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EZVALO EchoA-Nero

EZVALO Smart LED Desk Lamp User Manual

Model: EchoA-Nero

1. Introduction

Thank you for choosing the EZVALO Smart LED Desk Lamp. This intelligent desk lamp is designed to provide optimal lighting for various activities, featuring advanced controls, eye protection, and energy-saving functions. Please read this manual carefully before use to ensure proper operation and maintenance.



Figure 1.1: EZVALO Smart LED Desk Lamp with App Interface

This image displays the EZVALO Smart LED Desk Lamp in its upright position, showcasing its sleek design. A smartphone screen next to it illustrates the lamp's accompanying mobile application, highlighting its smart control capabilities.

2. Key Features

- **PIR Motion Sensor:** Integrated sensor automatically detects your presence and turns off the lamp after 15 minutes of inactivity to conserve energy.
- **Eye Protection:** RG0 blue light risk-free and flicker-free illumination, providing soft and comfortable light for extended use.
- **Smart Dimming:** Features an 'Ai' button for automatic brightness adjustment based on ambient light conditions, ensuring optimal lighting throughout the day.
- **Adjustable Design:** The light bar can be adjusted up to 128 degrees, and the lamp head rotates 180 degrees, allowing for precise light direction.
- **Smart Control:** Seamlessly control the lamp via a dedicated smartphone application, or integrate with voice assistants like Amazon Alexa and Google Assistant.
- **High Color Rendering Index (CRI):** With a CRI of 90+, colors appear more natural and precise under the lamp's illumination.
- **Digital Clock:** An integrated digital clock display provides convenience.



Figure 2.1: Overview of Smart Features

This image highlights the key smart features of the EZVALO desk lamp, including voice control, app control, PIR sensor, night light, stepless dimming, 3 color temperatures, digital clock, and multi-angle adjustments.



Figure 2.2: Voice Control Functionality

A user is shown interacting with the lamp using voice commands through an Alexa device, demonstrating the lamp's compatibility with smart home ecosystems for convenient control.

