

Aurora Outdoor Smart TV (Pro Range)

MODEL (LIPPERT PN)

FUDI55SSA (2024003602) FUDI65SSA (2024003603)

FUDI75SSA (2024003604)

TROUBLESHOOTING AND SERVICE MANUAL



* Picture shown here is for reference only.

This manual contains the product's basic information, operation instructions, fault diagnosis and basic troubleshooting methods. In order to better understand and use this product, please take good care of this manual, and read it carefully.

TABLE OF CONTENTS

Introduction	2
Safety	2
Important Safety Instructions	3
Safety Precautions	4
Compliance	5
FCC Statement	5
Replaceable Parts List	5
Troubleshooting	8
Specifications	9
Notes	11

Introduction

This document provides an overview on replaceable parts for Furrion® Aurora Outdoor Smart TV (Pro Range), as well as basic troubleshooting and service information.

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ. For more detailed operation, including general safety instructions, warnings and cautions, see Instruction Manual at: https://lci-support-doc.s3.amazonaws.com/furrion_electronics/outdoor%20tv/ccd-0008639.pdf or scan this QR code:



Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

CAUTION

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

⚠ CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

Important Safety Instructions



⚠ 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.



This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock.

For the safety of everyone in your household, please do not remove product covering.



The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.


⚠ WARNING

To reduce the risk of fire or electric shock, this product should not be submerged in liquid or placed within 6 feet of bodies of water or objects filled with liquids (such as pools, spas, or bath tubs.

⚠ CAUTION

To prevent electric shock, fully insert the plug. For regions with polarized plugs: Please match wide blade to wide slot.

1. Clean only with a dry microfiber towel, or clean with a glass cleaning solution by applying to a towel. DO NOT apply cleaning solution directly on the display.
2. If the TV is to be mounted near a fireplace, allow two feet of space or clearance between the TV and fireplace.
3. 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 safety. When the provided plug does not fit into the outlet, consult an electrician for replacement of the obsolete outlet. This product must be grounded. Connect only to properly grounded power outlets.
4. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the product. Make sure that the plug and power cable are not damaged before plugging them in.
5. If a surge protector is not in use, unplug this product during a lightning storm or when the product has not been used for long periods of time.
6. Refer all servicing to qualified service personnel. Servicing is required when the product has been damaged in any way, such as if the power-supply cord or plug is damaged, liquid or objects have entered into the product, or when the product does not operate normally, or has been dropped.

7. Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
8. When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
9. Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks to determine that the unit is in proper operating condition.
10. When the product is connected to other equipment, turn off the power and unplug from the wall outlet. Failure to do so may cause an electric shock and serious personal injury. Read the owner's manual of the other equipment carefully and follow the instructions when making any connections.
11. Sudden high volume may cause hearing or speaker damage. When headphones are used (if the unit is equipped with a headphone jack), keep the volume at a moderate level. The use of headphones continuously with high volume, may cause hearing damage.
12. Do not allow the product to output distorted sound for extended periods of time. This may cause speaker overheating and fire. If the device is not functioning normally (unusual noises or smells), unplug it immediately and contact customer service.
13. The socket-outlet must be installed near the unit and easily accessible.
14. The main plug is used as the disconnect and shall remain readily operable.
15. Batteries (battery pack or installed batteries) should not be exposed to excessive heat such as direct sunlight, fire or other heat sources.
16.  Class I product: This symbol indicates that it requires a safety connection of protective earthing (ground). A warning that a product with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

WARNING

Never place a television set in unstable or inclined locations. A television set may fall, causing serious personal injury or death.

WARNING

This is not a recessed installable TV, do not insert TV into the wall without proper ventilation.

Safety Precautions

A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as::

- ALWAYS use mounting methods recommended by the manufacturer of the television set.
- ALWAYS ensure the television set is not overhanging the edge of the supporting furniture.
- ALWAYS educate children about the dangers of climbing on furniture to reach the television set.
- ALWAYS route cords and cables connected to the television so they cannot be tripped over, pulled or grabbed.
- ALWAYS before cleaning, disconnect the television set. Use only a soft damp cloth or a special cleaning product for flat-screens.
- ALWAYS use the television set only with the voltage indicated in the specifications.
- ALWAYS ensure that there is easy access to the plug and that the television set can always be disconnected from the electricity supply.
- ALWAYS hold the television by the casing when moving to another location.
- NEVER place a television set in an unstable location.
- NEVER place the television set on cloth or other materials that may be located between the television set and supporting furniture.

