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WUPRO 2023

WUPRO Gallery Fixed Frame Projector Screen CBSP ALR (100-inch, Model 2023) User Manual

Model: 2023 | Brand: WUPRO

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your WUPRO Gallery Fixed Frame Projector Screen CBSP ALR. Designed for ultra-short throw projectors, this 100-inch screen supports 4K/8K, HDR, and Active 3D content, delivering an immersive viewing experience with exceptional ambient light rejection.

The screen features a 0.6 gain and 1.5 contrast ratio, enhancing details, color vibrancy, and depth. Its 160° wide viewing angle ensures broad visibility, making it suitable for various environments.

Image 1.1: The WUPRO Gallery Fixed Frame Projector Screen CBSP ALR, showcasing its slim frame and high-quality display capabilities.

Image 1.2: Close-up view of the screen material, highlighting its PET composition, 94% ALR capability, and 4K UHD support.

2. What's in the Box

Please verify that all components are present before beginning installation. If any items are missing or damaged, contact customer support.

- Projector Screen Fabric (CBSP ALR)
- Fixed Frame Components
- Wall Mount Brackets and Hardware
- Spring Tensioning System
- User Manual (this document)

3. Safety Information

Read all instructions carefully before installation and use. Keep this manual for future reference.

- **Installation:** Ensure the screen is securely mounted to a sturdy wall structure. Improper installation can lead to injury or damage to the product.
- **Handling:** Handle the screen fabric with care to avoid creases, scratches, or damage to the optical surface. Wear clean gloves if possible.
- **Cleaning:** Use only recommended cleaning methods and materials to prevent damage to the screen surface. Refer to the Maintenance section.
- **Environment:** Avoid exposing the screen to extreme temperatures, humidity, or direct sunlight for prolonged periods, as this may affect performance and longevity.

4. Setup and Installation

The WUPRO Gallery Fixed Frame Projector Screen requires manual assembly and wall mounting. The quick-install trolley system is designed for straightforward setup.

4.1 Pre-Installation Considerations

- **Screen Size:** Before purchasing, project an image onto your wall to determine the appropriate screen size. This model is 100 inches.
- **Projector Compatibility:** This CBSP screen is designed exclusively for ultra-short throw (UST) projectors with 1800 ANSI lumens or higher. It is incompatible with standard or long-throw projectors.
- **Location:** Choose a flat, sturdy wall. Ensure there is sufficient space for the screen dimensions and for your UST projector placement.

4.2 Assembly Steps

1. Unpack all components carefully and lay them out on a clean, soft surface to prevent damage.
2. Assemble the fixed frame according to the detailed diagrams provided in the included printed instructions. Ensure all frame pieces are securely connected.
3. Carefully unroll the screen fabric. With assistance, attach the screen fabric to the assembled frame using the spring tensioning system. Ensure the fabric is taut and evenly stretched to avoid wrinkles.
4. Install the wall mount brackets onto your chosen wall location. Use appropriate anchors for your wall type.
5. Mount the assembled screen onto the wall brackets. The quick-install trolley system allows for easy hanging and adjustment.

Image 4.1: Visual guide for the easy installation process, showing frame assembly and wall mounting.

Image 4.2: An example of the WUPRO fixed frame screen mounted in a modern living room setting.

5. Operating Instructions

Once installed, your WUPRO Gallery Fixed Frame Projector Screen is ready for use with a compatible ultra-short throw projector.

5.1 Ambient Light Rejection (ALR) Technology

The CBSP ALR screen features advanced black grating technology, providing exceptional ambient (ceiling) light rejection of ≥94%. This ensures excellent image reproduction even in brightly lit environments, allowing for vibrant and clear visuals without glare.

Image 5.1: Comparison illustrating the superior image quality and ambient light rejection of the WUPRO Cinema Screen compared to a standard screen.

