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RE DUX

530-0020 v1.0
Instruction for use for DryBUDDY included with UDC



UDC DryBUDDY™ FOR PORTABLE USE

www.redux.com

USER MANUAL





Welcome to the DryBUDDY™ experience!

This manual lays out how to use the UDC DryBuddy that was included with your UDC DryCharge for portable use.

DryBUDDY™ is designed to protect what matters most: your devices. Our innovative, heat-free drying system uses advanced Electronic Rice™ technology to safely remove moisture from phones, hearing aids, earbuds, and other delicate electronics.

We combine smart sensors, reusable materials, and precision engineering to make moisture recovery simple, fast, and reliable.

Please read this manual carefully before first use and keep it for future reference. Your feedback helps us improve every detail. For support or comments, contact us at support@redux.com.

Protect. Reactivate. Reuse.

— The DryBUDDY™ Team —

DESIGNED AND ENGINEERED IN THE USA



Product Overview

DryBUDDY™ is a portable, heat-free moisture-removal system designed to rescue and protect small electronic devices such as smartphones, hearing aids, earbuds, cochlear implants, and other hearables. It uses Electronic Rice™ desiccant beads to gently absorb moisture without heat. The built-in monitoring system tracks drying progress. It also indicates when reactivation is required, ensuring reliable, reusable performance. Keep DryBUDDY™ installed in your UDC with lid closed when not in use so it does not continue absorbing ambient moisture.

Warnings & Precautions

INGESTION HAZARD • DEATH or serious injury can occur • A swallowed button cell or coin battery can cause internal chemical burns in as little as 2 hours • KEEP new and used batteries OUT OF REACH OF CHILDREN • Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body • For treatment information call: National Battery Ingestion Hotline, 1-800-498-8666 • Keep in original package until ready to use • Immediately dispose of used batteries and keep away from children • Do NOT dispose of batteries in household trash • Product should not be disassembled • Contains Silica Gel Desiccant • Choking Hazard — DO NOT EAT

Safety Information

Read all safety information before use. Failure to follow these instructions may result in injury or damage.

Electrical & Fire Safety

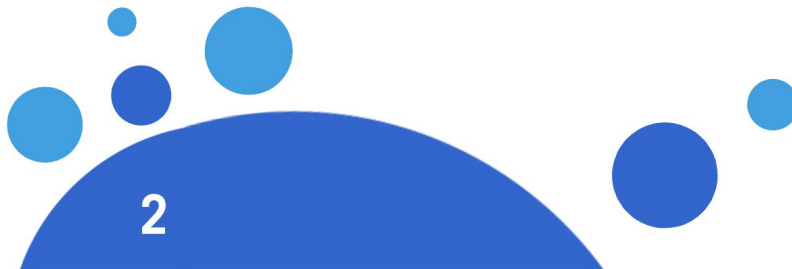
- Do not immerse DryBUDDY™ in water.
- Do not disassemble; no user-serviceable parts.

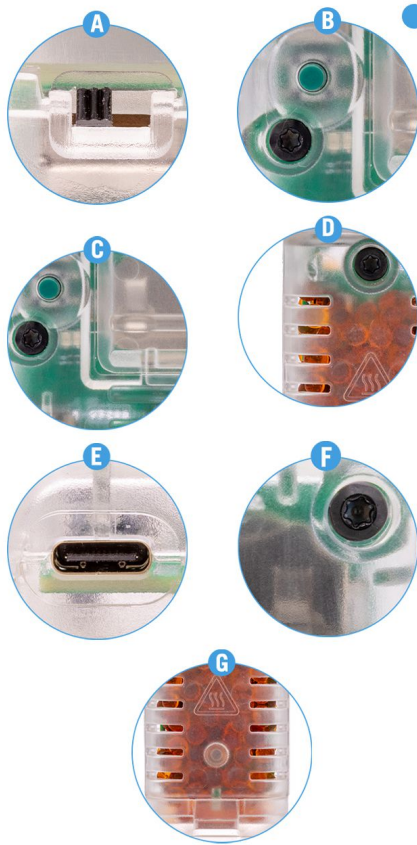
Heat & Handling Safety

- Make sure the DryBUDDY™'s moisture absorption slots are not blocked or completely covered when placed inside the air-tight bag. If the moisture absorption slots are obstructed, the device cannot effectively remove moisture.

Keep for Reference

- Retain this manual for future use. Do not discard. It includes detailed instructions and troubleshooting information.





Product Components

Component	Label	Description
Power Switch	A	Slide the ON/OFF switch to power DryBUDDY™ on or off.
Green Start Button	B	Press to begin the monitoring process when the Power Switch is ON.
LED Indicator	C	Dual-color LED (green/red) displays drying and reactivation status. See LED Indicator Guide, page 8.
Electronic Rice™ Chamber	D	Contains the moisture-absorbing Electronic Rice™ beads. These beads are sealed within the chamber and can be reactivated when saturated.
USB-C Port	E	Connection port for communication with UDC.
Battery Compartment	F	Holds one CR2032 coin cell battery secured behind a screw-lock cover. The battery powers DryBUDDY™'s monitoring function.
Moisture Absorption Slots	G	Vents located on the bottom of the device. Do not block or cover these openings during operation.

Quick Start Instructions

Power On

Slide the **Power Switch** to **ON**, to begin the monitoring process before placing **DryBUDDY™** into the air-tight bag.

Load Devices

Place your wet devices (phones, earbuds, hearing aids, etc.) into the Redux™ air-tight bag along with **DryBUDDY™**. Do not overfill air-tight bag items should rest loosely around the unit.

Seal and Monitor

Seal the air-tight bag completely. The **green LED** will blink to indicate active monitoring of moisture removal.



