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› [REVASRI](#) /

› [REVASRI Laser Distance Measurer DE-KL20 User Manual](#)

REVASRI DE-KL20

REVASRI Laser Distance Measurer User Manual

Model: DE-KL20

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your REVASRI Laser Distance Measurer, Model DE-KL20. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

SAFETY INFORMATION

Laser Radiation: This device emits Class 2 laser radiation. Do not stare directly into the laser beam. Avoid direct eye exposure. The laser output is less than 1mW at 635nm.

- Do not attempt to modify the device. Unauthorized modifications can lead to laser radiation exposure.
- Keep the device out of reach of children.
- Do not use the device in explosive environments or near flammable materials.
- Ensure the battery compartment is securely closed to prevent water or dust ingress.

PACKAGE CONTENTS

Verify that all items are present in the package:

- REVASRI Laser Distance Measurer × 1
- Packaging Box × 1
- Portable Keychain × 1
- User Manual × 1
- AAA Alkaline Batteries × 2

PRODUCT OVERVIEW

The REVASRI Laser Distance Measurer is designed for simple and accurate measurements. It features a clear display and intuitive two-button operation.



Image: Front view of the REVASRI Laser Distance Measurer, highlighting its two buttons (Measure and Function/Units) and the digital display showing measurement values.

Key Features:

- **Clear Display Interface:** Provides easy-to-read measurement results.
- **Two-Button Operation:** Simplifies usage for distance and area measurements.
- **Compact Design:** Small and lightweight for portability.
- **Ergonomic Grip:** Designed for comfortable handling.

Conçu pour votre corps



Comfort

work better

Image: A hand comfortably holding the REVASRI Laser Distance Measurer, demonstrating its ergonomic design for improved grip and ease of use.

SETUP

1. Battery Installation

The device requires two AAA alkaline batteries (included).

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover open.
3. Insert the two AAA batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.

Note: Remove batteries if the device will not be used for an extended period to prevent leakage.

OPERATING INSTRUCTIONS

The REVASRI Laser Distance Measurer features two main buttons for all operations.



Image: The laser distance measurer emitting a red laser beam towards a wall, demonstrating its use for taking measurements.

1. Power On/Off

- **Power On:** Press the **MEAS** button once to turn on the device and activate the laser.
- **Power Off:** Press and hold the **MEAS** button for 5 seconds to turn off the device. The device will also automatically power off after 30 seconds of inactivity.

2. Single Distance Measurement

1. Turn on the device by pressing the **MEAS** button. The laser will activate.

2. Aim the laser beam at the target point.
3. Press the **MEAS** button again to take a single measurement. The measured distance will be displayed on the screen.

3. Continuous Measurement Mode

This mode allows for dynamic measurement, displaying real-time distance as you move the device.

1. Turn on the device.
2. Press and hold the **MEAS** button for 3 seconds. The device will enter continuous measurement mode, and the display will update in real-time.
3. To exit continuous measurement mode, press the **MEAS** button once.

4. Area Measurement

The device can calculate the area of a rectangular space.

1. Turn on the device.
2. Press and hold the **/UNITS** button for 3 seconds to switch to area measurement mode. An icon indicating area measurement will appear on the display.
3. Measure the first side (e.g., length) by aiming the laser and pressing **MEAS**.
4. Measure the second side (e.g., width) by aiming the laser and pressing **MEAS** again.
5. The calculated area will be displayed on the screen.
6. To exit area measurement mode, press the **/UNITS** button once.