Product Parameters

WUPRO Cinema

2023 Gallery Fixed Frame Screen

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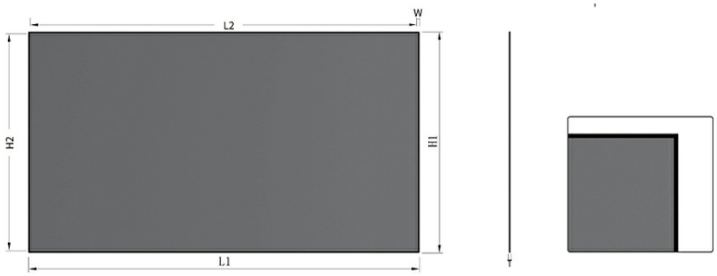

Aspect Ratio	Diag. Size	Screen Length L1 (mm)	Screen Height H1 (mm)	Screen Thickness T (mm)	Frame Width W (mm)	Image Length L2 (mm)	Image Height H2 (mm)	G.W. (kg)	Package Size (mm)
16:9	70"	891	1569	25	10	871	1549	10	1171*230*140
16:9	84"	1066	1879	25	10	1046	1859	11.8	1300*230*140
16:9	92"	1163	2052	25	10	1143	2032	13	1440*230*140
16:9	100"	1266	2235	25	10	1245	2214	14.2	1520*226*134
16:9	110"	1391	2458	25	10	1371	2438	15.2	1671*230*140
16:9	120"	1515	2678	25	10	1494	2656	16.4	1770*226*134
16:9	130"	1639	2898	25	10	1619	2878	19	1920*230*170
16:9	133"	1676	2964	25	10	1656	2944	19.4	1970*230*170
16:9	150"	1888	3340	25	10	1868	3320	21	2170*230*170

Image 5.2: Diagram explaining how the Advanced CLR (Ceiling Light Rejection) technology works to reflect image light and reject ambient light.

5.2 Wide Viewing Angle

With a 160° wide viewing angle, the screen provides broad visibility, ensuring that viewers across a large room can enjoy consistent image quality without significant loss of brightness or color accuracy.

Image 5.3: Illustration demonstrating the 160-degree wide viewing angle, showing clear visibility from various positions in a room.

5.3 Usage Scenarios

The screen's performance characteristics make it ideal for a variety of applications:

- **Home Entertainment:** Perfect for living rooms and bedrooms for movies, sports, and gaming.
- **Professional Settings:** Suitable for offices and schools for presentations and collaborative work.
- **Events:** Can be used for weddings, churches, or outdoor screenings (in appropriate conditions).