LED Indicator Guide

State	Green LED	Red LED	Meaning / Action
Monitoring	Blinking	OFF	DryBUDDY™ is actively monitoring moisture levels inside the air-tight bag. A typical drying cycle lasts 3-6 hours, depending on the amount of moisture present. The unit automatically goes to sleep off after 20 hours.
Dry Complete	Solid ON	OFF	The monitored devices are dry. The green LED remains ON for several hours after completion, then turns off automatically. Remove your devices and slide the Power Switch to OFF as the DryBUDDY™ goes to sleep to save battery life.
Sleep	OFF	OFF	If the switch is left ON and both lights are off, the DryBUDDY™ has gone to sleep. Slide the Power Switch to OFF to fully power down and conserve the CR2032 battery.

Reactivation
Required

OFF

Solid ON

Follow UDC instructions for reactivation.

Sensor Fault

Solid ON

Solid ON

Turn power switch OFF, wait 10 seconds, then power ON again. If the issue persists, contact Redux™ Support at support@redux.com.

Initial Setup

Power Source

- **Battery:** A CR2032 coin cell battery comes pre-installed. It powers the monitoring function during use inside the air-tight bag.

Electronic Rice™

When new or freshly reactivated, the Electronic Rice™ beads appear bright orange. As they absorb moisture, they gradually darken indicating it's time for reactivation.

Starting a Dry Cycle

Follow these steps carefully to ensure optimal drying performance.

Power On DryBUDDY™

- Slide the Power Switch to ON, to activate the monitoring process before placing it inside the air-tight bag. DryBUDDY™ uses Electronic Rice™ and will always absorb moisture. It is important to keep DryBUDDY™ in its air-tight bag, or keep it installed in the UDC with lid closed.

Insert Devices

- Place your wet electronic devices such as phones, earbuds (e.g., AirPods), or hearing aids inside the air-tight bag along with the powered-on DryBUDDY™ unit.
- Ensure your devices are powered OFF before sealing the bag.

Check the Seal

- Close the air-tight bag securely. A blinking green LED indicates that monitoring has started successfully.

Drying Process

- Typical drying time is 3–6 hours, depending on the size of the device and the amount of moisture present. When drying is complete, the green LED will turn solid and remain lit for several hours before automatically turning off as the DryBUDDY™ goes to sleep. After drying, turn the Power Switch OFF and reinstall DryBUDDY™ into the UDC with lid closed.



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Completing the Dry Cycle

Automatic Stop

- **DryBUDDY™** stops monitoring automatically once moisture removal is complete—or after **20 hours**, whichever comes first.
- A typical drying cycle lasts **3–6 hours**, depending on the size of the device and the amount of the moisture present .

Dry Complete Indicator

- When drying is complete, the **green LED** turns solid for several hours, then turns off automatically. This indicates that **DryBUDDY™** no longer detects moisture and your devices are safe to use.
- After use, slide the **Power Switch** to **OFF** to conserve battery life.

Remove Devices

- Once the green LED is solid or turns off, remove your devices from the Bag.

Storage Tip

- Install in **UDC** with lid closed.

Electronic Rice™ Health

Reactivation Required Alert

- If a solid red LED appears, it means the Electronic Rice™ beads are saturated and cannot absorb any more moisture.
- Reinstalled **DyBuddy™** into the **UDC**.
- Follow **UDC** instructions for reactivation.



Troubleshooting

Problem	Possible Cause	Solution
Device won't power on	Dead/missing CR2032	Replace battery and restart.
Red LED solid	Beads saturated	Perform Reactivation Procedure.
Both LEDs solid	Sensor fault	Power OFF, wait 10seconds, restart.

Cleaning & Maintenance

- Turn OFF before cleaning.
- Wipe exterior with a dry cloth.
- Do not use liquids or abrasive materials.
- Installed in UDC with lid closed.

Battery Handling & Replacement

The DryBUDDY™ is powered by a single CR2032 coin cell battery, which supports the monitoring function during use. The battery is not rechargeable.

When to Replace the Battery

- Replace the battery if DryBUDDY™ does not power ON or the LEDs fail to illuminate when switched ON.
- Always turn OFF the unit when not in use to conserve battery life.

How to Replace the Battery

- **Turn Power OFF:** Slide the Power Switch to OFF before replacing the battery.
- **Locate the Battery Compartment:** The battery compartment is located on the front of the DryBUDDY™.
- **Remove Screw:** Use a small Phillips screwdriver to remove the upper-right screw securing the battery door. Do not remove any other screws.
- **Replace Battery:** Remove the old CR2032 coin cell and insert a new one, positive (+) side facing up.

- **Secure Battery Door:** Reattach the door and tighten the screw gently. Do not overtighten.
- **Test the Unit:** Slide the Power Switch to ON to confirm the LEDs light up correctly.

Disposal & Recycling

For DryBuddy

- Do not dispose of DryBUDDY™ or its accessories with household waste.
- Take the DryBUDDY™, to an approved e-waste recycling center for proper disposal.

Battery

- Remove the CR2032 coin cell battery before disposing of DryBUDDY™.
- Dispose of used batteries separately at a certified battery collection or recycling facility, following local regulations.

How to Obtain Support

1. Keep proof of purchase (such as a receipt).
2. Contact Redux™ Support at support@redux.com for assistance.
3. Follow the instructions provided by the Support Team for warranty or service requests.

Condition

Specification

Operating Temperature

Operates between 5° C and 40° C (41° F to 104° F).

Storage Temperature

Store between -20° C and 60° C (-4° F to 140° F) in a dry environment.

Operating Humidity

Functions effectively in non-condensing environments with 0-90% relative humidity.

Manufacturer Information

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*U.S. Patent Nos. 12,215,925; 12,276,454; 12,281,847.
Additional U.S. & international patents pending.*