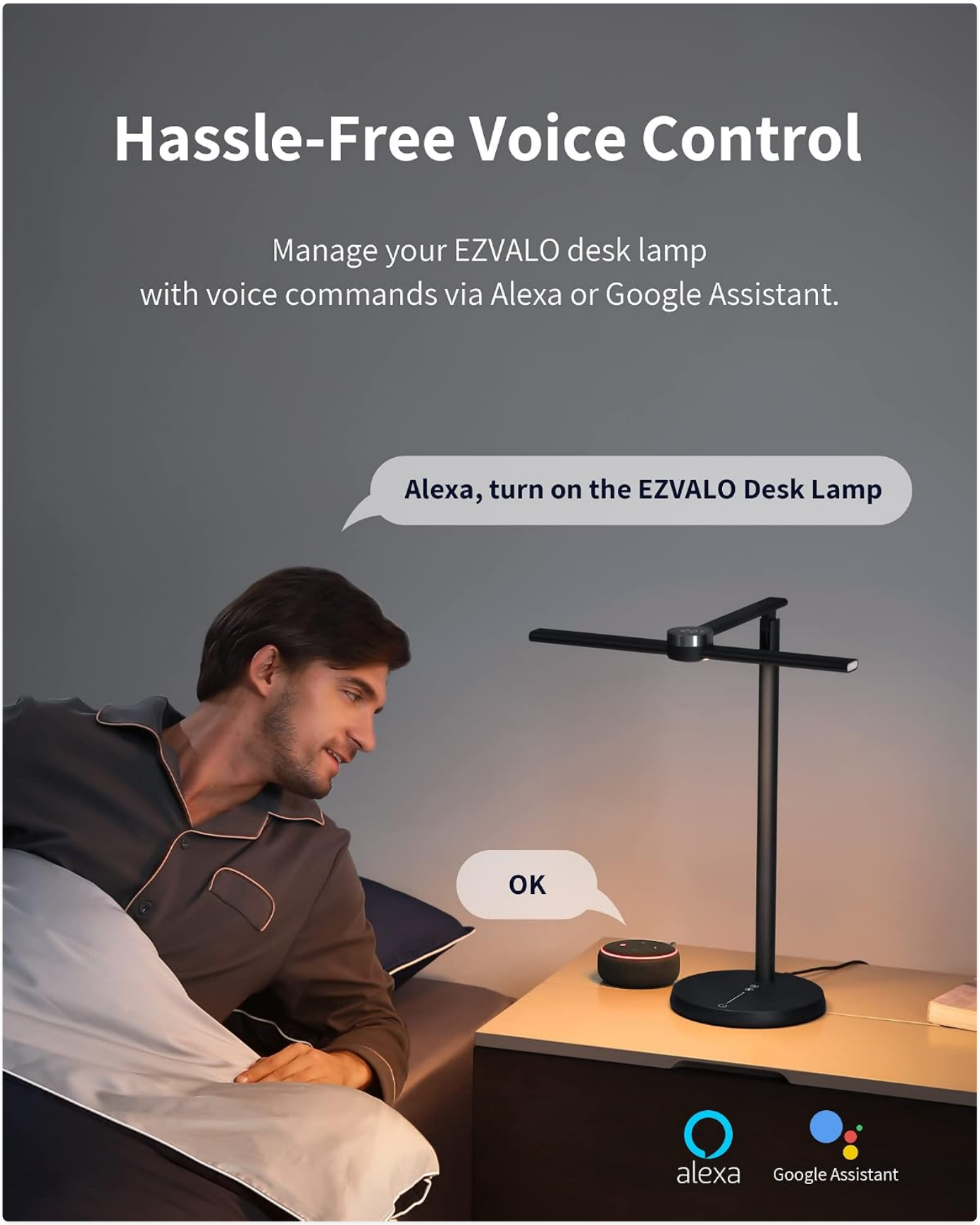


Figure 2.3: Smart APP Control

This image illustrates the mobile application interface for controlling the lamp, showing options for Wi-Fi connection, remote control, brightness adjustment, and color temperature selection.