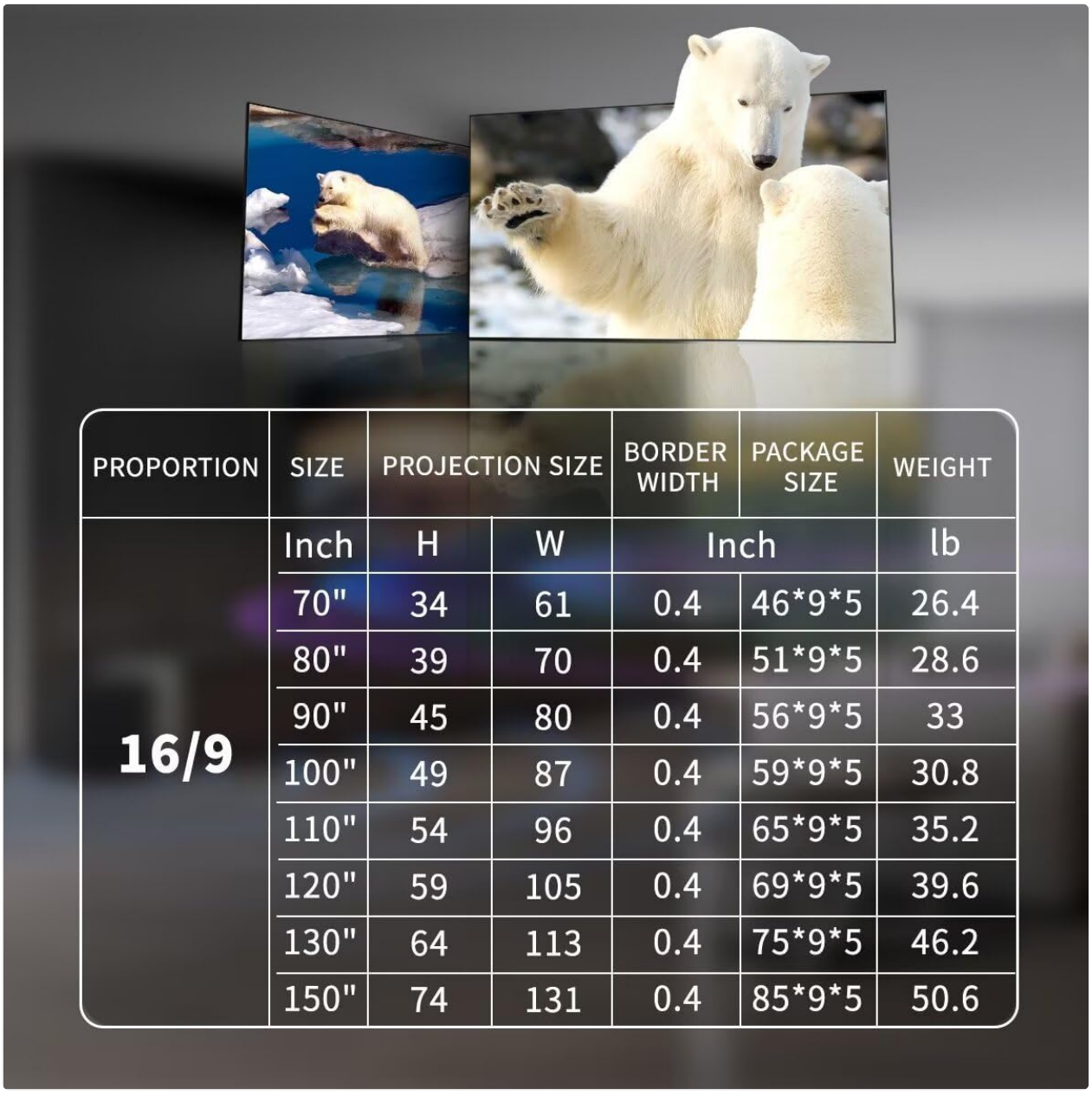

Image 5.4: Examples of the projector screen being used in various settings, including gaming, office presentations, watching sports, and outdoor entertainment.

6. Maintenance

Proper maintenance will ensure the longevity and optimal performance of your projector screen.

- **Cleaning the Screen Surface:** Gently wipe the screen surface with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with distilled water. Do not use harsh chemicals, abrasive cleaners, or excessive pressure, as this can damage the ALR coating.

- **Frame Cleaning:** The frame can be cleaned with a soft, damp cloth.
- **Dust Removal:** Use a soft brush or compressed air to remove dust from the screen and frame regularly.
- **Storage:** If the screen needs to be disassembled and stored, ensure it is rolled carefully (if applicable) and protected from dust, moisture, and physical damage.

7. Troubleshooting

This section addresses common issues you might encounter with your projector screen.

- **Wrinkles/Creases on Screen:** Ensure the screen fabric is properly tensioned during assembly. Over time, minor creases may diminish. If persistent, re-check tensioning or contact support.
- **Poor Image Quality (Dim/Washed Out):**
  - Verify that you are using an ultra-short throw projector with at least 1800 ANSI lumens. This screen is not compatible with standard/long-throw projectors.
  - Check projector settings for brightness and contrast.
  - Ensure the room's ambient light is within acceptable levels for optimal viewing, despite the ALR capabilities.
- **Screen Not Level:** Adjust the wall mount brackets or the screen's position on the brackets to ensure it is perfectly level.
- **Installation Difficulties:** Refer to the detailed assembly instructions provided with the product. Ensure all parts are correctly identified and assembled.

8. Specifications

Detailed technical specifications for the WUPRO Gallery Fixed Frame Projector Screen CBSP ALR (100-inch).

Feature	Specification
Brand	WUPRO
Model Number	2023
Screen Type	Fixed Frame, ALR (Ambient Light Rejecting)
Screen Material	CBSP (Black Grating Technology), PET
Screen Size (Diagonal)	100 inches
Aspect Ratio	16:9
Gain	0.6
Contrast Ratio	1.5
Ambient Light Rejection	≥94% (Ceiling Light Rejection)
Viewing Angle	160°
Supported Resolutions	4K/8K, HDR, Active 3D

Feature	Specification
Mounting Type	Wall Mount
Product Dimensions (W x H)	87.99" x 49.84" (223.5 cm x 126.6 cm)
Display Dimensions (W x H)	87.17" x 49.02" (221.4 cm x 124.5 cm)
Item Weight	31.2 pounds (14.15 kg)
Operating Temperature	-10°C to 50°C

Image 8.1: Detailed table outlining various screen sizes, projection dimensions, border widths, package sizes, and weights.