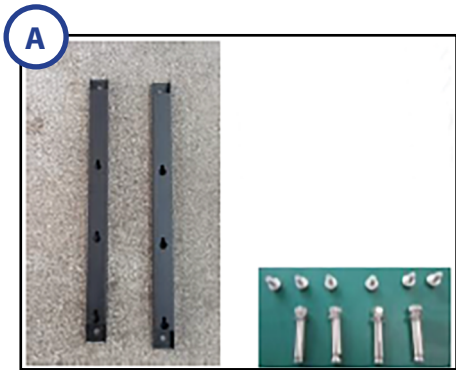
- NEVER place items that might tempt children to climb, such as toys and remote controls, on the top of the television or furniture on which the television is placed.
- NEVER allow small objects or liquids to enter the television set. They can cause damage or even fire.
- NEVER place anything holding a liquid or any candles on the television set.
- NEVER put too much pressure on the screen as it can damage the television set.
- NEVER expose the television set to high temperatures (radiators, open fire).
- NEVER use the television in areas exceeding 90% humidity.
- NEVER disconnect the television set by pulling the power cable. Always take hold of the plug. The power cable must not be kinked or placed over sharp edges.

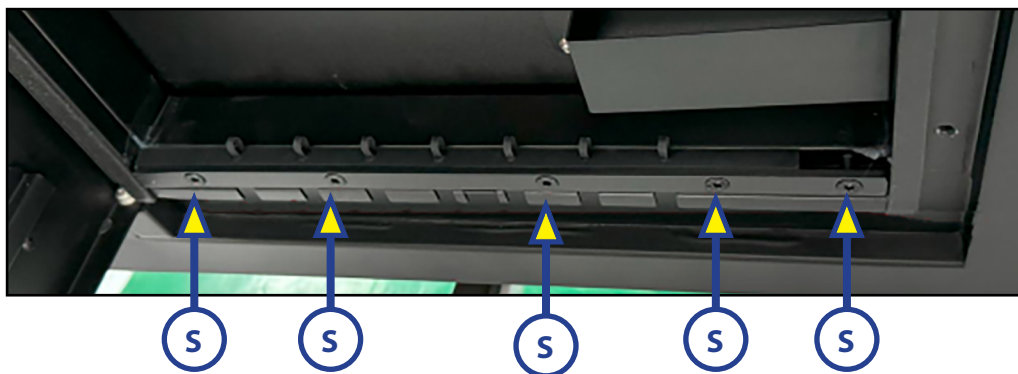
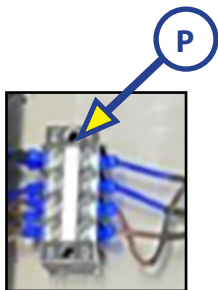
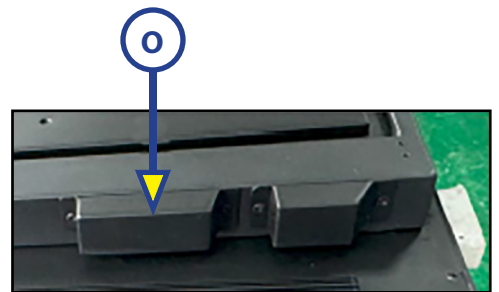
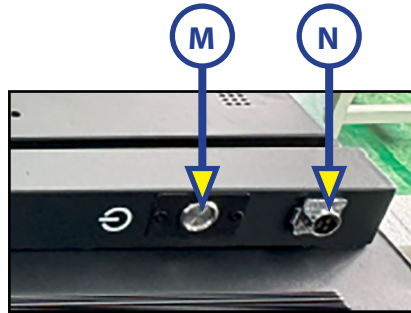
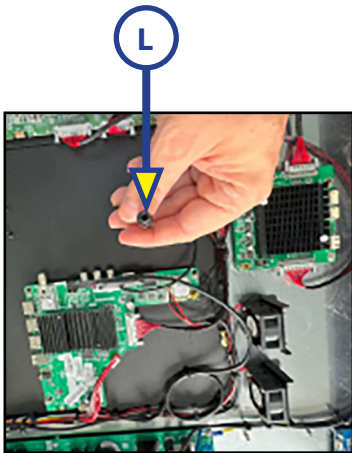
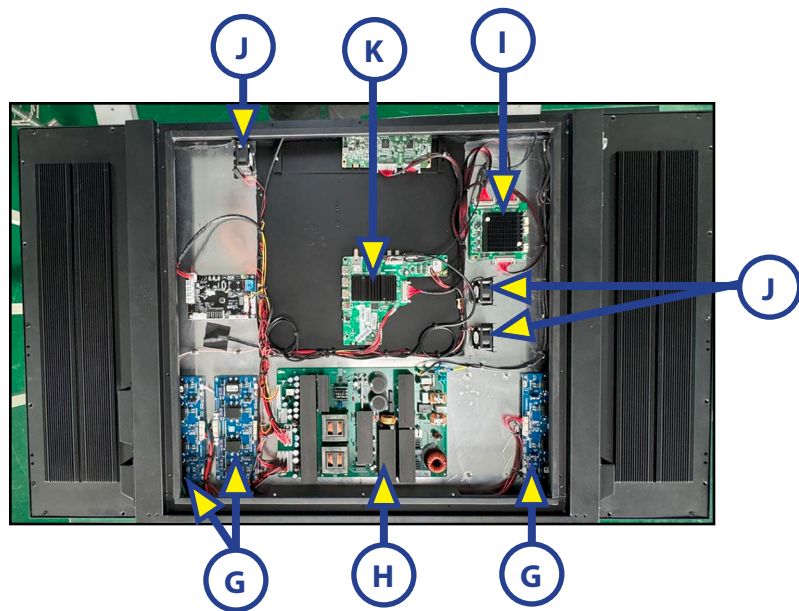
Compliance