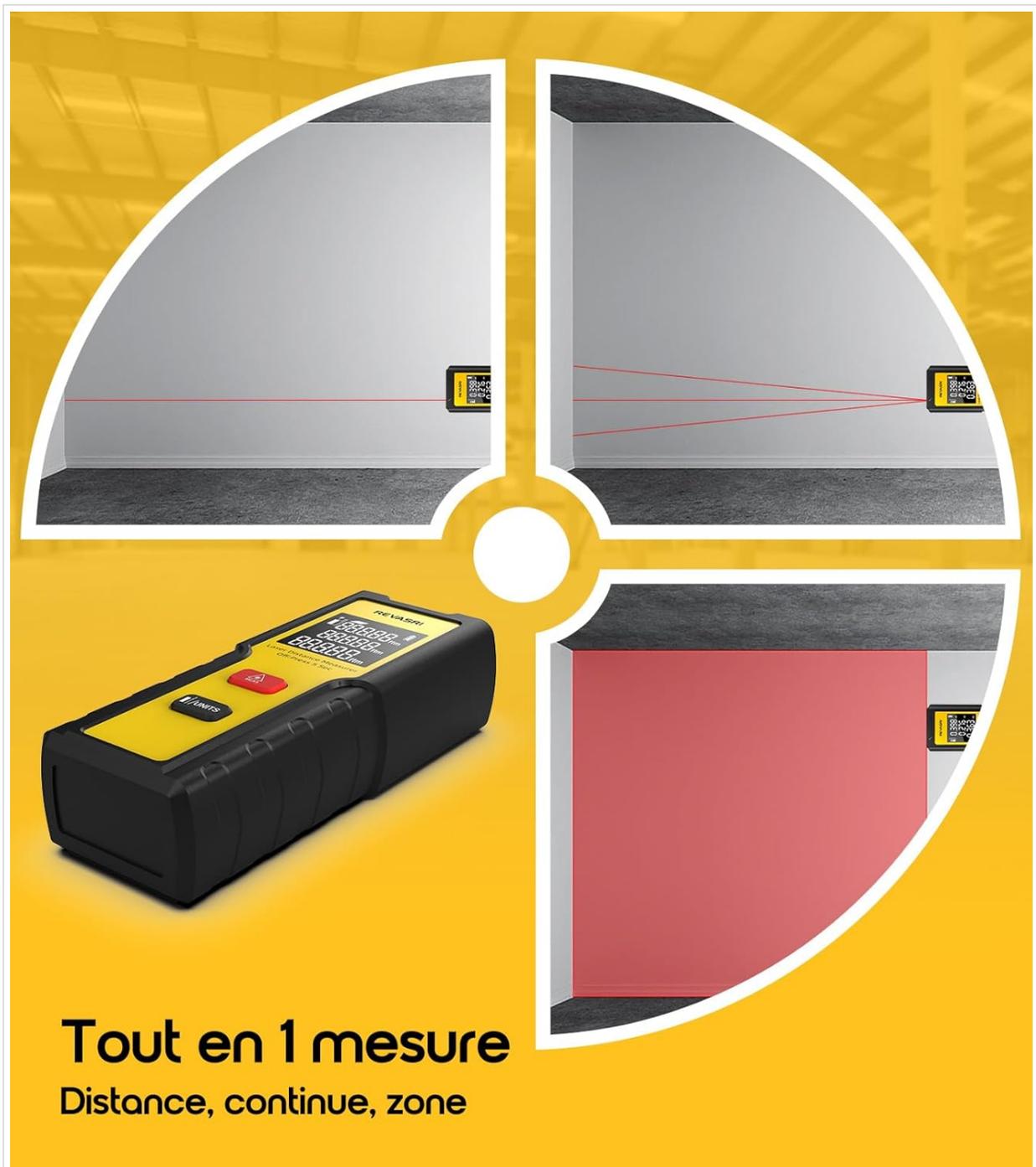


Image: A diagram illustrating how to perform distance measurement (single line) and area measurement (two lines forming a rectangle) using the device.

5. Switching Measurement Units (Meters/Feet)

The device supports switching between meters (M) and feet (F).

- Press and hold the **/UNITS** button for 5 seconds. The unit displayed on the screen will change (e.g., from 'm' to 'ft').

6. Changing Measurement Reference Point

The device can measure from its front or rear edge.

Deux possibilités de mesure



Fonctionnement de référence avant:
la valeur de mesure ne comprend pas
la longueur du corps



Fonctionnement de référence arrière:
Valeur de mesure incluant la longueur
du corps



La mesure peut être affichée en m, ft

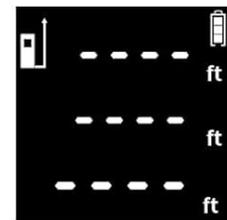
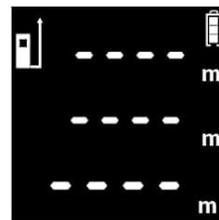


Image: Diagrams illustrating the two measurement reference points: measuring from the front edge (excluding device length) and measuring from the rear edge (including device length). Also shows unit display options for meters and feet.

- **Front Reference:** The measurement starts from the front edge of the device. The device's length is not included in the measurement. This is typically the default setting.
- **Rear Reference:** The measurement starts from the rear edge of the device. The device's length is included in the measurement.
- To switch the reference point, refer to the specific instructions in the included paper manual, as this function is usually tied to a specific button press combination not explicitly detailed in the feature bullets for this model.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- **Lens Care:** The laser lens is sensitive. Clean it gently with a soft cloth, similar to cleaning camera

lenses.

- **Storage:** Store the device in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Batteries are dead or incorrectly installed.	Check battery polarity or replace with new AAA batteries.
Inaccurate measurements.	<ul style="list-style-type: none">• Laser beam obstructed.• Measuring highly reflective or transparent surfaces.• Device not held steady.• Extreme environmental conditions (e.g., strong sunlight).	<ul style="list-style-type: none">• Ensure clear line of sight.• Use a target plate for difficult surfaces.• Hold the device firmly or use a stable surface.• Measure in shaded areas or indoors if possible.
Laser does not activate.	Device in standby mode or low battery.	Press MEAS button. Check/replace batteries.

SPECIFICATIONS

Feature	Detail
Model Number	DE-KL20
Measurement Range	Up to 50 meters
Measurement Accuracy	± 2 mm
Measurement Units	Meters (m), Feet (ft)
Laser Class	Class 2
Laser Type	635nm, <1mW
Battery Type	2 x AAA Alkaline Batteries
Automatic Laser Shut-off	30 seconds
Automatic Device Shut-off	30 seconds
Product Dimensions (L x W x H)	3.7 x 2.4 x 10 cm
Product Weight	110 grams
Main Material	Plastic
Color	Lemon

WARRANTY AND SUPPORT

REVASRI products are manufactured to high-quality standards. For information regarding warranty coverage or technical support, please refer to the contact details provided with your purchase documentation or visit the official REVASRI website.

Please retain your proof of purchase for warranty claims.