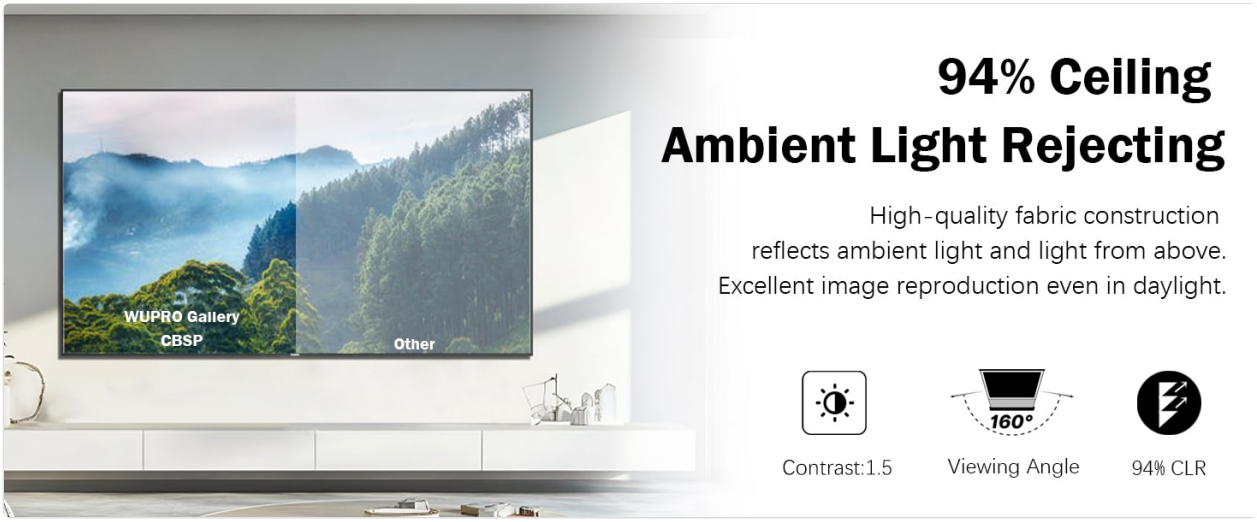

Image 8.2: Visual summary of key product specifications including thickness, gain, viewing angle, material, ALR, operating temperature, eye protection, and ease of assembly.

9. Warranty and Support

WUPRO is committed to providing high-quality products and customer satisfaction. For specific warranty details, please refer to the warranty card included with your product or visit the official WUPRO website.

For technical support, troubleshooting assistance, or inquiries regarding parts and service, please contact WUPRO customer service through the contact information provided on our website or your purchase documentation.

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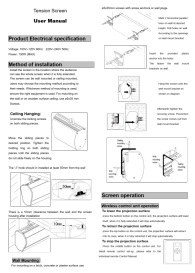
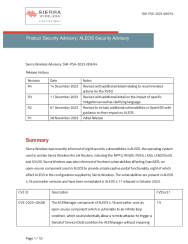
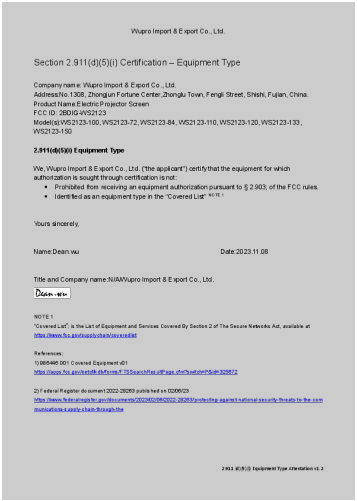
Related Documents - 2023

	WUPRO Cinema G1 Smart Projector: User Manual, Setup, and Specifications Comprehensive user manual for the WUPRO Cinema G1 Smart Projector, covering setup, remote functions, product overview, specifications, troubleshooting, and regulatory compliance.
	WUPRO Cinema G1 Smart Projector: User Manual, Setup, and Specifications Comprehensive user manual for the WUPRO Cinema G1 Smart Projector, covering setup, remote functions, product overview, specifications, troubleshooting, and regulatory compliance.

