Ushio CDXL-18SD

Ushio CDXL-18SD 1800W Xenon Projector Lamp User Manual

Model: CDXL-18SD | Brand: Ushio

Introduction

This manual provides essential information for the safe and effective use of the Ushio CDXL-18SD 1800W Xenon Projector Lamp. Please read this manual thoroughly before installation and operation to ensure proper handling, maximize lamp life, and maintain optimal performance.
The Ushio CDXL-18SD is a high-quality xenon lamp designed for use in compatible digital cinema projectors, providing bright and consistent illumination for professional projection environments.

Important Safety Information

WARNING: Xenon lamps operate under high pressure and temperature. Improper handling can result in serious injury or death. Always follow safety guidelines.

- **High Pressure:** The lamp contains gas under high pressure, even when cold. Handle with extreme care.
- **High Temperature:** The lamp operates at very high temperatures. Allow sufficient cooling time before handling.
- **UV Radiation:** Xenon lamps emit strong ultraviolet (UV) radiation. Avoid direct exposure to eyes and skin. Always use appropriate protective eyewear and clothing.
- **Electrical Shock:** Disconnect power to the projector and allow it to cool completely before attempting any installation or maintenance.
- **Explosion Hazard:** Do not drop, strike, or scratch the lamp. Any damage can lead to an explosion.
- **Disposal:** Dispose of used lamps according to local regulations for hazardous waste. Do not incinerate.

Always refer to your projector's specific service manual for detailed safety procedures related to lamp replacement.

What's in the Box

Upon opening the package, verify that all components are present and undamaged:

- Ushio CDXL-18SD 1800W Xenon Projector Lamp
- Instruction Manual (this document)
- Data Sheet



Image: Contents of the Ushio CDXL-18SD lamp box, including the lamp, data sheet, and instruction manual.



Image: Front view of the Christie Xenolite lamp packaging box.


UP
CHRISTIE 10
003-002742-01
CDXL-18SD
2022.10.10
YTZJ4524P
MADE IN PHILIPPINES
OZONE FREE
XENON SHORT-ARC LAMP

Image: Side view of the Christie Xenolite lamp packaging box, showing model number CDXL-18SD, serial number YTZJ4524P, part number 003-002742-01, and manufacturing details.

Setup and Installation

The Ushio CDXL-18SD lamp is designed for specific projector models. Always consult your projector's service manual for detailed, model-specific installation instructions. The following are general guidelines.

Pre-Installation Checks:

- Ensure the projector is completely powered off and disconnected from the main power supply.
- Allow the projector and the old lamp to cool down for at least 60 minutes to prevent burns.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, to protect against UV radiation and potential glass fragments.
- Confirm the new lamp is the correct model (CDXL-18SD) for your projector. Compatible projectors include: CP2215, CP2210, CP2000-M, CP2415-Xe.



Image: The Ushio CDXL-18SD Xenon lamp shown with its accompanying data sheet, detailing lamp specifications.



Image: Close-up view of the Ushio CDXL-18SD Xenon lamp, showing its structure and warning labels.

Installation Steps (General):

1. Locate the lamp access panel on your projector. This is typically secured with screws.
2. Carefully open or remove the access panel.
3. Unscrew any retaining clips or screws holding the old lamp in place.
4. Gently pull the old lamp straight out of its housing. Avoid twisting or forcing it.
5. Insert the new Ushio CDXL-18SD lamp into the housing, ensuring it is seated correctly. Do not touch the glass bulb with bare hands; use gloves or a clean cloth.
6. Secure the new lamp with the retaining clips or screws.
7. Close and secure the lamp access panel.
8. Reset the lamp timer in your projector's menu, if applicable, according to your projector's manual.

For visual guidance on compatible projectors, refer to the image below showing various Christie projector models and their compatible lamps.



