

## Buff JD250W

# Buff 250W Modeling Lamp for Einstein Flash Unit Instruction Manual

Model: JD250W

## 1. PRODUCT OVERVIEW

The Buff 250W Modeling Lamp is designed as a user-replaceable component for the Einstein flash unit. This halogen quartz bulb serves as a continuous light source, aiding in previewing lighting setups before flash discharge. While a modeling bulb is typically included with a new flash unit, having a spare on hand is recommended for uninterrupted operation. Proper handling, including the use of gloves, is crucial to maintain the bulb's lifespan and performance.



Image 1.1: The Buff 250W Modeling Lamp, a clear halogen quartz bulb with a bayonet-style base, designed for the Einstein flash unit.

## 2. KEY FEATURES

- **Wattage:** 250 Watt Halogen Quartz bulb.
- **Base Type:** Bayonet style base for secure fitting.
- **Compatibility:** Specifically designed for the Einstein flash unit. Can also be used with retired Zeus standard and Bi-tube heads.
- **User-Replaceable:** Engineered for easy user replacement.
- **Lifespan:** Bulb lifespan is influenced by proper handling, power levels, and frequency of use.

### 3. INSTALLATION AND SETUP

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The modeling lamp for the Einstein flash unit is designed for user replacement. Follow these instructions carefully to ensure proper installation and to maximize the bulb's lifespan.

1. **Safety First:** Ensure the flash unit is powered off and unplugged from the electrical outlet before beginning the replacement process. Allow the unit and the old bulb (if present) to cool down completely if it has been in recent use.
2. **Wear Gloves:** Always wear clean gloves (e.g., cotton or latex) when handling the new modeling lamp. Oils from your hands can transfer to the bulb's glass surface, creating hot spots that can significantly shorten the bulb's lifespan or cause premature failure.
3. **Remove Old Bulb (if applicable):** Gently grasp the old bulb and twist it counter-clockwise (or pull straight out, depending on the specific Einstein model's socket design) to remove it from its socket. Dispose of the old bulb responsibly.
4. **Insert New Bulb:** Align the bayonet pins on the base of the new modeling lamp with the corresponding slots in the flash unit's socket. Gently push the bulb into the socket and twist clockwise until it locks securely into place. Do not force the bulb.
5. **Verify Installation:** Ensure the bulb is seated firmly and correctly in the socket.
6. **Power On:** Plug the flash unit back into the electrical outlet and power it on. Test the modeling lamp to confirm it illuminates correctly.

**Important: Failure to wear gloves during handling may result in damage to the bulb and void any potential warranty.**

### 4. OPERATING INSTRUCTIONS

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The 250W Modeling Lamp functions as a continuous light source within your Einstein flash unit. Its primary purpose is to provide a visual representation of the light pattern and shadows that will be cast by the flash, allowing you to adjust your lighting setup before taking a photograph.

- **Activation:** The modeling lamp is typically controlled via a dedicated switch or setting on the Einstein flash unit. Refer to your Einstein flash unit's manual for specific controls.
- **Brightness Adjustment:** Many Einstein units allow for adjustment of the modeling lamp's brightness, often proportional to the flash power setting or independently. Adjust as needed for your preview requirements.
- **Usage:** Use the modeling lamp to observe how light falls on your subject, identify hot spots, shadows, and overall light distribution. This helps in precise positioning of your flash unit and light modifiers.

### 5. MAINTENANCE AND CARE

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Proper maintenance ensures the longevity and optimal performance of your modeling lamp.

- **Handling:** Always handle the bulb by its base, not the glass envelope. If the glass is accidentally touched, clean it with a lint-free cloth moistened with rubbing alcohol before installation or use.

- **Storage:** Store spare bulbs in their original packaging in a cool, dry place to protect them from dust and physical damage.
- **Cleaning:** Do not attempt to clean the inside of the bulb. For the exterior, ensure the bulb is cool and use a dry, soft cloth if necessary.
- **Power Cycling:** Avoid rapid on/off cycling of the modeling lamp, as this can reduce its lifespan.

## 6. TROUBLESHOOTING

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If your modeling lamp is not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Modeling lamp does not light up.	<ul style="list-style-type: none"><li>• Bulb not properly seated.</li><li>• Bulb has reached end of life or is broken.</li><li>• Flash unit power issue.</li></ul>	<ul style="list-style-type: none"><li>• Ensure bulb is securely twisted into the socket.</li><li>• Replace the modeling lamp with a new one.</li><li>• Check flash unit's power connection and internal fuse (refer to flash unit manual).</li></ul>
Bulb burns out quickly.	<ul style="list-style-type: none"><li>• Oils from hands on glass.</li><li>• Frequent power cycling.</li><li>• Voltage fluctuations.</li></ul>	<ul style="list-style-type: none"><li>• Always wear gloves when handling. Clean bulb if touched.</li><li>• Avoid rapid on/off switching.</li><li>• Ensure stable power supply to the flash unit.</li></ul>

If issues persist after attempting these solutions, consult the manual for your Einstein flash unit or contact Buff customer support.