	[WUPRO Cinema G2 Smart Projector User Manual] User manual for the WUPRO Cinema G2 Smart Projector by Wupro Import&Export Co.,Ltd. Covers setup, operation, features, specifications, and troubleshooting for this Google TV-enabled device.
	[WUPRO Cinema Tension Screen User Manual: Installation and Operation Guide] Comprehensive user manual for the WUPRO Cinema Tension Screen (FlowArc model). Provides detailed instructions on electrical specifications, installation methods (ceiling and wall mounting), and wireless control unit operation for optimal use of your projection screen.
	[Sierra Wireless ALEOS Security Advisory: Vulnerabilities and Mitigation] This security advisory from Sierra Wireless details vulnerabilities in ALEOS and OpenNDS affecting AirLink routers, providing CVE information, impact analysis, and recommended actions for models like MP70, RV50X, and ES450.
	[Devinci Chainsaw 2023+ Technical Manual | Frame Specifications, Assembly, and Warranty] Comprehensive technical manual for the Devinci Chainsaw 2023+ mountain bike. Includes frame specifications, cable routing guides, service kit details, assembly tips, and warranty information.

Documents - WUPRO – 2023



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dell990 2 911 d 5 i CertificationEquipmentTypev1 Wupro Import Export Co Ltd WS2123 Electric Projector Screen 2BDIG 2BDIGWS2123 ws2123

Wupro Import Export Co., Ltd. Section 2.911 d 5 i Certification Equipment Type Company name: ... Identified as an equipment type in the Covered List NOTE 1 Yours sincerely, Name:Dean.wu Date:**2023**.11.08 Title and Company name:N/A/Wupro Import Export Co., Ltd. NOTE 1 Covered List ; is th...

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Wupro Import & Export Co., Ltd.

Section 2.911(d)(5)(ii) Certification – Applicant (Covered List)

Company name: Wupro Import & Export Co., Ltd.
Address:No.1308, Zhongjun Fortune Center,Zhongju Town, Fengli Street, Shishi, Fujian, China.
Product Name:Electric Projector Screen
FCC ID: 2BDIG-WS2123
Model(s):WS2123-100, WS2123-72, WS2123-84, WS21 23-110, WS2123-120, WS2123-133 , WS2123-150

2.911(d)(5)(ii) Applicant filing
We, Wupro Import & Export Co., Ltd. ("the applicant") certify that, as of the date of the filing of the application, the applicant **is not identified** NOTE 1 on the "Covered List" NOTE 2, established pursuant to § 1.50002 of this chapter, as an entity producing covered communications equipment.

Yours sincerely,

Name:Dean.wu Date:2023.11.08

Title and Company name:N/A/Wupro Import & Export Co., Ltd.

NOTE 1
Delete option not applicable to this application.

NOTE 2
"Covered List", is the List of Equipment and Services Covered By Section 2 of The Secure Networks Act, available at https://www.fcc.gov/supply-chain/secure#list

References:
1) 86846-001 Covered Equipment 401
https://apps.fcc.gov/eas/comsrs/faces/pdf/page_cfs/%edcnt=PS&id=325872

2) Federal Register document 2022-28263 published on 02/06/23
https://www.federalregister.gov/documents/2023/02/06/2023-28263/protecting-against-national-security-threats-to-the-communications-supply-chain-through-the

2023 网络安全 Applicant Attestation v1.3

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dell990 2 911 d 5 ii CertificiationApplicantv1 Wupro Import Export Co Ltd WS2123 Electric Projector Screen 2BDIG 2BDIGWS2123 ws2123

Wupro Import Export Co., Ltd. Section 2.911 d 5 ii Certification Applicant Covered List Com ... ter, as an entity producing covered communications equipment. Yours sincerely, Name:Dean.wu Date:**2023**.11.08 Title and Company name:N/A/Wupro Import Export Co., Ltd. NOTE 1 Delete option not app...