Image: Catalog page illustrating various Christie projector models (CP2308, CP2215/CP2415-Xe, CP2220/CP2420-Xe/CP4220/CP4420-Xe, CP2230/CP4230) and their compatible Ushio Xenon lamps, including the CDXL-18SD.

Operating Instructions

Once the Ushio CDXL-18SD lamp is correctly installed, operate your projector according to its manufacturer's instructions. Observe the following general guidelines for optimal lamp performance:

- **Warm-up Period:** Allow the lamp to warm up for several minutes after turning on the projector to achieve full brightness and stable color.
- **Cool-down Period:** After turning off the projector, allow the cooling fans to run their full cycle. Do not disconnect power until the cooling process is complete. This is crucial for extending lamp life.
- **Avoid Frequent On/Off Cycles:** Repeatedly turning the lamp on and off can significantly reduce its lifespan.
- **Operating Wattage:** The lamp operates within a wattage range of 1260-1800W. Ensure your projector's power settings are within the recommended range.

Maintenance

Proper maintenance helps ensure the longevity and performance of your Ushio CDXL-18SD lamp.

Cleaning:

- Only clean the lamp housing and projector interior when the projector is off, unplugged, and completely cool.

- Use a soft, lint-free cloth to gently wipe away dust from the lamp housing and projector vents.
- Do not use abrasive cleaners or solvents on the lamp or projector components.
- Avoid touching the glass part of the lamp directly. If accidental contact occurs, clean with isopropyl alcohol and a lint-free cloth.

Lamp Life and Replacement:

- The lifespan of a xenon lamp is finite and varies based on usage conditions.
- Signs of a failing lamp include dimming, color shift, flickering, or the projector displaying a lamp error message.
- When replacing the lamp, always follow the safety and installation procedures outlined in this manual and your projector's service manual.

Troubleshooting

If you encounter issues with your Ushio CDXL-18SD lamp, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lamp does not light up.	Projector not receiving power. Lamp not installed correctly. Lamp timer not reset. Lamp has reached end of life. Projector internal fault.	Check power connections. Re-install lamp, ensuring it is fully seated and secured. Reset lamp timer in projector menu. Replace lamp. Consult projector service manual or qualified technician.
Image is dim or flickering.	Lamp nearing end of life. Dust accumulation on optical components. Projector power settings.	Replace lamp. Clean projector's air filters and optical path (refer to projector manual). Verify projector is set to appropriate power mode.
Projector displays a lamp error.	Lamp failure. Lamp compartment not closed properly. Internal sensor issue.	Replace lamp. Ensure lamp access panel is securely closed. Consult projector service manual or qualified technician.

If problems persist after attempting these solutions, contact a qualified service technician or refer to your projector's specific troubleshooting guide.

Specifications

Key technical specifications for the Ushio CDXL-18SD 1800W Xenon Projector Lamp:

Feature	Detail
Brand	Ushio
Model Name	CDXL-18SD
Light Type	Xenon

Feature	Detail
Wattage	1800 Watts (Operating range: 1260-1800W)
Rated Voltage	24V
Bulb Base	Prong
Light Color	White
Material Type	Glass
Special Feature	Long Lasting
Specific Uses	Projector bulb
Compatible Projectors	Christie CP2215, CP2210, CP2000-M, CP2415-Xe
UPC	048777712153
Manufacturer Part Number	5003197

For a comprehensive list of compatible lamps and models, refer to the product catalog image below.