FCC Statement

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.


Replaceable Parts List





Callout	Part #	Description	Model
A	2024028758	Standard TV wall mounting bracket kit	All
B	2024028762	Soundbar hanging kit	All
C	2024028769	Honey comb packaging box kit for 55 inch TV	FDUI55SSA
	2024028771	Honey comb packaging box kit for 65 inch TV	FDUI65SSA
	2024028772	Honey comb packaging box kit for 75 inch TV	FDUI75SSA
D	2024028764	External wifi antenna kit	All
E	2024028765	LG Magic Remote	All
F	2024028766	Waterproof power cord with power connectors	All
G	2024113402	Backlight driving board for 55" screen size	FDUI55SSA
	2024113403	Backlight driving board for 65" screen size	FDUI65SSA
	2024113405	Backlight driving board for 75" screen size	FDUI75SSA
H	2024028808	Power board for 55" screen size	FUDI55SSA
	2024028809	Power board for 65" screen size	FUDI65SSA
	2024028810	Power board for 75" screen size	FUDI75SSA
I	2024028817	Display control board	All
J	2024113406	DC brushless Fan 40x20mm, 12V	All
K	2024113408	Mainboard with TV-tuner, WiFi (WEE 2.0 WebOS)	All
L	2024113409	3.5mm jack wire assembly for IR-input	All
M	2024113410	Power on/off button with wire harness attached	All
N	2024113411	AC-inlet socket with wire-harness attached	All
O	2024113414	AC-inlet socket with wire-harness attached	FUDI75SSA
P	2024113415	Temperature & Brightness control board	All
Q	2024113416	TV-outlet socket mounting plate #1 with SMA Wire (2x)	All
R	2024113417	TV-outlet socket mounting plate #2 for Media bay	All
S	2024115642	M4x10 Phillips flat head machine screw, black oxide	All

Troubleshooting

Problem	Solution/Issue
TV does not operate	<p>Make sure the power cord is plugged in.</p> <p>Try another AC outlet.</p> <p>Power is off, check fuse or circuit breaker.</p> <p>Unplug unit for an hour, then plug it back in.</p>
Normal picture, but no sound	<p>Check the volume settings.</p> <p>Sound muted? Press  button.</p> <p>Try another channel.</p> <p>Check audio cable connections.</p> <p>Check to see if power button is pressed in the 'on' position.</p>
The remote control does not work	<p>Make sure the remote control is in range with no obstructions.</p> <p>Check the batteries.</p> <p>Correct operating mode set: TV, VCR etc.</p>
Poor sound or no sound	<p>Station or Cable TV experiencing problems, tune to another station.</p> <p>Check sound adjustments (Volume or Mute).</p> <p>Check for sources of possible interference.</p> <p>Check Digital Sound out Settings. Make sure this setting is set to PCM by going to All settings > Sound > Additional Settings > Digital Sound Out > Select PCM.</p>
Poor picture or no picture	<p>Station or Cable TV experiencing problems, tune to another station.</p> <p>Make sure channels are set into memory.</p> <p>Check antenna or Cable TV connections, adjust antenna.</p> <p>Check for sources of possible interference.</p> <p>Check picture control adjustments.</p>
Poor TV reception	<p>Ensure the antenna amplifier is turned on for Antenna TV.</p> <p>Adjust the antenna position to a stronger signal receiving angle.</p> <p>Check if the Antenna connection is tight.</p> <p>Check if there is power supplied to the Antenna distribution box.</p> <p>Check if the incoming cable is connected to the correct cable / antenna wall connection.</p>
Poor Cable / Satellite TV Reception	<p>Ensure antenna amp is turned off for cable signal.</p> <p>Check if incoming cable is connected correctly.</p> <p>Ensure cable splitter box has power.</p> <p>Check if the incoming cable is connected to the correct cable / Satellite wall connection.</p> <p>Ensure Dish has no obstruction.</p>