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Wupro Import & Export Co., Ltd.

Section 2.911(d)(7) USA Agent for Service of Process

Company name: Wupro Import & Export Co., Ltd.
Address:No.1308, Zhongjun Fortune Center,Zhongju Town, Fengli Street, Shishi, Fujian, China.
Product Name:Electric Projector Screen
FCC ID: 2BDIG-WS2123
Model(s):WS2123-100, WS2123-72, WS2123-84, WS2123-110, WS2123-120, WS2123-133, WS2123-150

2.911(d)(7) USA Designated Agent for Service of Process
We, Wupro Import & Export Co., Ltd. ("the applicant") designate [Stone Trading Limited] NOTE1 for the purpose of accepting service of process on behalf of the applicant.

Applicant consent: We acknowledge our consent to accept service of process in the United States for matters related to the applicable equipment, and at the physical U.S. address and email address of the designated agent and acknowledge our acceptance of our obligation to maintain an agent for service of process in the United States for no less than one year after either we the grantee have permanently terminated all marketing and importation of the applicable equipment within the U.S., or at the conclusion of any Commission-related administrative or judicial proceeding involving the equipment, whichever is later.

Agent obligation: We acknowledge our obligation to accept service of process in the United States for matters related to the applicable equipment at our physical U.S. address and email address for no less than one year after either the grantee has permanently terminated all marketing and importation of the applicable equipment within the U.S., or at the conclusion of any Commission-related administrative or judicial proceeding involving the equipment, whichever is later.

USA Agent	**Applicant**
Company name: Stone Trading Limited USA Address: 6547 N Academy Blvd #2266,Colorado Springs,CO 80918,United States FRN Number：0033401936 Contact Name:Dongmei Fang Telephone No:+12134573118 Email:compliance@c-shlink.com Signature: Title:manager Date: 2023.11.08	Company name:Wupro Import & Export Co., Ltd. Address:No.1308, Zhongjun Fortune Center,Zhongju Town, Fengli Street, Shishi, Fujian, China. Grantee FRN Number:0034458224 FCC Grantee Code：2BDIG Contact Name:Dean.wu Telephone No:13489700555 Email:dean.wu@wupro.com Signature: Title:N/A Date: 2023.11.08

2.911 (d)(7)USA Agent v1.5

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dell990 2 911 d 7 USAgentforServiceofProcessv1 Wupro Import Export Co Ltd WS2123 Electric Projector Screen 2BDIG 2BDIGWS2123 ws2123

Wupro Import Export Co., Ltd. Section 2.911 d 7 USA Agent for Service of Process Company name: W ... nce c-shlink.com Telephone No:13489700555 Email:dean.wu wupro.com Signature: Title:manager Date: **2023**.11.08 Signature: Title:N/A Date: **2023**.11.08 2.911 d 7 USA Agent v1.5 Wupro Import Expor...

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[pdf] User Manual

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WUPRO Cinema is the sub-brand of WUPRO for home theater products www.wupro.com www.wuprobuy.com www.wuproscreen.com MOTORIZED FLOOR RISING SCREEN USER MANUAL KNOW YOUR MOTORIZED FLOOR RISING SCREEN WUPRO Cinema is the sub-brand of WUPRO for home theater products Thank you for purchasing this pr...

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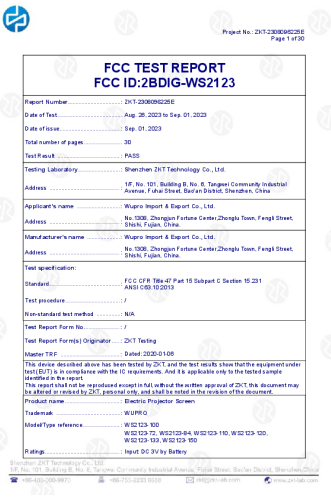