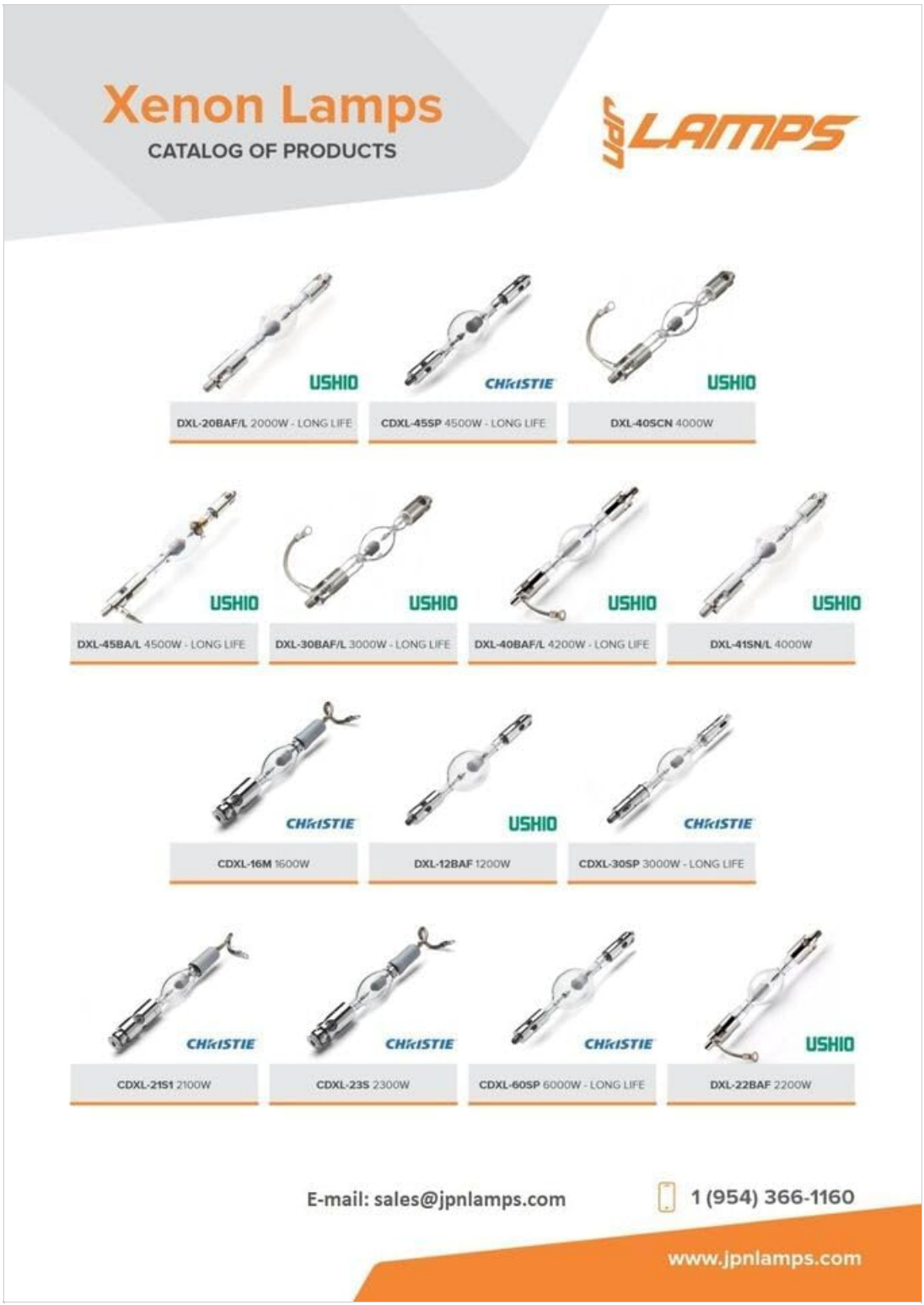


Image: Catalog page displaying a range of Ushio and Christie Xenon lamps, including models like DXL-20BAF/L, CDXL-45SP, DXL-40SCN, and others, with their respective wattages and descriptions.

Warranty Information

The manufacturer warranty for this product is N/a. Please refer to your point of purchase or the specific terms and conditions provided at the time of purchase for any applicable warranty details.

Customer Support

For technical assistance, service, or inquiries regarding the Ushio CDXL-18SD lamp, please contact your authorized dealer or the projector manufacturer's customer support. When contacting support, please have your lamp model number

(CDXL-18SD) and projector model information readily available.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question