Problem	Solution/Issue
TV shuts off	Sleep Timer is set. Power interrupted.
Black and white image from the connected AV device	Check video connections on both the TV and connected AV device. Ensure all video cables are connected firmly.

Specifications

Product specifications may be changed without prior notice due to upgrade of product functions.

Estimated yearly energy consumption indicated on the energy label is measured in accordance with the test procedures for television sets (USA only). The actual energy consumption depends on the usage environment (the content watched, TV settings, etc.).

Screen size	55"
Screen type	TFT-LED
Resolution	3840*2160
Input power	AC 110-240V,50/60Hz
Audio output	L/R,5W x 2,8ohm
Brightness	2500 cd/m2
Aspect ratio	16:9
Dimensions (W x H x D)	49 5/8" x 28 3/4" x 3 13/16" (1260 x 730 x 97mm)
Temperature range	-22°F to 140°F(-30° to 60°C)
Weight	97.3 lb./42.5 kg

Screen size	65"
Screen type	TFT-LED
Resolution	3840*2160
Input power	AC 110-240V,50/60Hz
Audio output	L/R,5W x 2,8ohm
Brightness	2500 cd/m2
Aspect ratio	16:9
Dimensions (W x H x D)	58 5/16" x 33 5/8" x 3 13/16" (1481 x 854 x 97mm)
Temperature range	-22°F to 140°F(-30° to 60°C)
Weight	119.5 lb./54.2 kg

Screen size	75"
Screen type	TFT-LED
Resolution	3840*2160
Input power	AC 110-240V,50/60Hz
Audio output	L/R,5W x 2,8ohm
Brightness	2500-2700 cd/m2
Aspect ratio	16:9
Dimensions (W x H x D)	66 ¹⁵ / ₁₆ " x 38 ⁵ / ₈ " x 3 ¹³ / ₁₆ " (1700 x 981 x 97mm)
Temperature range	-22°F to 140°F(-30° to 60°C)
Weight	158 lb./71.5 kg

Notes

[illegible]



FURRION®

Furrion, LLC (Furrion) are wholly owned subsidiaries of Lippert Components, Inc. (Lippert)
Furrion, LLC (Furrion) sont des filiales en propriété exclusive de Lippert Components, Inc. (Lippert)
Furrion, LLC: 52567 Independence Ct., Elkhart, IN, 46514

Furrion Innovation Center & Institute of Technology
Centre d'innovation et institut de technologie Furrion
22244 Innovation Drive, Elkhart, IN 46514-5514, USA
Toll free/Numéro gratuit/Línea telefónica gratuita: 1-800-789-3341
Email/Courriel/Correo electrónico: customerservice@lci1.com

©2007-2025 Furrion, LLC. All rights reserved.

©2007-2025 Furrion, LLC. Tous droits réservés.

For Patent Info: www.Lippert.com/patents

Pour des informations sur les brevets: www.Lippert.com/patents

SUPPORT.LCI1.COM/FURRION



The contents of this manual are proprietary and copyright protected by Lippert. Lippert prohibits the copying or dissemination of portions of this manual unless prior written consent from an authorized Lippert representative has been provided.

Any unauthorized use shall void any applicable warranty.

The information contained in this manual is subject to change without notice and at the sole discretion of Lippert. Revised editions are available for free download from lippert.com.

Please recycle all obsolete materials.

Les renseignements contenus dans le présent manuel peuvent seulement être distribués sous forme de document complet, à moins de recevoir l'approbation explicite de Lippert Components pour distribuer des parties individuelles. Tous les renseignements contenus dans le présent manuel peuvent être modifiés sans préavis. Les éditions révisées pourront être téléchargées gratuitement sur le site lci1.com. Ces renseignements sont considérés comme étant factuels jusqu'à ce qu'une version révisée les rende désuets.

Veuillez recycler tout le matériel désuet.

For all concerns or questions, please contact Lippert.

Communiquer avec Lippert Components si vous avez des questions ou des préoccupations.

Ph: 432-LIPPERT (432-547-7378) | Web: lippert.com | Email: customerservice@lci1.com