Project No.: ZKT-2308096225E
Page 1 of 30

FCC TEST REPORT
FCC ID:2BDIG-WS2123

Report Number	ZKT-2308096225E
Date of Test	Aug. 26, 2023 to Sep. 01, 2023
Date of issue	Sep. 01, 2023
Total number of pages	30
Test Result	PASS
Testing Laboratory	Shenzhen ZKT Technology Co., Ltd.
Address	1/F, No. 101, Building B, No. 8, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China
Applicant's name	Wupro Import & Export Co., Ltd.
Address	No.1308, Zhongjian Fortune Center,Zhonglu Town, Fengli Street, Shishi, Fujian, China.
Manufacturer's name	Wupro Import & Export Co., Ltd.
Address	No.1308, Zhongjian Fortune Center,Zhonglu Town, Fengli Street, Shishi, Fujian, China.
Test specification:	
Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.231 ANSI C63.10:2013
Test procedure	/
Non-standard test method	N/A
Test Report Form No	/
Test Report Form(s) Originator	ZKT Testing
Master TRF	Dated: 2020-01-06

This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the IC requirements. And it is applicable only to the tested sample identified in the report.
This report shall not be reproduced except in full, without the written approval of ZKT, this document may be altered or revised by ZKT, personal only, and shall be noted in the revision of the document.

Product name	Electric Projector Screen
Trademark	WUPRO
Model/Type reference	WS2123-100 WS2123-72, WS2123-84, WS2123-110, WS2123-120, WS2123-133, WS2123-150
Ratings	Input: DC 3V by Battery

Shenzhen ZKT Technology Co., Ltd.
1/F, No. 101, Building B, No. 8, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

[pdf] Specifications Test Report

Measurement Report Kent Test Wupro Import Export Co Ltd WS2123 Electric Projector Screen 2BDIG 2BDIGWS2123 ws2123

Project No.: ZKT-2308096225E Page 1 of 30 FCC TEST REPORT FCC ID:2BDIG-WS2123 Report Number.....: ZKT-2308096225E Date of Test.....A...u..g....:26, **2023** to Sep. 01, **2023** Date of issue.....: ...

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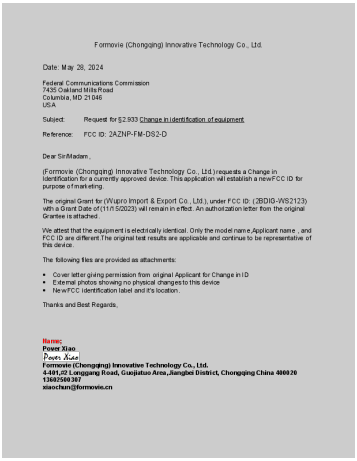

Formovie (Chongqing) Innovative Technology Co., Ltd.

Date: May 28, 2024

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: Request for §2.933 Change in identification of equipment

Reference: FCC ID: 2AZNP-FM-DS2-D

Dear Sir/Madam,

(Formovie (Chongqing) Innovative Technology Co., Ltd.) requests a Change in Identification for a currently approved device. This application will establish a new FCC ID for purpose of marketing.

The original Grant for (Wupro Import & Export Co., Ltd.), under FCC ID: (2BDIG-WS2123) with a Grant Date of (11/15/2023) will remain in effect. An authorization letter from the original Grantee is attached.

We attest that the equipment is electrically identical. Only the model name,Applicant name , and FCC ID are different.The original test results are applicable and continue to be representative of this device.

The following files are provided as attachments:

- Cover letter giving permission from original Applicant for Change in ID
- External photos showing no physical changes to this device
- New/FCC identification label and its location.

Thanks and Best Regards,

Name:
Powe Xiao
Powe Xiao
Formovie (Chongqing) Innovative Technology Co., Ltd.
4-401,#2 Longgang Road, Guojiatuo Area.,Jiangbei District, Chongqing China 400020
13602569387
xiaochun@formovie.cn

[pdf] Product Photos Label Agent Authorization

MiCOM Labs Inc QMS FCC Request for change in ID Formovie Chongqing Innovative Technology Co Ltd FM DS2 D 2AZNP 2AZNPFMDS2D fm ds2 d

Formovie Chongqing Innovative Technology Co., Ltd. Date: May 28, 2024 Federal Communications Com ... ant for Wupro Import Export Co., Ltd. , under FCC ID: 2BDIG-WS2123 with a Grant Date of 11/15/**2023** will remain in effect. An authorization letter from the original Grantee is attached. We attes...

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