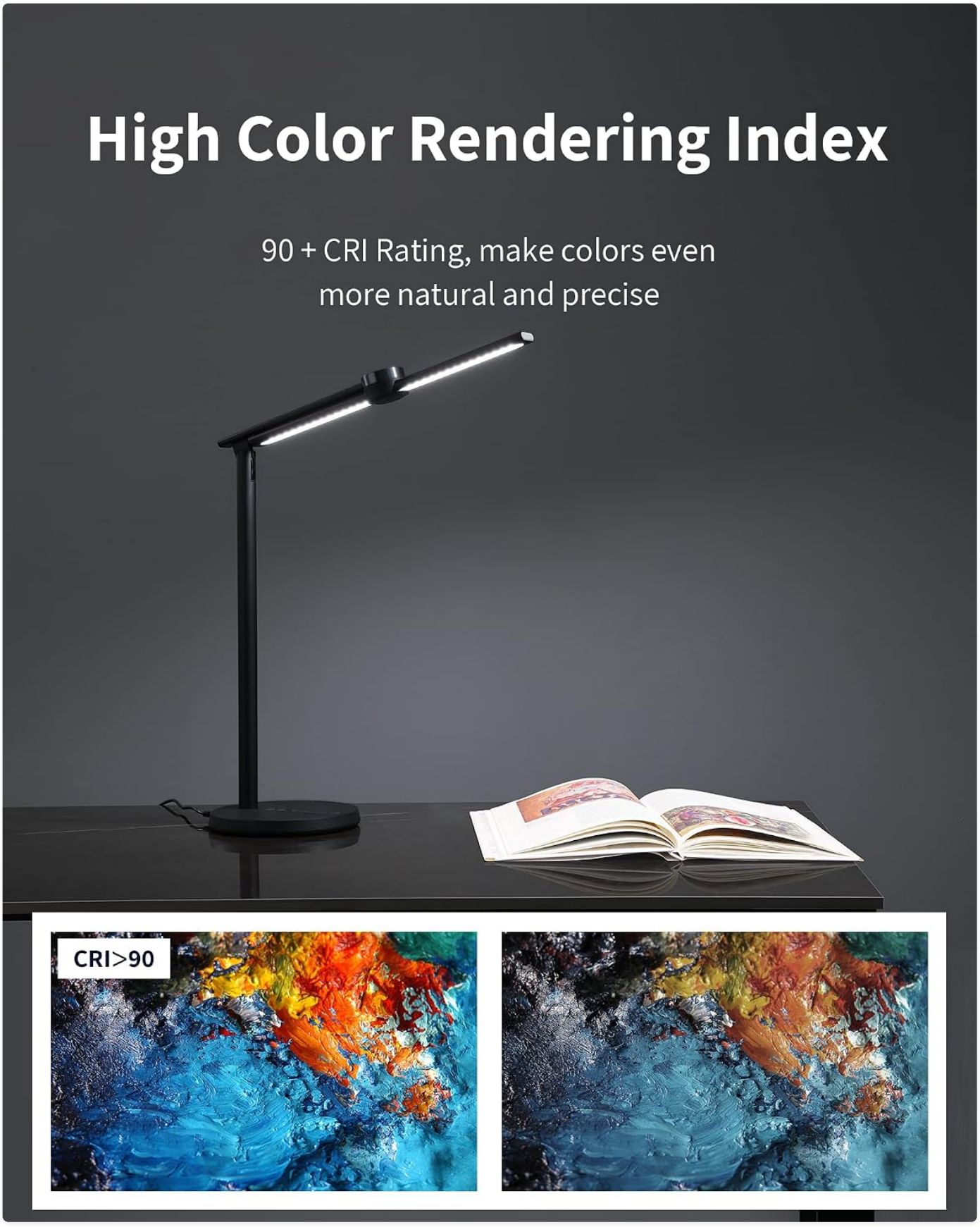


Figure 2.4: High Color Rendering Index (CRI)

The image demonstrates the lamp's high CRI (90+), showing how it renders colors more naturally and precisely, as evidenced by the vibrant depiction of a painting under its light.



Figure 2.5: Color Temperature and Brightness Adjustment

This visual guide shows the three available color temperature settings (2700K, 4000K, 6500K) and the stepless dimming capability from 10% to 100% brightness, illustrating the lamp's versatility.



Figure 2.6: Ai Smart Dimming Mode with Ambient Light Sensor

A detailed view of the lamp's ambient light sensor, which enables the Ai Smart Dimming Mode to automatically adjust brightness and temperature for the most suitable output.

3. Setup

1. **Unpacking:** Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present.

2. **Placement:** Place the lamp on a stable, flat surface, such as a desk or table, ensuring it is within reach of a power outlet.
3. **Power Connection:** Connect the power cable to the lamp's power input port, then plug the adapter into a standard electrical outlet.
4. **App Download (Optional):** For smart control features, download the EZVALO app from your smartphone's app store. Follow the in-app instructions to pair your lamp.
5. **Voice Assistant Integration (Optional):** If desired, link your EZVALO lamp to Amazon Alexa or Google Assistant through their respective apps, following their integration guides.

4. Operating Instructions

The lamp features a touch-sensitive control panel on its base and can also be controlled via the mobile app or voice commands.



Figure 4.1: Lamp Control Panel and Motion Sensor Detail

This image provides a detailed view of the lamp's touch control panel on its base and a close-up of the motion sensor located on the lamp arm, indicating their respective functions.

4.1. Touch Control Panel

- **On/Off Button ( ):** Touch to turn the lamp on or off.
- **Brightness Slider:** Touch and slide your finger along the vertical line to adjust the lamp's brightness continuously from 10% to 100%.
- **Color Temperature Button ( ):** Press to cycle through the three preset color temperatures: Cold (6500K), Neutral (4000K), and Warm (2700K). Press and hold for finer adjustment.
- **Smart Dimming (Ai) Button ( ):** Touch to activate or deactivate the automatic smart dimming function, which adjusts brightness based on ambient light.

