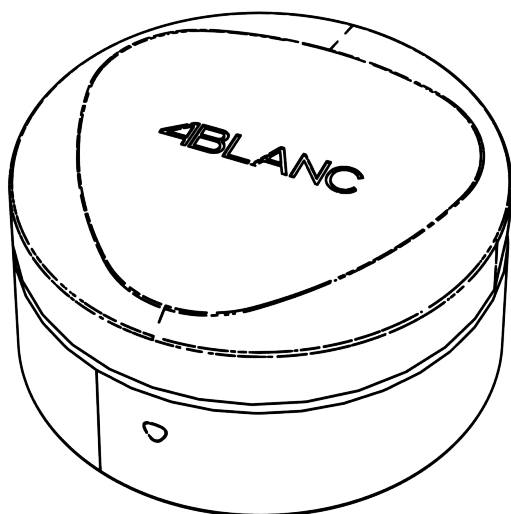




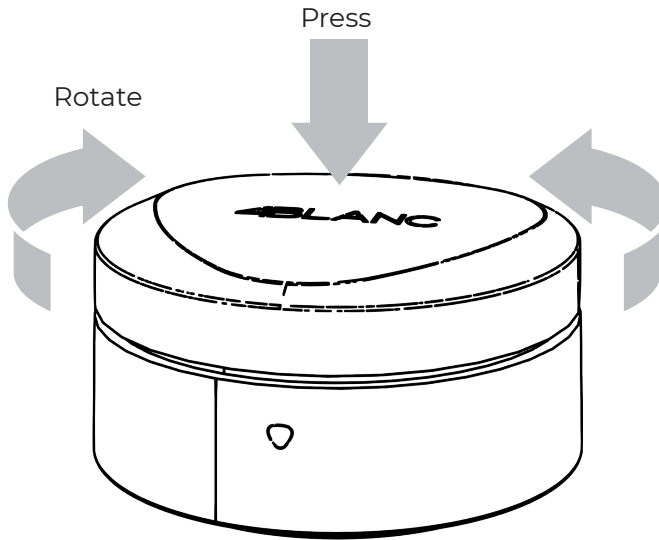
4BLANC®
SMART REMOTE CONTROL
(RC433N51)

User Manual

CONTENT OF THE BOX

Smart Remote Control	1pc
Type-C Cable	1pc
1.5V AAA batteries	2pcs

General view of the device



General Remote Control Functions

All commands utilize a rolling code for secure communication.

- **Single Short Press (Button):** Powers the device ON/OFF and can be used to Switch Functions or cycle between modes (Mode Cycling).
- **Long Press (Button):** Performs a function dependent on the connected device (used for pairing).
- **Quick Double Press (Button):** Initiates Quick Power Off (specifically for Maestro™ 2.0 / Zephyr™).
- **Rotate Clockwise (Knob):** Used to Increase Power, Intensity, or Suction on the connected device.
- **Rotate Counter-Clockwise (Knob):** Used to Decrease Power, Intensity, or Suction on the connected device.
- **Press and Rotate (Button + Knob):** Performs functions dependent on the connected device (often used for secondary settings like Color Tone).

Getting Started

The **4BLANC®** Smart Remote Control is ready to enhance your professional workspace.

Compatibility:

The remote is designed to be universally compatible with the following **4BLANC®** devices:

- Maéstro™ 2.0
- Zephyr™
- Reuleaux™
- Penn™

Important Usage Notes:

Non-Waterproof: This product is not waterproof. Do not use it in damp or humid environments.

Temperature Avoidance: Do not install this product near heat sources or locations with extreme temperature fluctuations, such as AC vents, heaters, or humidifiers.

No Disassembly: Do not attempt to disassemble this product yourself, as this may cause damage to the internal components and will void the warranty.

Pairing & Memory Function

The Smart Remote must be paired with your 4BLANC® device before use. The remote will automatically remember the last device it was paired with.

Important Pairing Rules:

- **One-to-One Control:** One remote can only pair with one device at a time. Once paired, only this specific remote controller can control the device.
- **Automatic Replacement:** Pairing a new remote with a device will automatically replace and unpair the previous remote linked to that device.

Pairing & Unpairing (Universal)

The pairing and unpairing process is identical for all compatible devices (Maestro™ 2.0, Zephyr™, Reuleaux™ Lamp, and Penn™ Lamp).

1. **Preparation:** Ensure your device (Lamp or Dust Collector) is plugged in and ready to receive a signal.
2. **Enter Pairing Mode:** Press and hold the Pairing Button on the side or back of your **4BLANC®** device until the device's light or indicator begins to flash (refer to the device-specific manual for exact button location).
3. **Initiate Pairing on Remote:** While the device is flashing, perform a Long Press on the remote's central button. The remote's white LED will flash briefly.
4. **Confirmation:** The device will stop flashing and turn solid ON to confirm successful pairing.
5. **Unpairing:** To unpair, repeat steps 2 and 3. The device will typically flash and then turn OFF to confirm unpairing.

Operation

The remote features a central **Button** and a **Rotary Knob** for versatile control.

Battery & Indicator Status

The remote requires two 1.5V AAA batteries. The built-in LED indicator communicates the battery status when you use a control function:

- **Normal Power (> 2.4V):** The indicator lights up White.
- **Low Battery (2.2V - 2.4V):** The indicator lights up Red. Please recharge / replace the batteries soon.
- **Battery Depleted (< 2.2V):** The remote will not transmit commands, and the indicator light will not turn on. Recharge / replace the batteries immediately.