## 7. PRODUCT SPECIFICATIONS

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Specification	Detail
Brand	Buff
Model Number	JD250W
Light Type	Halogen
Wattage	250 watts
Bulb Shape Size	T (Tubular)
Light Color	Warm White
Number of Items	1
Power Source	Corded Electric (via flash unit)
Manufacturer	Paul C. Buff, Inc
UPC	850053181450

## 8. WARRANTY AND SUPPORT

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Specific warranty information for the Buff 250W Modeling Lamp is not provided within this manual. For details regarding

warranty coverage, terms, and conditions, please refer to the official Paul C. Buff, Inc. website or contact their customer support directly.

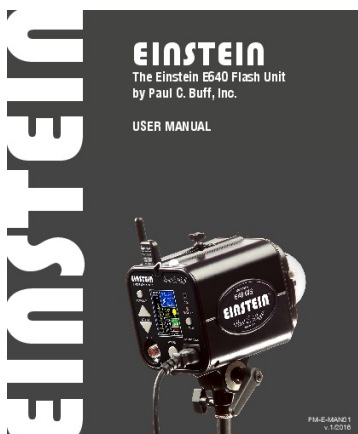
For technical support or further assistance with your Buff products, please visit the official Buff website or contact their customer service department. Contact information can typically be found on the manufacturer's website or within the original packaging of your Einstein flash unit.

You can visit the [Buff Store on Amazon](#) for more information on Buff products.



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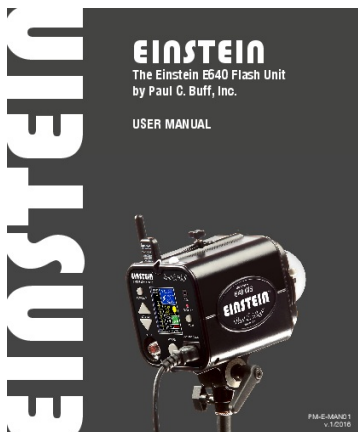
## Documents - Buff – JD250W



### [\[pdf\]](#) User Manual Instructions

Einstein™ Product Manual Paul C Buff EINSTEIN INSTEI The Einstein E640 Flash Unit by Inc USER MANUAL PM E MAN01 v 1 2016 Units are designed for professional photographic use As with all electronic equipment users must observe warnings and safety Q Why other flash units causing my unit to fire SAFETY WARNINGS precautions einstein e640 static webshopapp shops 041466 files 110668853 lensrentals product assets 0f9b098ecd14bf7ec399efe6fcd6dd50c4186cc paulcbuff manuals Flashunits INSTEI EINSTEIN The Einstein E640 Flash Unit by Paul C. Buff, Inc. USER MANUAL PM-E-MAN01 v.1/2016 ... dependent upon power levels and frequency of use. For future replacement needs, the part number is **JD250W** [www.paulcbuff.com/modelinglamps.php](http://www.paulcbuff.com/modelinglamps.php) . We also offer lower-wattage lamps in 150 Watt part # ...

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### [\[pdf\]](#) User Manual Instructions

EINSTEIN Paul C Buff Inc The Einstein E640 Flash Unit by USER MANUAL PM E MAN01 v 1 2016 EINSTEIN e640 paulcbuff manuals Flashunits srsItid AfmBOOpFBNG92IXY36LjsIkRUi9wg mNNLXpy9BhuF6ssLEIJ93croS9 IncEINSTEIN IncThe EINSTEIN DISPLAY FUNCTION As you adjust the power using ADJUST buttons should see flash and model bargraphs on LCD display go up or down paulcbuff mNNLXpy9BhuF6ssLEIJ93croS9paulcbuff AfmBOooGh5uyMJaMRpaR1f4IIIAOsNVozzJllmzyofkdaEFV9 eid6 down A full f stop change is a one digit before decimal point If your Light Settings steps required lights that communicate via CSR CSRB paulcbuff eid6paulcbuff AfmBOoq3NaukYk IN79J0jdwsbK9xgc97x1ci027yZHCM5mCU gpb7e ||| INSTEI EINSTEIN The Einstein E640 Flash Unit by Paul C. Buff, Inc. USER MANUAL PM-E-MAN01 v.1/2016 ... dependent upon power levels and frequency of use. For future replacement needs, the part number is **JD250W** [www.paulcbuff.com/modelinglamps.php](http://www.paulcbuff.com/modelinglamps.php) . We also offer lower-wattage lamps in 150 Watt part # ...

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