4.2. Motion Detector

- The motion detector is located on the lamp arm.
- To activate or deactivate the motion detector, use the corresponding setting in the mobile app or the dedicated control on the lamp (refer to Figure 4.1).
- When active, the lamp will automatically turn on when motion is detected and turn off after 15 minutes of no detected motion.

4.3. App Control

Once paired, the EZVALO app allows for comprehensive control:

- Remote On/Off
- Precise Brightness Adjustment
- Custom Color Temperature Selection
- Timer Functionality
- Motion Sensor Activation/Deactivation

4.4. Voice Control

After linking with Alexa or Google Assistant, use voice commands such as:

- "Alexa, turn on the EZVALO Desk Lamp."
- "Hey Google, set EZVALO Desk Lamp brightness to 50%."
- "Alexa, change EZVALO Desk Lamp to warm white."

5. Maintenance

- **Cleaning:** Always unplug the lamp before cleaning. Use a soft, dry cloth to wipe the lamp's surface. Do not use abrasive cleaners, solvents, or harsh chemicals, as they may damage the finish.
- **Storage:** If storing the lamp for an extended period, ensure it is clean and dry. Store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. Do not attempt to disassemble the lamp to replace bulbs.

6. Troubleshooting

Problem	Possible Cause	Solution
Lamp does not turn on.	No power supply; Lamp not plugged in; Power outlet faulty.	Ensure the power cable is securely connected and plugged into a working outlet. Try a different outlet.
App cannot connect to the lamp.	Wi-Fi network issue; Incorrect pairing process; Lamp is too far from router.	Ensure your Wi-Fi is 2.4GHz. Restart the lamp and your router. Follow the app's pairing instructions carefully. Move the lamp closer to the router.
Motion sensor not working.	Sensor is deactivated; Obstruction in sensor's field of view.	Check the app or lamp controls to ensure the motion sensor is activated (Green status). Clear any objects blocking the sensor.

Problem	Possible Cause	Solution
Brightness/Color temperature cannot be adjusted.	Controls are locked; Smart Dimming (Ai) mode is active.	Ensure no lock function is enabled in the app. Deactivate the Smart Dimming (Ai) mode if you wish to manually adjust.

7. Specifications

Specification	Detail
Brand	EZVALO
Model Number	EchoA-Nero
Product Dimensions (L x W x H)	41 x 19 x 9 cm
Item Weight	1.47 Kilograms
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminium
Style	Modern
Color	Echo A (Dark Grey/Black)
Power	8.5 Watt-hours
Voltage	230 Volts
Bulb Type	LED (Integrated)
Color Rendering Index (CRI)	90.00
Special Features	Motion detector, Smart Dimming, APP Control, Voice Control
Energy Efficiency Class	F
EPREL Product Page	View EPREL Data

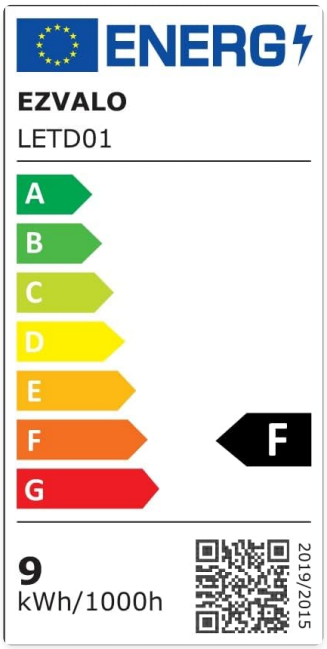


Figure 7.1: EU Energy Label

This image displays the EU energy label for the EZVALO LEDTD01 lamp, indicating its energy efficiency class F and energy consumption of 9 kWh/1000h.

8. Warranty and Support

EZVALO is committed to providing high-quality products and excellent customer service.

- **Customer Service:** Our customer support team is available Monday to Friday, 9 AM - 5 PM (MEST). Please refer to your purchase documentation for specific contact details.
- **Safety Compliance:** This product complies with global safety standards. We prioritize your safety and the security of your property.

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