, but picture is present	Volume muted or too low; external audio device issue.	Unmute volume or increase level; check audio cables for external devices.
Wi-Fi connection unstable or disconnected	Router issue; TV too far from router; incorrect password.	Restart router; move TV closer or use a Wi-Fi extender; re-enter Wi-Fi password.
Remote control not working	Batteries dead or incorrectly inserted; obstruction between remote and TV.	Replace batteries; ensure clear line of sight to TV's IR receiver.

If the problem persists after trying these solutions, please contact SYLVOX customer support.

## 9. SPECIFICATIONS

<b>Model Name</b>	SS43A0KAGD
<b>Screen Size</b>	43 Inches
<b>Display Technology</b>	LED

<b>Resolution</b>	4K (3840x2160)
<b>Refresh Rate</b>	60 Hz
<b>Maximum Display Brightness</b>	1000 Nit
<b>Contrast Ratio</b>	3000:1
<b>Response Time</b>	8 Milliseconds
<b>Waterproof Rating</b>	IP55
<b>Operating System</b>	Linux
<b>Connectivity Technology</b>	Wireless (Bluetooth, Wi-Fi), Wired (HDMI, USB, RJ45, RS232)
<b>Audio Input</b>	HDMI, Optical, USB, Audio L/R In
<b>Signal Format</b>	ATSC, NTSC
<b>Total Number of HDMI Ports</b>	3
<b>Total USB Ports</b>	2
<b>Product Dimensions (D x W x H)</b>	3.4"D x 38.6"W x 22.4"H
<b>VESA Mount Standard</b>	400 x 200 mm
<b>Wattage</b>	120 Watt-hours
<b>Manufacturer</b>	Kontech Electronics Co., Ltd.
<b>UPC</b>	810079224838

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

SYLVOX provides a **2-year manufacturer's warranty** for this product. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 10.2 Customer Support

If you require assistance with installation, operation, troubleshooting, or warranty service, please contact SYLVOX customer support. We recommend checking the product upon receipt to ensure it is in good condition and functions normally.

For further support, please visit the official SYLVOX website or refer to the contact information provided on your warranty card.