Control Functions by Device Type

A. Nail Dust Collectors (Maestro™ 2.0 and Zephyr™)

- **Single Short Press:** Powers ON or cycles between preset fan speeds/modes.
- **Rotate Clockwise:** Increase Suction (Fan Speed).
- **Rotate Counter-Clockwise:** Decrease Suction (Fan Speed).
- **Quick Double Press:** Quick Power OFF (Turns off immediately from any mode).

B. Lamps (Reuleaux™ and Penn™)

- **Single Short Press:** Powers the lamp ON/OFF.
- **Rotate Clockwise:** Increase Brightness (Intensity).
- **Rotate Counter-Clockwise:** Decrease Brightness (Intensity).
- **Press and Rotate:** Adjust Color Tone/Temperature.
- **Quick Double Press:** Quick Power OFF (Turns off immediately from any mode).

IMPORTANT SAFETY INSTRUCTIONS

***READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL
BEFORE USING THIS APPLIANCE***



WARNING

These warnings apply to the device and any removable attachments, accessories, and power adapters where applicable.

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY:

Children aged 14 and above, persons with physical, sensory, or mental limitations, and those lacking experience or knowledge can use the 4BLANC® device only under supervision or after receiving instructions on safe use from a responsible person, provided they understand the risks involved.

Cleaning and maintenance should not be performed by children. This device is not a toy. Be very vigilant when using the device near children. Operation by children is allowed only under constant adult supervision. Do not allow children to play with the device.

Do not perform maintenance work other than specified in this manual or recommended by 4BLANC® specialists.

Use only in dry locations. Do not use outdoors or on wet surfaces.

Do not touch the device with wet hands.

If the device is not working properly, is damaged, wet, has fallen into water, or if there is a smell of burning or smoke, do not use it. Contact 4BLANC® Customer Support for repair or replacement instructions.

For maintenance or repair, contact 4BLANC® Customer Support. Do not disassemble the device yourself to avoid the risk of fire or electric shock.

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note. 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. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

CARE FOR YOUR 4BLANC® DEVICE

Store the device in a heated room. Do not use or store the device at temperatures below 3°C (37.4°F). Allow the device to warm up to room temperature before use.

CLEANING AND MAINTENANCE

Do not perform maintenance or repair of the device unless specified in the user manual or recommended by 4BLANC® specialists.

WARRANTY

Your 4BLANC® device is under warranty from the date of purchase according to the terms and conditions stated in this user manual. If you have any questions, please contact info@4blanc.com

To check your device warranty conditions, please go to www.4blanc.com. Scroll down and click on Warranty.

If any questions or service's required please provide the customer support with the purchase date, location and your order number.

The warranty is valid from the moment you receive the 4BLANC® product. If the date of receipt cannot be determined, the warranty period starts from the date of shipment to the buyer.

4BLANC® guarantees the lamp's operation for 12 months from the date of transfer to the customer*

*May vary depending on the country of purchase.

WHAT THE WARRANTY COVERS

Repair of the 4BLANC® product in case of factory defect or failure during the warranty period.

The decision to replace the product is made by the 4BLANC® Technical Support Team. If certain parts are discontinued at the moment of repair/replacement, 4BLANC® specialists will replace defective parts with the new functional ones.

Repairs must be carried out only by the authorized repair services. You can submit a repair request or get information about service centres by contacting our Customer Support Team via info@4blanc.com or by visiting www.4blanc.com.

When presenting the product for repair, do not forget to provide the purchase receipt.

WHAT THE WARRANTY DOES NOT COVER

Repair, replacement of units and components subject to natural wear during operation, including: power cords, filters, rollers, and wheels, as well as all associated elements.

Damage to the product caused by careless handling during storage or operation in violation of the operating instructions: cracks, scratches, chips, scuffs, deformation, tears, and stretching of components, traces of chemical and thermal effects.

Malfunctions caused by unstable electrical network parameters that do not meet established standards in the country of delivery.

Storage or use in humid environments with more than 90% humidity and/or at temperatures below 0°C (32°F) or above 60°C (140°F), outdoor use.

Malfunctions caused by traces of insects on the internal components of the machine.

Service requests if unauthorized modifications have been made to the product by individuals other than those recommended by 4BLANC®.

Malfunctions due to the use of the product with devices (e.g., extension cords, voltage stabilizers, etc.) that are not original 4BLANC® accessories.

Use of the product outdoors.

Other malfunctions caused by circumstances beyond the control of 4BLANC®.

DISPOSAL INFORMATION

4BLANC® products are made from recyclable materials. Whenever possible, return the device for recycling.

This product should not be disposed of with household waste.

To avoid environmental pollution or harm to human health, recycle the product responsibly to ensure the environmentally safe reuse of material resources.

DEAR CUSTOMER!

4BLANC® Team thanks you for choosing a quality and reliable product of our brand and guarantees you a high level of service.

The manufacturer reserves the right to make changes to the design, configuration, or manufacturing technology of the product without prior notice to the customer to improve its properties.

For our Lamps we use only top quality Light Emission Diodes manufactured Samsung Electronics Co. Ltd.

TECHNICAL SPECIFICATIONS

Model Number:	RC433N51
Product Material:	Iron + ABS
Product Dimensions:	ø 69 mm x 36.45 mm
Net Weight:	120g
Light Source:	LED Indicator
Color:	White
Rated Voltage:	3V (powered by two 1.5V AAA batteries in series).